

## Interview Transcripts

Research Project: Transport policy evaluation: A mixed-method approach for assessing differences between a fuel duty and a midstream emission trading system.

Codes: IN(Interviewer), PN(Participant N=number)

Note: Some fragments of the interviews where the researcher explains the game or the levels or the results of the level have been disregarded as irrelevant for the analysis.

Participant 1

Date: 1/08/2022

[Begin transcript]

00:00:10

IN: So yes... you could please introduce yourself, you can tell us your name, your age, where do you live. And what is your main transport mode, because we have discussed before I'm assuming that the card is your main transformer, but for how long have you been, [...] been a drive.

00:00:48

P1: Okay, all right um so my name is [Participants name], I'm 26 and I live in Cardiff currently. For my whole life I've been living in London, where I use mostly and train, and tube as my like main transport like.

My main transport that I would use mode, However, in the past three years I've got my driver's license. And this is my first year driving my car because, it's very expensive the insurance prices in the UK. Once you become a driver to get a first to become a first-time driver there's a lot of costs involved.

00:01:31

IN: Okay. Perfect. For how long you said you have lived in Cardiff.

00:01:36

P1: Three months.

00:01:37

IN: Three months before you were living in London right [...]. Okay that's [...] that's fine uhh... [unclear audio] Recording perfect.

00:01:48

[Irrelevant data]

00:33:14

IN: In your day to day in your life in your real life, do you really know, or do you know? or to what extent do you know what the cost of using your car is? Or one kilometre or ten kilometres. Have you had you made that calculation? Would you usually make that calculation in your mind?

00:33:39

P1: I think, roughly for me each week it's about 20, 25 pounds a week of fuel. That's my estimation, and because I don't really travel that far each day it's about. A few kilometers each day about 15 minutes'

drive my car I think it's [...] it's [...] I don't know I should know more about my car but it's a fuel [...] fuel efficient. In my opinion, it's quiet it's okay. You know. So every week is about 20 pounds I'd feel, in my opinion.

00:34:19

IN: Okay, and you know how many kilometers we did.

00:34:24

P1: I can, I can, what I can give you the...

00:34:26

IN: You don't need to give me [...] give me the right number, I mean do you keep track of that?

00:34:32

P1: No, no. Yeah.

00:34:35

IN: Okay now no worries...

00:34:41

IN: And another question before continuing. Have you feel, recently, in your life, like... a have you feel like any impact any form of impact a coming from fuel price increases and you feel like the fuel prices has affected you?

00:35:04

P1: It has affected me, but I don't think as much as some people. I feel like uhmm... It hasn't affected me drastically it's only affected me in the sense that I think twice about going and driving long distances to explore different places in Wales, to be honest, that's the main way it's affected me, you know.

00:35:31

[Irrelevant data]

00:51:39

IN: There are some questions, I want to ask you now.

00:51:40

P1: yeah, of course.

00:51:42

IN: This is... this is game that tries to simulate some real-life decisions in a fun joyful way, but, in your real life, have you ever considered, or do you think people is considering in your surrounding of changing to a more efficient car, even if that means expending, investing more money in a new car. Have you considered that? Do you think more and more people or less and less people is considering that? what are the factors to that would make us to consider changing your car?

00:52:24

P1: Not for me, not at the moment. I haven't considered changing my car. Because I bought it in February and new. And the fuel prices kind of was going on at the time, in February, there was the semiconductor kind of shortage. So, used cars prices are going really hot was still going up in. In the UK, so that's your car itself prices going up, and now, after all the other stuff in the world, now the fuel prices going up as well.

And, but for me i've I kind of tried to not use the car if I don't have to you know if I can walk to go shopping or and but yeah the car is very convenient So for me I haven't thought about getting anything more efficient cars at this moment in time.

00:53:11

IN: What you're trying to say... if I can put it in different words is that you will prefer instead of changing you car, changing your travel behaviour so ye.

00:53:21

P1: Yeah, yeah, yeah... I think yeah.

00:53:30

IN: Sorry your were going to say...

00:53:31

P1: I think that reflects my decisions here, to go into the city. Because for me to walk to the work make my money. No, no harm. Like no price to me almost. You know. At that point. Come back home. That's what my mind goes to.

You know, get the money for free and then we'll make decisions, how to make the other stars later, so in my own personal life how we're going to get to leisure or sports or clubbing or shopping is up to me.

But that's how I thought yeah, okay, okay...

00:54:11

IN: Just one more question in that. In that same topic. At some point, you wanted to use the bus to go to the some of the facilities and, at the end we didn't do it, but, in you real life, do you use the bus? Would you consider using the bus under what conditions?

00:54:33

P1: I think in London, I really love the bus because it's really efficient every 15 minutes to the point. There would be a bus, so instead of an uber instead of me driving so to me dry riding all the way into like meet my friends in the city centre where I used to live in Barking that be, just like super like you know, of course, the bus was like low emissions. And it was a high tech kind of looking like Harry Potter kind of bus, you know, like the newest design the red bus, and it was very convenient for me to use, but in Cardiff, I don't think is as efficient and it's I think it's now every four... When I first got here, I wanted to use the bus, but it was just them..., when I looked at the times on the bus stop it was like 40 minutes or something gap between getting into city centre. So, I was like... I took the hint there and I was like I'm gonna just... But I should probably use the bus once over here, you know now I'm here.

00:55:40

IN: Just before going to the to the level seven. About the desions we have made so far, you decided to change your place of residence. Again, in your real life would be that a decision that would consider? Like changing your house, the place you live, in order to avoid some travel expenses.

00:56:08

P1: Well, I have these annoying roommates right now so yeah potentially and then this cat toys go, but no, yeah, I'm considering... No, I'm

joking. Well, what I think I would do is oh geez and my office is moving in September. From what I know to Cardiff city centre, and it would take about half an hour for me to walk, so I think. For me, maybe using the bike or walking at this current stage that's my current thoughts on the situation. So, I'd perhaps use the car less instead of moving house.

690

00:56:46.230 --> 00:56:53.280

IN: So, a just to understand this. This sounds like quite convenient because you don't have to move, they are moving closer to you.

00:56:54

P1: Exactly yeah.

00:57:00

IN: But perhaps in your surroundings, say your family or your friends, have you heard people about[...] Even if they own a house or if they rent the house, do you think that people may consider the eventually change the place the live because of the transport expenses going to high. Is it something that may happen?

00:57:26.430

P1: I think at the moment it's the opposite, where people move out of more crowded places to make a housing deposit. My cousin recently this last year he moved to Colchester which is London's here Colchester is out there, but it's just so he can get cheaper like housing prices because people I think are still interested in getting on the housing ladder to pay a deposit and to start to own something. Own their own kind of houses, so I think that's the main the price of the House, and people are the main us their eyes are towards that, rather than transport costs at this point in time, but if things change in the world and things got a lot worse than yeah I can imagine they would make different housing changes like because of that, or you know...

00:58:25.050

IN: Just to make us somebody would you agree with that now what leads the decision is the housing price, instead of the transport?

00:58:36.510

P1: Yeah before so, for example, we all live in the red zone, for example, and we pay a certain amount of rent but we don't own a stake in the red house. But say, for example, people will look at the blue house and they say it's a lot cheaper to start to own it whether it's a deposit whether it's a mortgage whether it's stuff like so they might move to blue or green and based on the price of the House. Rather than the transport and at this point in time that's what I've seen in my life.

00:59:07

[Irrelevant data]

01:00:42

IN: At this point in your life. You have explained that the fuel price hasn't impacted you that much. But, still whatever the situation is, if you had to complain about the fuel price, what would you say? what would be your complain about that?

01:01:03

IN: Perhaps you don't want to complain.

01:01:06

P1: For my personal opinion.

01:01:12

IN: Yes, about the fuel duty that increase the fuel price.

01:01:18

P1: I don't know man, I think I might be ignorant on this kind of subjects, but I think. The government they relied on a bit I could be wrong and...

Okay, Okay. The reason why this fuel price...

I'll probably have to research, it a bit myself why it's happened is the government relied on cheap cheap energy prices from Europe, and instead of maybe using more fossil fuels and fracking and things like that to become energy independent and that's that's why I might just my initial thing and then.

The Ukraine thing has caused a lot of insecurity about where, where, we would get fuel for him, but I don't know yeah maybe that, that's my opinion at the moment, but... If I was to complain if I was to complain, I would say the government needs to subsidize or do something about it, you know that's that would be... Yeah where I would go with that. But I think if I can in this level or join a demonstration or something instead if... It depends on how much time it costs or money or, if any, does it cost me.

01:02:45

IN: Yeah, but it will be in the in the next level, that we talk about that.

01:02:47

P1: Oh, I see Okay, no worries no worries.

01:02:49

[Irrelevant data]

01:03:35

IN: Another thing I wanted to him to say is that I have been saying from the beginning of each level that the reason for the fuel price increase is the fuel duty. Is not a matter of supply. It is because and increase of the duty. I think in the in the UK, you call it fuel duty but also you can say the fuel tax, which is how they name it in different countries. So, being very specific again about the fuel tax, what do you think about the fuel taxes.

01:04:17

P1: In the game or in life?

01:04:20

IN: In your life. In your context.

01:04:23

P1: OK so. In my mind... I'm gonna go off on a limb, and I could be completely wrong, but you knew that already, but my degree was in sustainable development. Right?. It's about sustainable energy we learn about all the different kind of them energy production in the UK. Whether is biomass in the UK, whether it's coal in the middle of England. Whether its wind. Solar. Tidle. And then there was nuclear and, from what I understand is the nuclear plants when. There is putting billions of dollars into the nuclear, but it wasn't. They

haven't yet got them up and running so they're producing energy now, so they've recruited, I think, Japanese and engineers to help out with the Hinckley point. Nuclear power station, because they put so much billions into it nothing's working so they need to get the external help which is fine, fair enough actually but.

Because of and and a lot of some politicians might have said, like you know, wind and and and and title and solar so in I, in my case, in your case case it was more title and wind, we have the biggest wind kind of offshore wind play and productivity in Europe, I believe, at that time, but it's not very efficient and it's not doesn't have the technology to transfer all the energy. And store it into batteries at when I was studying 2019-2018 you know. Yeah when I was studying back then. Yeah and 2018. Sorry. They didn't and they still probably don't have the and the batteries to store the energy and then to transfer onto the mainland. Also, the wind, the wind turbines they do stop sometimes they do they're not doing it all the time and it's very variable. Your up and down, whereas nuclear they can get a stable kind of thing once it's going, which is not a yet, but fossil fuel is is more reliable, however, they, the UK Government they rely too heavily maybe on the renewable projects. And they famous open to buying energy from the mainland Europe, from what I am, and it didn't go well you know, and it backfired really because of everything that was going on, I think yeah there's closing a lot of clock coal plants but, but I hope this is... This is adding to you research me.

But yeah, that's what I understand there was... there was a decision made by them. Not to invest into energy independence. And not to rely on fossil fuels, but yeah.

01:07:36

IN: So now let's go back to the to the game.

01:07:39

[Irrelevant data]

01:14:59

IN: [...] you said that you didn't want to join the demonstration in the game, have you ever joined a demonstration before?

01:15:10

P1: Roughly I was... I walked through the climate extension rebellion, kind of thing for a moment, but it wasn't a part of the protest I just came for the show.

01:15:26

IN: If you can tell, because I know, maybe, maybe difficult, but... what would make you consider to join a demonstration related to the fuel duty thing? What should happen for you to say I need to go on demonstrate?

01:15:48

P1: I think if a price got so high that people. Almost like a lockdown situation if that happened if it got so high and people couldn't go to work and say, for example, my boss can come to work because she often drives and she can come see us, and she was protesting and I'd probably protest. Because if more people wasn't showing up to work or anything like that, if it's a bit like a covert situation where people. Almost are staying at home, then I'll think about it yeah, but it would it would take them a lot for me actually now thinking about to protest.

Because I can do my work from home as well now. I can see that, you know.

01:16:37

IN: You're going to say something?

I'd be one of the last people to join. To say that.

01:16:47

IN: Just to put in different words so do you think now that the facility that we have now to work from... I mean the option that we have to work from home is convenient in terms of transport costs to the point that if the price go high to a certain level, if you can work from home that won't be a problem for you? No reason to go into protest because you will be able to do to work.

01:17:20

P1: I think you say, for example, before it was so expensive that people people couldn't go to work, but some could work from home, I think it would still be a big cultural kind of issue. Because I know that some companies quote corporate companies believe that when they go people go in, they produce a lot better work and...

And I'm sure if they want their same company culture to stay the same, and professionalism and everything, their culture to save the same don't need the people to come in, so I think it would still be a big issue, but because of covert happening. We, we do have a few more options let's just say you know than we did before everyone like scores students, we all know how to transition to remote, you know I still is still important, I think your price still.

01:18:13

[Irrelevant data]

01:21:43

IN: So before closing the closing the game. I wanted to ask ehm... You already made comments about the fuel duty in general. Huh you also mentioned some of the other, other reasons why the price may increase. For example, the lack of supply. And you mentioned different reasons like, for example, the war of Ukraine and also some, some, decisions that the politicians may... Did about the investing in fossil fuels, instead of investing more sustainable energies. But...

01:22:32

P1: The opposite, that was the opposite, I thought I thought they might have been able to put more into fossil fuels to get energy security up but yeah I'm sure you, you have it already.

01:22:45

IN: You can... If I understood wrong, you can correct me.

01:22:48

P1: Okay, no worries. Yeah I feel it's going to be sound crazy but I'll just say it man. Because you only live once and I know it's anonymous anyway, but... The Donald trump guy right he did a speech in front of the UN and people thought he was crazy, you need to create energy security for yourself first otherwise you're you how do you say you get other countries have power over you. Yeah?

01:23:19

IN: You're going to depend on the other countries.

01:23:21

P1: Yeah. Otherwise, if you buy energy off another country like Russia, then they have leverage over you so. I know that fracking and things like that is possible for yours, but, and I know we, we probably should have... We could have relied more on fossil fuels, in this period, while we still transitioning more so because we have the biggest offshore wind in the world, however, it still has its problems man it's not. The most efficient at bringing energy back and when it stops, for whatever is broken, its broken, you know you have to send someone up there. You have to... Bird [unclear audio], or whatever you know I mean there's so many things that could go and while I nuclear is still developing it's not there yet, so perhaps we could have done more fracking. In between. To, to let renewable energies Captain become better and then more efficient and then our nuclear increased but but that's that was just an idea obvious obviously hindsight is 2020. You can say, we should have done this, should have done that but. I think it was true man.

What are you saying you know energy security we didn't go for it, yeah. But who knew, who knew what was going to happen.

01:24:45

IN: Okay, I understand you're telling me that is very... Your concern, your idea, your message, with that comment, was like energy security is very important, so we have to find a way how to secure a high level of security in terms of energy...

01:25:06

P1: Yeah, yeah. Before sustainability at this point, you know yeah but carry on yeah.

01:25:12

IN: The question, my question was also about the fuel duty. How do you think a fuel duty would be acceptable. For example, not just about the fuel price, but the as factor that increase the price. Let's think, it is not a matter of supply. There is enough fuel, the fuel the international price of fuel doesn't increase, and you have enough of it. But the government decided to increase the fuel duty or the fuel tax. Under what conditions? Or do you know how they use that money? Or why do you have to pay a fuel duty? A petrol tax, do you have any idea why? Or under what conditions it is justifiable?

01:26:04

P1: I'm not I'm not sure why, if you saying that it's more the duty than the price see that's why I don't know. I don't know if it was more price or duty, and so you might have a point that.

You take the UK Government might have been increasing the duty and you're asking me why is that you, increasing the price is not so much you're. Changing but I don't know to be honest i'm bit clueless there why the duty would go up if the price of it is not so much or the supplies and changing to off too much, but yeah.

01:26:44

[Irrelevant data]

01:27:21

P1: I think you mean under which circumstances, would you be okay, with it, increasing when I think the only thing that POPs into my head is, we have to protect ourself militarily, if you need more weapons we



need it because, because I think there's a lot that we don't know is civilians, whereas all these networks of information come through so if there's a direct threat from a certain country that you don't know. Then i'd be okay, with the price your price going up and not nobody really knowing what's going on but.

You know, that's... That's the idea that's my.

01:28:01

[Irrelevant data]

01:29:23

IN: Do you think that for you, as a user, would be easier to accept or difficult to accept a policy where you can actually see the value of the fuel duty, the additional amount you are paying. Or a policy, what you cannot see where the increment come from.

01:29:46

P1: I think... It'd be better if we don't see where it comes from, because even the word duty. You could say fuel tax, but they say fuel duty because it's a softer word I think you know it's a more disguised words.

But I don't know I feel like our government needs to understand the supply of what comes in, so that's why they have the tax to the consumer. But I understand where you're coming from where you know the actual people could be paying the tax and the producers, but um. I just feel like it's... Off the top of my head it's more in me in every in my best interest, as a UK citizen to have the UK Government knowing who's buying why because people could be petrol, they could be doing anything with this taken be making what... you know crazy, crazy shit with petrol and anything. I don't know, maybe... That's my...

01:30:56

IN: You are okay. I think we almost maybe on time, I think we have been talking like a one hour and a half, exactly.

01:31:03

End transcript]

Participant 2

Date: 2/08/2022

[Begin transcript]

00:00:24

Interviewer: Perfect. So. Now, I will give you a few seconds to introduce yourself, you can tell us your name, your age, where you live in and more importantly... You have been selected to participate in this research because you agreed that your main transport mode is car, is issuing the car... You can also tell us for how long you have been using the car as main transport mode or anything related with your travel behaviour, daily travel behaviour.

00:01:01

P2: Okay, thanks Allan, and so my name is... my name is [Hidden Name] I live in Cardiff I've being living in Canada for about 17 years. I'm 42 years old. I do use the car as my main way of transport, I currently have or share one petrol car and one electric car. So I've had an electric car only for the last maybe four years or five years. But I've used car as a mode of transport, since I passed my driving test which was probably when I was 17 or something like that so I've used car as the main way of transporting myself since then. Really.

00:01:47

[Irrelevant data]

00:02:23

Interviewer: Continuing to the with the research and with the interview structure. So... I have designed this research project that uses game as an interview tool to facilitate the conversation. The game is a kind of simulation of real life. But it's not a high-level simulation so there are some things that may, may not make sense, but no worries about that. The idea is that the game is a tool for to facilitate a conversation.

00:02:53

[Irrelevant data]

00:25:00

Interviewer: Have you heard of the initial trading systems?

00:25:04

P2: No, no.

00:25:06

Interviewer: Emission trading systems do not work in the in the UK for fuels yet. But there is a proposal in the European Union to create an initial trading system that. Basically, is a policy that give an allowance to fuel producers, it is a certain amount of CO<sub>2</sub>, that they can emit. So, if they emit below that level, they don't have to pay anything, but, if they emit more than that, they have to pay like a permit for that. So, what will happen is when the fuel producers face those additional costs, they will transfer that cost to the consumer price. So, this is kind of the basic idea of the of the of the initial training system and the reason why they feel price in the game how simple it is because of an emission trading system. Right?

00:38:32

Interviewer: [...]and we managed to get the four the points, stars ... Before continuing with the level, I wanted to make some questions here.

So, you, you mentioned that you use your two do types of cars. You have the electric one and the internal combustion one. How often you use your car in your daily life.

00:39:00

P2: Every day.

00:39:02

Interviewer: Every day, seven days a week.

00:39:05

P2: yeah.

00:39:08

Interviewer: So, have you been have you been impacted by the fuel prices lately in the UK.

00:39:14

P2: Uhhh... A bit. It's obviously is more expensive but it's just. Because of the convenience.

00:39:22

Interviewer: Okay, in the game, we have some fixed values for each transport mode, have you ever thought about the cost of using different transport modes in your real life? Is something that you have in mind?

00:39:40

P2: Sometimes, but like I said, I think the big thing for me is convenience, I guess, and it's just because you know I've got like I live on the outskirts of Cardiff a little bit. I've got young children, so I need to kind of transport them to school, when they're in school, I need to get back to work. I like going to the gym, so I need to get to the gym. I've got a very limited amount of time in which I'm able to do those things, so I need a method of transport that's efficient, ... that gets me there when I need to be there, and the only way I can do that, realistically considering where all the different places are, is by car.

00:40:29

Interviewer: Just one more question before we continue. Well, this, this is a question which is part of the interview, but I think in your case, you have already answered the question. It is, if you have considered changing your car for a more efficient car for because of fuel prices. I'm gonna redo the question, so what was the decision making factor for you to acquire an electric car?

00:41:01

P2: Um... It was worth to try and get something that was maybe less polluting, may be cheaper in the long term as well. Yeah, but it has negatives as well, you know, because it was the same price as a fuel car, roughly of the same type, but with the electric car it only has a certain amount of mileage, so it's great to use in Cardiff, but if I want to go anywhere outside of Cardiff, it's a bit of a hassle and I need to find a charging point... so, unfortunately for long trips or trips longer than two hours, I would still use the petrol car.

00:41:52

Interviewer: And just one more question before we are going to... Six, now we going to level six. Just one more question before we continue. We faced one decision that was to avoid doing some activities because of the new price, have you ever to face that kind of decisions in your real life, stop doing something that you want to do because of the transportation costs?

00:42:25

P2: No, not really no.

00:42:27

Interviewer: I do worry that that may happen to you? It's not something that you think may happen eventually?

00:42:33

P2: No really partly, I guess, because I work from home. And my trips aren't like really long trips, you know I mean it's to other places in Cardiff, that are far in Cardiff, but by car, you know, even though I'm using petrol it doesn't you know. When I measure fuel price increases against the convenience of getting my child to school, coming back home in time for work, you know, if it costs a bit more, it costs a bit more. It costs a bit more, you know.

00:43:06

Interviewer: yeah okay perfect. So now we'll finish this level and continue with the game huh.

00:43:12

[Irrelevant data]

00:49:15

Interviewer: before continuing with the level the question here is: At this level we faced the decision of moving to somewhere more convenient. we didn't have the money, the money to do it. Is that a decision that someone would make in the real life, according to you? Because of travel expenses, is moving your house, either if you rent or if you own, do you think changing your house is something that you would do, or people in the surrounding?

00:49:58

P2: Umh... I think it would very much depend on the job. At the moment, with COVID, I know that everything seems to be possible to be done remotely so not many people need to travel anymore. But I think pre COVID, probably yes. Especially people that would need to maybe cover long distances, they would want to be close to the motorway, for example, maybe more on the outskirts of Cardiff rather than in the Center. But at the moment I'm not sure how many people in reality will do that because I think, employers are being more flexible, in working....

00:50:35

Interviewer: Right. So, do you think that the situation with working remotely may have changed some logics in the dynamic over...

00:50:41

P2: Oh yeah yeah yeah yeah yeah absolutely yeah.

377

00:50:45.540 --> 00:50:45.810

Interviewer: Okay.

00:50:48

[Irrelevant data]

00:51:24

Interviewer: Would you like to complain about fuel price increasing at this level in the game? Or perhaps in the real life?

00:51:32

P2: I'm not sure at the moment.

00:51:38

Interviewer: Okay, in your real life it's not something that you would like to complain?

00:51:44

P2: When you say complained you mean go out in the streets and...?

00:51:48

Interviewer: Something that... If you go to a pub on a Monday, it will be something that you will complain about?

00:51:58

P2: No, not really man.

00:52:00

Interviewer: All right, yeah.

00:52:03

[Irrelevant data]

00:56:41

Interviewer: Again, the mission driving system is taking place and some demonstration have been announced, because of the effect of the emission trading system, increasing the fuel price.

Would you like to join other a demonstration because of the rising of the fuel prices? If you decide to join the demonstration that will be for the cost of one star so you will be reduced one star if we decide to join the demonstration.

Would you like to do the demonstration in order to avoid or stop or review the fuel prices?

00:57:15

P2: I'm not at the moment.

00:57:18

Interviewer: Have you ever joined a demonstration?

00:57:22

P2: No, no.

00:57:23

Interviewer: For no reason for no reason, no, not even related to transport?

00:57:27

P2: No, no.

00:57:32

[Irrelevant data]

01:00:04.080 --> 01:00:20.490

Interviewer: Now we are free to decide whatever, whatever we want to do... Again we have different options that are still available. The house, the car... And the movements... I think the movements will be the same, but before doing that I want to make you a question.

We have been talking about the emission trading system, but very briefly. Because that will be kind of... Because that would be how I'd explain the emission trading system just in a normal conversation with a person. But we know the fuel prices increase for different reasons, sometimes is, in some cases, because of shortage. Like some the situation some countries are facing now in relation to the Russia Ukraine thing. Some other times is because fuel duties or petrol taxes. I think, here in the UK, they call it the fuel duties.

In this case we are talking about a emission trading system so just taking... for a moment, a part of the case of the supply thing, or supply shortages. If we talk about the fuel duty and the emission trainings system.

Do you think those policies are justifiable? Do you think is okay, the country applies those kinds of policies and increase fuel prices? Have you ever thought about that?

01:01:36

P2: u=Umh... I mean what's the reasoning behind it, is that to bring down admissions.

01:01:44

Interviewer: For the mission trading system, yes.

01:01:46

P2: Okay. Yeah. I mean if it's if it's something to bring down emissions I would I would be supportive of it.

01:01:55

Interviewer: All right, and in the case of fuel taxes.

01:01:59

P2: um. So what would that entail specifically?

01:02:07

Interviewer: I have no more information that... Fuel taxes, in this case we don't know what, where those taxes go.

01:02:15

P2: Yeah... I think it would depend for me then maybe.

01:02:19

Interviewer: Alright. Perfect.

01:02:23

[Irrelevant data]

01:06:58

Interviewer: So... I just want to point before closing the interview... Just wanted to point something that was a that was very interesting. That it may, it may be common sense but it's not always that way. Is that you will agree on the fuel related policy, given that you can see that that policy is going... Or is being taking place for something important like reducing emissions, so if you see those policies for that, it won't be so much of a problem...

01:07:34

P2: Yeah. Alright.

01:07:36

Interviewer: But what what what would happen if it comes to the point that that policy is going to... that, that policy is designed to reduce emissions, but it comes to the point that you actually have to face the decision of not using the car at all anymore. Because it becomes too expensive, even for short... the short trips like like they ones you go inside the city, no.

01:08:03

P2: Uhm yeah... I think it's different for me, obviously, because I've got an electric option. So there's there's that option. But you know I think it's important to try and reduce emissions, so I think I would be willing to sacrifice maybe the use of a petrol car for that.

01:08:28

Interviewer: And you mentioned that normally the petrol car is is useful for you, when you think about longer trips.

01:08:36

P2: Yeah.

01:08:36

Interviewer: If that... lets think that they, they... The batteries do not improve, and they still can't get on a shorter and you cannot use them for long trips and you cannot use the petrol car because it becomes too, it's too expensive. In that in that case, what will you think you do? You will stop going for holiday with the kids? Or you would...?

01:09:01

P2: Take the train or the bus, no, no, no, I wouldn't. No, I think there's a point at which you also have to just look at your own quality of life, you know, and what you want to do with your leisure time, and, you know, I've got family that live outside of Cardiff. I've used the train before but it's not as great, you know. Sometimes, if you want to go for a holiday with your partner or something, you know, you might go somewhere that's really close to a train station so it's just, I don't know. I think I would rather try and find a way around it first before saying no car absolutely no, just train, you know, I think I'd try and still use the car to get there.

01:10:00

Interviewer: Like, for example, finding a place that is not so far, like that you can mix the car with another transport mode perhaps?

01:10:10

P2: Yeah, maybe I think yeah. I mean. Yeah I mean possibly I think I think realistically you know. That's not the ideal scenario.

If i'm honest, you know, especially when you go and you want to go for a weekend, you know you've got things to take with you lots of stuff you know you got the kids. You know you don't want to be doing like one trip get a train get a boss, to get to your holiday destination that to me just sounds like that that isn't a holiday.

Well that's. No way to start a holiday put it that way you know so... Sometimes it's just the convenience. And the efficiency of being able to get somewhere, which is really important, as well, because that that impacts on my wellbeing. And on my... you know my partner's wellbeing or my children's wellbeing you know... It's just it's balancing all up. Is is tricky.

01:11:06

Interviewer: Another question related with some of the decisions we made at the end, the final levels are using the bike a lot, because it was very convenient, we were close to everything. Is the bike for pre almost.

Do you do you use your bike eventually in your daily life?

01:11:26

P2: No I've never I've never been a big cyclist I do have a bike. I have used it sometimes, but again it's just I wouldn't use it for my daily routine just because it's not practical.

01:11:39

Interviewer: Alright.

01:11:43

Interviewer: So, there is one, there is a one thing related with your answer now, when you said I'm not a very big cyclist, that was what

you said. Yeah? How do you understand to be a very big cyclist, in this case?

01:12:00

P2: Okay, so by a very big cyclist, I would mean someone who uses the bike every day and feels very comfortable on a bike. I don't feel comfortable on a bike, I never cycled regularly when growing up. It's not something I did like really regularly. So I guess it's not something that I naturally think oh I'll jump on a bike you know what I mean. Yeah, but you know I do I do write it once in a while, but for my routine, it would be very, very impractical it just wouldn't be possible. You know, to take one child, down to the other side of Cardiff to then come back. To go to the gym. To then go to work. It just it just wouldn't work for the time frame. I don't know it's just a... you know just there's just the practicalities of it, you know.

01:12:51

Interviewer: Yeah, It makes a lot of sense that I believe that is how it works.

01:12:58

Interviewer: Again, related to this question now in the game, which was a very rough simulation of real life, we were able to use the bike because everything came together. And you also mentioned that using the bike is not the most comfortable and how it is it's not sometimes it's not so safety to use the bike, that there are not cycle is, you have to go to different places, with a key with for to producing activities so it's just not comfortable.

Hypothetically. If everything come closer your kids go to the same school, very close to the house.

01:13:35

P2: Oh yeah.

01:13:36

Interviewer: That would be something that you would consider?

01:13:38

P2: Yeah, absolutely yeah and I've done it. I've done it on holiday so when we've gone to places where maybe there's a better cycling infrastructure, like France. I feel more comfortable going on a bike and going into the village and buying things and coming back and it feels safer everything's more compact so yeah it's not something I would I would discount at all. I only really use the car just because it's convenient. And where I live, and where I need to get to, if everything was close by. I wouldn't see the point of having to jump in the car every day, you know.

01:14:16

[End transcription]

Participant 3

Date: 5/08/2022

[Begin transcript]

00:00:12

IN: Okay, please introduce yourself.

00:00:16

P3: Okay I'm [Participant name] I'm 42 and I've lived in Cardiff, for most of my life and you need me to tell you about the car right I use



my car almost every day certainly, every weekday because I use my car to go to work actually have two jobs or work as a teacher and I have to use my car to get to work. I would love to ride my bike and it's just a little bit too far and I'd have to write down the 848 or make our journey quite a lot longer so it doesn't seem practical know I would love to do it, and I also teach baby classes, I have to take my take my car because I need to take lots of kit with me and use my car to go shopping What else do I need to say or show you lost me lots of these questions or anything else you'd like to know.

00:01:05

IN: Well, that's perfect who will still be asking some questions later about the travel behaviour.

00:01:13

[Irrelevant data]

00:29:08

IN: So, before going to the next level, I wanted to ask you a couple of things.

00:29:13

P3: Okay.

00:29:19

IN: In your real life. Into the daily life, do you know, or have ever considered or analysed the different costs of different transport modes like, for example, the how much you pay for using the car in terms of time and energy? Or using the bus or using the bike? And what are the factors that you consider when you think about those different transport modes.

00:29:46

P3: So I think the first factor in certain areas, is how long it's going to take you into the journey. And I have looked at, I have looked at bus as an alternative to go to work. And, but it takes me an incredibly long time from where I am I'd have to get two buses to get to work. And as soon as you start saying to bed says you've got a connection time and as so the buses are quite the buses from my house fairly frequent the buses from towns and my school or even more frequent but, but I think it would take to me takes me 20 minutes to drive to work. I think it is take me at least an hour by bus and then I have to walk from the bus stop for a half a mile to my, to my school no problem, no sorry a mile to my school so that would add on a little bit as well.

00:30:37

[Irrelevant data]

00:30:59

IN: So, Okay, so that the main factor for you is time and total time with the connections some of the things. More than the money that you will be spending. Because you told me, you told me that before, when you were talking about the values and so in the game, you told me that using the car is more expensive because you pay more for the car.

00:31:24

P3: Yeah, but when I use the word and I were using the word expensive differently, because when I went when you say expensive to me, the only thing I think. Is money there's no connotation of anything else

so that's the reason, whereas when you're talking about expensive you're talking about the two the two things together so that's why.

00:31:43.

IN: All right, yeah but my buying truth normally when we think outside of the game about expensive, we normally we don't think in the value of time.

00:31:53

P3: No, we don't know well, I think about time, or I think about expense. But, but I don't normally. Because when you do in your head, because I know I know that I know that one, it would be dangerous, we don't I would love to ride my bike to work, for example, I know that one, it would be considered quite dangerous because it the most direct route would be done A48. Which is basically a motorway, although it's still called an A road, so I could technically ride on it, but I think it would be very dangerous I would never do it, and if I if I, there is a route for me to go round, but it would take me... It would take me... But did it once. Actually. It would take me a really long time because I think is a good few extra miles on the end.

00:32:43

IN: Have you any idea how many miles.

00:32:46

P3: I thought you're going to ask me that I'll tell you now. Uhm, I think I think if I drive to work at six miles, I was looking this up the other day, and then I think I found out, I was eight miles I'll tell you now. So, with no traffic, it takes me 14 minutes yeah so, it's 5.4 my asked me to drive to work. Right, should I go by bike.

00:33:19

IN: How many miles.

00:33:22.350 --> 00:33:33.030

P3: Actually, is it's it says it's 6.4 miles, but that's not the real I would want to take because, again I want to I wouldn't want to, for example, I wouldn't want to drive down to Albany Road. In peak traffic for thing that would be really dangerous to do what you'd want I'd want to take a slightly different route to avoid some of those massive roads.

00:33:44

IN: Broadly would be like seven miles.

00:33:49

P3: yeah it doesn't say as much actually as it says on Google maps, it says 6.4 miles, but it would definitely be more than that, so I wouldn't take that route.

00:34:02

IN: Alright. Perfect one more question before we continue with level four, is that a at this level, Level three we introduce something that we are very use to which is the fuel price increase. The question is in your real life, how, considering that I know nothing about the UK, have you experienced fuel price increases, lately, and if so, how that has impacted you?

00:34:32

P3: And certainly made me more aware of how much my car costs me. Because my wife your price. So, to fill my car is now between 1995

pounds. And I think previously, I know i'm, not forgetting them I don't I don't take a note of these things but definitely I think before the most I'd have been was 70. So that does that does make me think that I need to be a bit more careful about using my car, where I would not think about that at all.

00:35:06

IN: Also, it was it was a when I mentioned the fuel price increase, I mentioned that the price increased because of the fuel duty. Is the fuel duty the reason (if you don't know, if you don't know, there is no problem) Is the fuel duty reason why the price that you pay increased or you...

00:35:29

P3: Know it's not just that is that they're getting more juicy because the prices have gone up well I don't think there hasn't been a few duty increase as such. That it's going up in hand with the prices of user demand is, it's the same amount, but I think. haven't they reduced the percentage for fuel duty, they've reduced by 5% since.

00:35:50

IN: I don't know.

00:35:51

P3: That they are, they have, I think I definitely the Chancellor brought something in I think it was 5%. So they reduced the duty slightly. Or, in reality, they're still making loads on Monday off because the prices are high end is still a percentage isn't that but. It hasn't made a huge difference to prices.

00:36:09

IN: Alright. Alright. so just use a as a as a summary, the impact of these price changes for you, has been like you, are more aware of it, yes?

00:36:18

P3: yeah

00:36:20

IN: Alright, I will do, I will do more questions about that later. Let's go back, let's go back to the game.

00:36:27

[Irrelevant data]

00:40:03

P3: How did you come across as you come up with those values the cars.

00:40:08

IN: Different things, there is a relationship between... using real data in terms of percentages... uh huh of a efficiency consumption and prices, but the values are adapted to the game.

00:40:24

P3: I can believe that there is a relationship between them.

00:40:28

IN: To say, but with the article's papers and information, academic information, but the values themselves I just design them in order to play the game.

00:40:39

P3: The very low consumption costs don't be a petrol or diesel cars. They are electric.

00:40:45

IN: Which one.

00:40:47

P3: The very low consumption. Well I'm thinking it can't be electric because that would be, it would be a huge, huge difference in price, and that they wouldn't be representative at all.

00:41:03

IN: Of the price. The value of the prices are representative of, between an electric car and a internal combustion.

00:41:13

P3: Of the same size and the same performance really? Okay, I'm surprised by that. I thought... the reason I asked is I thought, I didn't think these figures were true, but they also surprised me.

00:41:27

IN: No. It's verified the data. But not the values in itself, but the percentages.

00:41:34

P3: The percentage yeah.

00:41:37

IN: So, you have any other question?

00:41:41

P3: No.

00:41:43

[Irrelevant data]

00:47:01

IN: before the level five I would like to I ask you ask, something I think you kind of mentioned that before. Have you considered changing your car type, because of the price increase at any point?

00:47:22

P3: Umh nope. I'm a bit of an exception that. Because I I I really like Beatles. Basically, I'm not changing it until they make me. If they make me, because they go electric, then I would change or otherwise There's absolutely no way I would change my car. I'd probably sell my property before I changed my car.

00:47:43

IN: Alright.

00:47:44

P3: Because I'm not into cars in anyway, I don't care I've never cared what car I drive, since I was really young I wanted a beetle.

00:47:53

IN: All right.

00:47:54

P3: I'm a bit of an exception because lots of people would like different models of cars and go home, I could get a hybrid in that model but, but... For me, beetle.

00:48:06

IN: But it's really, interesting because it's a kind of an emotional attachment to that model specifically.

00:48:11

P3: Well yeah, I think a lot of people like certain cars don't know certain you know they don't need drive a Ford, for example, or they don't need drive and I already yeah but for me and when it's just a particular model of that particular car. If I died tomorrow, my friends would say 'at least she got a Beetle.' They would, honestly, they'd say oh, and she got a Beetle.

00:48:42

IN: Okay. That's really, interesting and it's that, beetles they don't have a hybrid?

00:48:52

P3: No, there were no there isn't so that's The other thing yeah there is a hybrid option and whether there will be an electric efficiently. They've stopped, making them again supposedly forever. They've stopped making Beetles as well, so officially they've stopped they've said they're not going to make another one. So they did say that last time as well, and they stopped for like I didn't have many yes, good for years, but um so yeah if they don't bring in Atlantic when I whenever he goes on that track then I've got an issue.

00:49:31

IN: All right. Perfect. It's clear for me now.

00:49:34

P3: I must go clandestine. Haha.

00:49:39

IN: OK...

00:49:40

[Irrelevant data]

00:58:33

IN: Before a going to the level six, the question is... now... Because of the fuel prices, the increase in the fuel prices in the recent years, you decided which period you want to think about, but because of the fuel prices have you ever had to change...? Or have you ever stopped doing things that you wanted to do? Like going to be the visit friends or going to... go into the any activity that you have to use the car because of the price? Like say okay I'm going...

00:59:09

P3: If I had to or if chosen to?

00:59:12

IN: Say again.

00:59:13

P3: If I had to or if chosen to? What do you say?

00:59:16.230 --> 00:59:17.100

IN: If you have.

557

00:59:18.540 --> 00:59:25.500

IN: If you have it in your real life have ever faced that decision of not doing something.

558

00:59:25.980 --> 00:59:29.970

P3: Is not at that level, yet. That you would actually need to change anything financially. I think. Because the other thing is, there are other factors in play at the moment isn't it, the price of fuel is going up so I'm probably more worried about electricity bills and gas bills, to be honest, I would make a much bigger impact than my difference I'm spending in petrol.

00:59:49

IN: All right, and that works that way, also for long distance trips, if you want to go for a holiday with the car to do some road trip? Does it work in the same way?

01:00:01

P3: You see me it might. If I was doing a really long trip maybe. For example, I'm going to Bristol airport to fly out next week and. I looked at the price of the parking. I didn't I thought about the fact I might cost us more to get there, because the fewest gone up. By its convenience we get an 1130 at night, and one of our flight so so to get public transport of that time would be very expensive includes in a taxi when I got back to Cardiff city. I mean if we could, because we could do it by bus or train, but then it would. It would be much, much cheaper.

01:00:51

IN: So, the idea with example you mentioned is not only about the the price of the fuel, but it's also the all the prices involved in... like parking.

01:01:02.

P3: Yeah. Because it's, not just through this so it with a cost and you've got to think of parking.

01:01:08

IN: But also the convenience... More time... because when you are using other transport modes you have to make the connections, you have to use...

01:01:16

P3: Yeah, its and awful lot more time yeah.

01:01:21

IN: And effort.

01:01:23

P3: yeah.

01:01:24

IN: Okay, so look, I know, in summary, you haven't had to face that kind of decision yet, like avoiding to do some activities, because the fuel prices.

01:01:34

P3: Know yeah I think I think it will get to that point. I think it gets that point and in combination with the other things that are going on, you know what I mean.

01:01:44

IN: I absolutely yeah. I would like to ask you. If you have to guess now. When do you think that will happen? do you think that you will see that, like in your, in your lifetime?

01:02:02

P3: Well, that is too expensive to use the car?

01:02:04

IN: yeah.

01:02:08

P3: No, I don't think I will happen in my lifetime.

01:02:12

IN: But yeah.

01:02:12

P3: But also, you talk about in my lifetime, if I if I didn't work where I work, to say I retired I would hardly use my car. And I'd like to not have to use my car.

01:02:28

IN: So, talking of your, I don't know how how to say in English, like economically active life, so before you retire, so you think that will happen? Up until the point you retire?

01:02:40.890 --> 01:02:41.190

P3: No. Do you?

01:02:44

IN: I don't know.

01:02:46

IN: I don't use cars.

01:02:48

P3: Well, I feel like that's the sort of thing you might know, given what you're studying. I feel like you might know the answer though because of this or research that you're doing maybe you've looked into that.

01:02:59

IN: To be honest the answer is probably not something that we would like. My goal is not to guess but to make that happen.

01:03:11

P3: yeah I wondered, I wondered yeah. Because this is, this is the thing, at the moment no, but I think in the end.. In the end, that's what the government will do and then I'll try and make it so that so that it isn't. That's their job isn't it. If they want a green like in Wales you've got a particular we think we're better than England in that respect. And we're trying to be England does it, does what Wales always does, then that's what they'll do.

01:03:38

[Irrelevant data]

01:13:25

IN: So now, the question is, before going to level seven, is like... I know this is kind of something that may be difficult, but I don't know I don't know for you, maybe vehicle just think about, but do you think that at some point, the price of using the car, the price of fuel will make people to think about changing the place where they live?

01:13:51

P3: Uhm I... It depends, how far right you live from the activities that you do does that. So for me I drive 20 minutes to work so that type of such a huge impact that was worth we moving House would be quite difficult for that to happen, but like some people can meet large distances they drive like an hour to work or 11 hour away so for them. It would make more sense time wise, but it would also be a huge cost difference. But, for me it would take a really long time for it to be to be so different that I would have to consider moving house.

01:14:33

IN: And it made sense in your in your case but, as you mentioned, however have you ever come around someone that is facing that kind of decision, like just wasting too much time in transportations that consider to move somewhere closer?

01:14:50

P3: yeah, but I think I think the factor, then would be time more more to do with the time than the expense. Which I know you're coming together, but like when I say expense, I mean money.

01:15:02

IN: Oh yeah no, it makes sense, so it will be like thinking about time will be the most the most, the most important thing before for the money.

01:15:12

P3: yeah on.

01:15:14

IN: Okay, makes sense, I know I know if I know it might be a more difficult decision because moving from house is something..

711

01:15:22

P3: that's something hugely expensive. I feel like I feel like those. Like that's an hour, you had with those costs right moving and paying a little bit more to be a bit closer, yeah that might happen, but but also. Also it's not just about that, as it is about what type of housing is in the area. I would only moved house to get a bigger house. Otherwise I wouldn't move. I don't think I would move close because I don't really need to.

01:16:03

IN: OK. OK let's go back to the game, this is level seven that thing level so without you still have three more levels to go.

01:16:12

[Irrelevant data]

01:16:56



IN: Do you complain about fuel prices? Is something like you go to you, you meet with your friends you go to some spanglish meeting on Monday, say, like oh like what's happening with the fuel prices? Is something like you will complain normally in your life, or no?

01:17:16

P3: I texted my dad's room and i'm going to ask for over 90 pounds in my car. To be like guess what guess how much I put in because I was quite, I was quite in a shocked. But no, no massively because I kind of feel kind of feel like what's the point of complaining and if it is not going to change it. So, if someone sent me if someone sent me like a like a means of complain and like one of these remember the name. You know where you can sign a petition or something I would get involved in something like that. I probably wouldn't go and see my MP, or I wouldn't. I wouldn't put something on social media or anything like that.

01:18:02

IN: All right, perfect Thank you. So let's go back to the game, so now we have a we have the different options again the price when like.

01:18:12

[Irrelevant data]

01:29:29

IN: About that... have you ever joined a demonstration? For any other reason? or perhaps for for for taxes, or something like that in your life?

01:29:39

P3: And I've gone on strike once in school about this for salaries. Yeah, salary stroke working conditions.

01:29:53

IN: What we did last time dimension.

01:29:57

P3: Working conditions.

861

01:30:00

IN: What would be the conditions that you're mentioning?

862

01:30:09.990 --> 01:30:19.410

P3: there's just there's basically no limit there's no limit on how much I can be asked to work as a teacher. There is officially the unions have argued the 1265 hours a year for example. On top of that, I can still be asked to do, and so that doesn't include marking, for example. It's a lot more, I could easily mark. I'd like I've worked out, for example, once that if I've got 300 kids students ritual usually do I looked at them and looked at them for 10 I looked at their book once a week for maybe 10 minutes, I think this statistic is that's another two and a half hours a day. And that's presuming you finish work out three years now, I often up meetings and admin and planning and other things to deal with plus them potentially another two and a half hours. So, in theory, like I could be used, I could be I could work like another six hours at the end of my school day. I'm like feeling like I don't feel like they're it's not realistic, while they asked me to do is not realistic yeah.

01:31:21

IN: it's like you're working like almost all of the...

01:31:23

P3: reason why cuz my salary is good, I earn a good salary so I'm not actually that all the above that I would still you still asked for more salary just for me, for example, that would mean if the salary was higher leave I could have another day off. And then that's how I would get my work life balance, assuming.

01:31:43

IN: Okay, lets go back to the game to finish as possible, as we can, because we're getting rid of time.

01:31:49

[Irrelevant data]

01:40:00

IN: Before we continue just a few more questions, the game, the game is finish now and just continuing with your comment now that you would prefer they subsidize other transport modes to make them affordable... The figures here, the number here, the increase in the fuel duty and the fuel price is very unrealistic because it went high very fast. In a very kind of... only in 10 level, so the idea with this increasing is to help us to make decisions through the game. The thing is, all the time I've been talking about the fuel duty as the reason for the price increase, but before you told me that you know that the price not increase not only for the fuel duty but because of the international price.

01:40:51

P3: The duty is just a percentage isn't that?

01:40:53

IN: yeah exactly it's a big percentage.

01:40:57

P3: yeah well, as I say, I think they I think they've reduced I think he reduced by 5% to try and mitigate their increases, but it hasn't made a huge difference.

01:41:06

What will happen if they increase that percent, that would be my question, that will be kind of the analogy with the game.

01:41:15

P3: Got that yeah.

01:41:17

P3: That's the thing I mean if they if they use that as their strategy. That could be a strategy to move people to public transport it's on to other ways of traveling. But I think the biggest barrier is our public transport system isn't good enough. It isn't good enough to sort of incentivize people to do that. In Cardiff anyway, if you look at Cardiff maybe, if you're in London, be completely different scenario wouldn't that be a completely different thing because you can travel around really easily by public transport, but if I wanted to go to work it'd be really hard to me to go by bus.

01:41:59

IN: Yeah, I understand and now the next question and the final one because we run out of time now. There are two things, is the fuel duty which you mentioned us a percentage, but they are the international costs of fuel, the supply all the things. How will you feel if the difference in the price, the increase, is because they, the government, increase the percentage. Of if the price increase because of the fuel price in general, not because they increase the percentage, because the price increase, how would those different scenarios make you feel.

01:42:44

P3: I think I'd be more annoyed if that is the case, so you know if the fuel prices going up in the world, I feel like there's not actually unless you can do about that, but if they were putting put up that would not be really nice. If they were to increase fuel duties, I'd be really annoyed, unless that money were to be ring-fenced to improve other modes of transport, then I would be okay with that and I would be okay with that.

01:43:13

IN: All right, what if just one final one final possibility, what if, in this scenario that they fill up a remains doesn't change. But the Price go high, but not because of the international price, but because there is a another policy, that developed an emission trading system, penalizing fuel suppliers. So it's not a fuel duty, but it is applied to fuel suppliers in order to reduce emissions and the price increase because of that, not because of international price.

01:43:56

P3: It depends on the reasons for doing that, as I don't know how it works I don't know. What the reasons are?

01:44:06

IN: Just imagine it is a because of an emission trading system and the idea is to reduce emissions.

01:44:13

P3: I'd be less annoyed because that, because It is for the greatest good. You know what I mean?

01:44:21

IN: What if they tell you that the fuel duty is also because of emissions?

01:44:32

P3: I'd be less annoyed, because I can see that that's it that's that's broadly a good thing.

01:44:37

IN: It won't be enough if they tell you that this is to reduce Emissions.

01:44:41

P3: It won't be enough, they tell me, It would be enough if they actually do it.

01:44:46

IN: How would you think... you would like to see to see that happening, because they are going to take money out of you.

01:44:53

P3: Whichever way. I think they need. They need to nationalize, to renationalized the trains, for example, and public transport system. Because, then, then, then they could be making decisions like increase in fuel duty or changing thing, you know. Putting a levy on this source of the fuel companies, but then they would actually be able to put that money straight into some things are getting creamed off by an external company.

I think there's there's got to be a few things that go together, otherwise it doesn't really do anything other than annoying people. You can't you can't see your car's gonna be more expensive but we're not gonna do anything to give you another option.

01:45:49

IN: yeah absolutely it makes us.

01:45:51

P3: Which is so for years you've had this green policy I'm going to try and do everything I know we're going to approve of trains we're going to do it, but nothing actually the only thing they've done in court, and I can only really talk about Cardiff. Like they've put loads of cycle lens and now, which makes it much easier to use your bike but there was still it's nowhere near enough contains the sort of disappear, so if I want to go into town on my bike no problem. I want to go anywhere else within car day. I can't really do it there's there isn't enough facility yeah and it's the same in the past, if you want to just go from where you live in town and then back home again at buses are trainers fairly practical but it's know if you want to go across the city around the city.

01:46:39

IN: So just to just to summarize a just before closing to summarize your last comment, so it doesn't matter it doesn't matter how they design the policy if it's a policy apply for fuel supplier or if it is a policy applied fuel duty, the important thing is it what is the aim of the policy name if we say for example support like reducing emissions, for example. And also that you can see where the money goes like in practice if you go to public transport, if you go to New cycling instructor these are it doesn't matter that much about the fuel price increase.

01:47:18

P3: No. It is more about why, isn't that?

01:47:21

IN: It's more about why and where.

01:47:23

P3: If it gets to a point where it's actually unmanageable For people you know they can't afford to have a car, then you have you have to give people another option don't you? They have to be doing something to help them. To people who can't get to work, for example.

01:47:44

[Irrelevant data]

Participant 4

Date: 7/08/2022

[Begin transcript]

0:0:33

IN: Good, perfect. So please could you introduce yourself, Adam?

0:0:39

P4: Yeah, I'm at [Participants Name]. I'm 32. I live in Pontypridd. I work as a lecturer in the University of South Wales in sports science and I use I use my car most days of the week. Uh, probably, yeah, nearly every day really. Mostly for commuting, which is not a long distance. It's about. It's about 2 miles each way, so it's about 7 minutes the commute and to go to Cardiff multiple times a week for different hobbies and social activities. Yeah. And I I would say I use my car. Yeah. In terms of mileage, maybe 600 ish miles or 700 miles a month, which equates to about 8000 over the whole year. Umm, so yeah, I don't use a huge amount, I'm not that dependent on it, but it's mainly for commuting and going to Cardiff. Umm, that's it, really. And I I use it just myself. I don't have. I don't have a family, so I'm not having to use it for other people. It's just, uh, for my own personal needs.

0:1:48

IN: OK, perfect. Thank you very much and. Now I will explain the interview a little bit and the game that we will be playing.

0:2:3

P4: Yep.

0:2:0

[Irrelevant data]

0:22:13

IN: Ok. There is a question that I want to ask you. You already mentioned in in the introduction as as your travel as your travel behaviour, that you use your car mostly every day to go to the to the job and sometimes to go to to Cardiff, how far is from your house to Cardiff in time or distance? I don't know how you measure.

0:22:33

P4: Uh, it's about 10 miles each way, and it's about it's about 20 minutes, give or take. Yeah, on a on a normal day without too much traffic. About 20 minutes. Yeah.

0:22:44

IN: Yeah, another question is for how long have you been using your car as main transport mode? From what age for example?

0:22:53

P4: Let's say my whole life. For the parts I got my car in 2017, so that's five years now.

0:23:2

IN: Five years ago. What transport mode did you use before?

0:23:6

P4: Bike and train.

0:23:8

IN: OK, Bike and train.

0:23:11

IN: OK, perfect. So this is this is level 2.

0:23:14

[Irrelevant data]

0:25:47

IN: A question here. In your day-to-day life, how do you measure or? I don't know if you do, how do you measure the cost of different transport modes when it comes to thinking about which transport mode to use. Think how do you how do you measure that? How do you make those decisions? I'm gonna just my cars because of that, or I'm gonna just pick the bike because of that. Do you do this kind of analysis?

0:26:17

P4: Umm yes, no. And then I use Journal, journal Journey price calculator. So by knowing the cost of diesel, which is now about 190, whatever it is per litre, and knowing my car miles per gallon, my car normally is about 65 MG, so I can I can estimate it. Typical cost of a journey. So I know they're going to Cardiff and back. The diesel cost would be about £3.00. And yeah, I can. I can roughly estimate the overall cost of of my traveling and and balance it out that way. So if I can, if I wanted to compare it to say for example for example yesterday I went to Cardiff to meet a friend and I got the train instead of driving. Now the the train is 780 return to Forrester Cardiff, but with the drive in it will be £3.00 diesel. But it also with parking would cost probably £4.00 so they wouldn't be much difference in the cost. So one day I can get a train one Dan, get a car. There's not much of a difference. The train would take longer because I've got a walk to the train station. But I was I was interforest anyway I was going for a walk anyway, so it was a nice day. So that circumstance I took the train. But yeah, no generally speaking I can. I know roughly what the cost would be. If I'm going longer distance like for example when I go to Colombia, I'm gonna have to travel to London to get my flight. So. Then this substance it's a no brainer, like getting the driving would be an absolute no no because I would have to spend extortionate amounts on parking UM. And also I fly back on a different airport. So in this circumstance it's obvious and getting the train would be the better option. So it's just wait, it's just wait up really weighing up the, the the cost of diesel and parking versus any cost of buying a train ticket or a coach ticket? So.

0:28:10

IN: OK, perfect. Thank you. So now this is Level 3. This is Level 3 at this level[...].

0:28:18

[Irrelevant data]

0:31:40

IN: So, let's say let's finish the level, now I would like to ask you: Have you been feeling in your real life apart from the game, in your real life? Have you felt that the fuel... the fuel price has affected you in some way?

0:31:57

P4: Have I thought of the field has affected me?

0:31:59

IN: Yeah, impacted you or some some, yeah.

0:32:0

P4: Impacted impacted, yeah. Well, financially, obviously, yeah. But not.

0:32:7

IN: In any in any way. Yeah, that you want to.

0:32:10

P4: Problem that hasn't had any impact on my health, if that's what I mean. I mean, obviously financially, yeah, but not not massively because. Because I don't, I think it's. Yeah. Like I said before, I don't use my car that much. Anyway, I don't make very long journeys. I don't make long journeys very often. I mean, Cardiff, not long. So it hasn't. It hasn't impacted me as much as most other people because my commute, my commute distance is very short anyway. It's this, you know, the impact on my commute cost is not is not big at all. So yeah, I suppose it's maybe more conscious of how much I use my car, really.

0:32:49

IN: OK. And did you ever think that it... At any point in your lifetime will come the time when you can you are not able to for the the price of fuel like you do now. Have you ever thought of that, did you think about that?

0:33:5

P4: Not ready to be honest, no.

0:33:8

IN: All right, but for let's, let's continue with the game. This is level level 4 at this level. Again we have a because reduction of the allowance in the emission trading system, the fuel price has increased. Have a look at the new price. So before was 2.38 that was a [...]

0:33:28

[Irrelevant data]

0:40:2

P4: I can see a major flaw with this, compared with reality. Well, how how does the count for working from home?

0:40:9

IN: Say say what?

0:40:10

P4: I could see a major flaw in this in this model compared to reality. How would it work with regards to working from home?

0:40:16

IN: Yeah, this is this is a very interesting part. Regarding the new reality that we are facing that we're facing right now.

0:40:21

P4: Because obviously you you don't have to spend a single unit on car, bus transport if you can do. If you could earn, earn all your money from home.

0:40:28

IN: Yeah, I'm not even your time.

0:40:30

P4: Exactly, yeah.

0:40:33

IN: Yeah, that's that's very interesting. And it's very interesting that you mentioned. You're the first one that mentioned it through the person that have been participating in the in their interview.

0:40:43

P4: I suppose I've been working from a lot. That's why.

0:40:48

IN: So I will finish the level now and this is kind of the summary information we manage to save like 44 coins and now we have 219 coins. And let's continue. So the question for this level will be. Have you ever conceived on changing your car because of fuel prices?

0:41:13

P4: Uh, not now, not at this point. The only my. The only thing I would consider doing is purchasing electric or hybrid, but that's not. That's not a financially viable option because of the initial expense. The initial huge expense of an electric or hybrid would not be, would not be what's the word saved up would not be counterbalanced by the savings in fuel. It would take several years because the amount, like I said, I don't use much miles anyway, I don't use my I don't. I only use 7008, eight thousand mileage per year, so I don't think I'll be making savings anytime soon, so it's not a finite for me, it's not a financially viable option to purchase a hybrid or electric.

0:41:59

IN: Alright.

0:41:59

P4: Some and better off just sticking with my diesel and diesel is a relatively you is a relatively efficient form of, UM feel it's a lot more MPG than petrol. My car 65 PG so. Even though I expend on average. About 607 hundred miles a month that's only sent me back about 80 to 90 pounds.

0:42:25

IN: A month.

0:42:26

P4: A month, Yeah, we should not a huge amount, so.

0:42:29

IN: Alright. And do you think people in your surrounding are think are thinking about that about changing their cars or do you think like general people think like you?

0:42:40

P4: Check people in my surrounding? to change, changing the cars?

0:42:43

IN: Yeah. Have you heard? Like, people commenting? Considering changing car because of your prices?

0:42:49

P4: So massively no, I mean it's just the old talk of getting the only obvious change in car purchase is changing the car because it feel was is the electric, isn't it? It's trying to cut. Obviously, the future is electric. They're trying to encourage us to buy electric, but the initial cost of an electric is just as ridiculous and also. I had a friend visit a few weeks ago. Look, he had electric car and he asked



to charge the amount of miles, the number of miles you get the mileage, you get. The full charge is ridiculous. It's like it's less than 200 miles, but you can get over 600 miles easily on a full tank of diesel, but only about 200 miles on a full charge electric. So if you're traveling along distance, let's say mid loans to South Wales, which could be like 200 miles, you have to charge multiple times. You have to charge. So that's obviously gonna add more time to your journey. And yeah, that's one thing I noticed. I was surprised that I fully charged electric car, even though yes, you're saving money on fuel. You have to charge. Is it is? It doesn't have a very good mileage. So it's just not giving everything into account until the time money. The initial expense of an electric is extortionate compared to petrol or diesel. It's just not for most people, I think not just myself, but for most people, despite the increase in fuel cost, it's just not a financially viable option. By the electric car now, it might change in 5-10 years, but not now it's.

0:44:24

IN: OK, makes sense. OK, let's continue with the level 5. Now. Again, the emission trading system continues to reduce the allowance and therefore the increase the unitary cost of using the car have a have a look at the new price to reduce travel expenditures. You can avoid visiting some of the facilities. It means that we will get less stars, decide which facilities we should visit at this level. But also remember that we have the different transfer modes. So let's press, OK and see now how how the.

0:44:58

[Irrelevant data]

0:48:57

IN: Well, I do that. I wanted to ask you that you mentioned like your experience during the week and I think you mentioned that you took the train to go to the to go to Cardiff. That was the sense that I got when you mentioned that it was that you used the train because that was a kind of a recreational activity that you you were not very constrained with the time. So the Nice was it was nice. So good will be that kind of the main decision factor for taking the public transport or or the train in order if you are relaxed, you are not constrained with the time.

0:49:29

P4: Exactly, exactly. Absolutely. Because yesterday was a more. Yeah, it was more of the case and we wanted to go out and take advantage of the sun and meditate and. And I was in Treforest anyway. Normally. Yeah. Normally public transport is never gonna be never gonna be car for in terms of time. But yesterday it was more like you said recreation and more relaxed at the time wasn't really an issue. So I got the training stead just for just to mix things up. And like I said in terms of money cost.

Training car because I saved parking and diesel, so there's not much difference really. But I wouldn't do very often.

0:50:8

IN: OK, so now I'm heading back home and you can can see the number of coins that we managed to save at this point. We're still are getting coins. They still are getting coins, but much, much less than we did before because at the beginning we managed to save 65 coins, but now we have only.

0:50:26

[Irrelevant data]

0:50:59

IN: So before reading the structuration for level 6, I wanted to ask you that now we decided to do we have the option to avoid some activities in order to save some coins we decided that we do the same activities with the car because the aim of the game is to get as much as time as possible. We still got some savings less than before. But we still got some savings that at the level. My question here is in your real life, have you ever.

It had to face that kind of decisions avoiding to do some activities because of the fuel price or the cost travel in general. That's all it costing in there.

0:51:44

P4: Have I had to avoid doing activities?

0:51:46

IN: Yeah.

0:51:47

P4: No, it's not. I've. I've never had to. It's more out of choice. It's more out of conscious choice. It's more out of, like, if you know, if there's if there's a social activity elsewhere like and it's. I can Swansea, whatever I'm like. What's the point of going to Swansea? I can just go to Cardiff sort of thing so it's never. It's never been had to. No, I've never had to do it. Just more out of choice, more out of preference.

0:52:9

IN: Yeah, but in in this example that you are giving me the decision factor was because.

0:52:22.10 → 0:52:22.370

P4: Both.

0:52:17

IN: Is the time was too long or also because the travel cost was the a bit higher?

0:52:23

P4: Both I look I look, I think it's a campus.

The cost, money cost and time cost. Yeah, in hours.

Yeah, if there's if there's like an event going on elsewhere, if there's an event, you know, if a family want to arrange an event somewhere miles away. And it took me 6 hours to get there, whatever or six hours, you know, there and back, and then I've got a faction. The diesel cost was like £40 or whatever. Then. Yeah, that would make that would definitely have an impact on my decision. Yeah.

0:52:53

IN: And apart from your, your personal experience, do you think that people perhaps in your surrounding people in your city, the place you you live?

People may be worried about, that kind of impact that like because of the fuel prices they.

0:53:8

P4: Of course. Yeah. Yeah, absolutely. Most people are. I think. I think most people do in this day now because the cost of living.

Issue I think most people now are definitely are a lot more conscious of the spending of fuel and for that reason most people prefer to work from home. But of course in many cases they haven't got that choice. It's, but for course with families and what not. It can be more difficult if I finally commitments. In my case, I don't have that. So in my the financial, the financial burden of this cost of living, rise of the feel of the increase in fuel cost, the financial burden of that hasn't been as bad for me as it has been for the majority of the country. But that's not to say I'm not conscious. That's not to say I'm not taking decisions accordingly. Like I said, you know, I'll weigh things up in terms of.

Time and money, and I'll decide if it's a good option for me to take up.

0:54:3

IN: Perfect. Thank you.

0:54:5

IN: So now this is level 6. Again, the emission trading system allowance continue to decrease and therefore increase the unitary cost of using the car. Have a look of the new price and now a fuel prices increase in too fast that you make. Consider that we may consider to changing the place where we live to somewhere more convenient. Have a look of the House market even if we don't intend to move. Also remember we have to remember that we have available different transport.

0:54:35

[Irrelevant data]

1:2:18.40 → 1:2:38.60

IN: I wanted to ask you about the the move the the decision about moving your residence place, do you think do you think that eventually in in the UK, in Wales just to be more more specific people will be facing this kind of decision to move closer some somehow if they rent or if they if they own a house? Because of the fuel prices, do you think that's that's a possible future for the for the, for the Wales?

1:2:46

P4: It's possible. Yeah, it just depends on. Yeah. For most people it wouldn't be feasible cause a family commitment. And if they have to move, if they had to move to the point where the if they had kids wouldn't need to change school it obviously it makes that more difficult then. Yeah, it's makes more difficult, but it's a possibility for sure. It's for me. For me that's a big advantage for me. That's a big reason why the cost, the rising cost of fuel hasn't impacted me personally as much as most of the people because my commute distance is you know, very, very little. It's almost negligible really.

You know 7 minutes in the car, two-minute 2 miles each way. Or if I go to Treforest, I can walk there. So, it's my commute. Distance has always been.

That's always been a big way for me to save fuel costs. I don't have to spend much on fuel for commuting purposes.

1:3:36

IN: OK, thank you. Well, this is level 7 now. We all know the options available. Change the card, change the house or use different transport modes or combine different transport modes. And also the emission trading system allowance keeps on reducing and but because of a generalized complaints, it will reduce to a lower rate. So it means the full price will increase but won't increase that much as before.

1:4:4

[Irrelevant data]

1:4:38

IN: On the question was if you would like would consider in in the game with those with that level of increase in the fuel price, you would like to complain and what would you like to complain about? What if you, if you will complain and don't think it only as a formal complain? You can always think as a if you are in a path. If you go to the Spanglish meeting on Mondays and you meet your friends and you would like to complain about the fuel prices.

But how would be that complain for you? In case you do want to... If you say that you don't want to complain, just say no.

1:5:14

P4: Ohh, I'd probably won't come down. I just get on with it. Really. Yeah. I mean, there's, there's you. Come. I don't think complaining would lead to any productive solutions. It is where it is. You just have to adapt. Really. And I would in this in this scenario I would add that we've already got more efficient car, but I would adapt by living close to work, you know, like I said, in real life I live close to work and that's a big plus. So, I definitely don't want to be spending loads of fuel just to get to work. UM, well, like I said, I would complain about not having the option to work from home, but that's not, that's not, that's not, uh.

1:5:47

IN: Ohh it's valid.

1:5:49

P4: There's some funding for the purpose of the game. So yeah. No, I wouldn't. I wouldn't. I wouldn't complain really. I would just save up as I'm doing. I'm saving a bit of coins. I can afford to buy a residence in the pink zone in the red zone.

1:6:3

IN: OK, perfect.

1:6:3

[Irrelevant data]

1:9:4

IN: Let us having now we have a talking about the fuel price increase and that the fuel price increase is due to the emission trading system right. As we mentioned mentioning that several times. Have you ever heard about the emission trading systems before? You can have any clue. You don't need to. So just in case you have heard about these policies.

1:9:28

P4: Not a great deal, no.

1:9:31

IN: The emission trading system said there is one working in the European Union that also covered the UK before Brexit and now the European Union has an its own emission trading system that is kind of the another way to name it is the carbon market. That is probably the most, most common name that big companies, big industries have a certain amount of pollution they can emit and if they pass that limit, they have to pay the government like kind of a tax. A compensation and if they have less emissions than the allowance the remaining they can sell to other industries and they create that kind of carbon market

when if you are a company that you reduce your emissions, you can sell kind of your permit to other to other companies. And because some of the the... These cell and the petrol producers, they kind of they cannot reduce emissions almost by no means they cannot go more efficiently in their business. So, what happened normally is that when the allowance reduces the amount of CO2 they can emit. Uh, they deliver those cost, those additional costs to the end user and in the way of increasing the fuel price. So, this is not normally the Sorry, this is normally the way how it works in the in the case of fuel prices. So, I that's what they wanted to add the question I had for you is that we there are different ways different reasons why the fuel price increase is.

Do you have any idea why the fuel price increase in general apart from the emission trading system that can be one of the reasons, So what? Why do you think in the UK recently have the fuel price increase? If you have if you know.

1:11:30

P4: Well, no. Gas prices have become more expensive worldwide because of less supply, less demand. So, less supply, more demand because of the war in Russia. Because we're not able to eat, we're not able to use as much gas from Russia, so less there's less gas supply from Russia, so that overvalue bit will increase worldwide.

1:11:51

IN: And they think that the same for petrol and listen.

1:11:54

P4: I think so, yeah.

1:11:56

IN: And apart from that, that will be.

1:11:58

IN: No, the the the reason will be supply because of external factors like in this case the work. What about pure duties or petrol taxes or or diesel taxes? Is that a? Is that another reason in the UK?

1:12:13.410 → 1:12:16.750

P4: That's another reason. Yeah. Yeah, of course. Yeah. Yeah, I think so. Yeah. Yeah.

1:12:16

IN: Have you noticed? Do you know if the petrol types or petrol or diesel they types has increased in the UK?

1:12:25

P4: I think so. Yeah. I kind of top of my head how much exactly. But I think so, yeah.

1:12:31

IN: Alright. Thank you. OK, this is level 8.

1:12:36

[Irrelevant data]

1:13:30

IN: All right. Have you ever joined a demonstration for any reason in, in, in your life?

1:13:37

P4: Not yet, no.

1:13:40

IN: What? What if I, if I may ask, what will be the talking about transport again about fuel prices and transport costs? What should happen? If you can tell again what should happen in order for you to join a demonstration.

1:14:0

P4: Well, if if the cost of living became ridiculous, so unmanageable when there was little evidence of support from the government to mitigate the situation, and I might do it, then yeah, but.

But yeah, and only if it's like I'm a manageable the the only time where I was sort of like. May be half tempted to join a demonstration was when we had the cover restrictions and we were sort of locked down and there was, yeah.

That was like the massive just doing massive demonstrations last year in London because of Kevin restrictions.

Umm so things like that really. But then we're there. You know, I think most substances you're better off just adapting and and doing what you can to become more resistant and that that in itself will improve situation by adapting your behaviors, by adapting your habits and.

1:14:52

IN: All right. Thank you.

1:14:54

[Irrelevant data]

1:24:0

IN: It's very interesting because every participant makes like different totally different decisions.

1:24:6

P4: There should be an option to undo or cancel in case you make a mistake, which you did. It wasn't my fault. So, you probably spent an extra, I don't know, 20 coins. Yes, that's obviously abysmal 20 coins. But now next time we know where we want to go.

1:24:31

IN: OK, this the final level.

1:24:36

[Irrelevant data]

1:30:13

IN: Before closing, because I think we have run out of time.

1:30:26

P4: Umm.

1:30:19

IN: My question will be like... we talk in this game about the emission trading system as the reason why the fuel price increase in. But we also talk about some external factors like supply like words or some things that cannot be controlled and fuel, fuel, fuel taxes or petrol taxes or these taxes? And I think in the here in the UK they call it the fuel duties. I think so so.

If I may ask. If the fuel price increase come from two different ways, one coming one be in the fuel duty and the other being the emission trading system. What would you think about the different kind of ways

that the fuel prices increase? What, what which one should be more acceptable for you, like the government tells you, I'm gonna increase the fuel duty and then the fuel price or because of the emission trading system, the fuel price will increase.

1:31:23

P4: That's... to be honest, it's it's tricky one. I would say, you know probably the fuel duty would be more difficult to accept if that were to go up. Right.

1:31:33

IN: Why?

1:31:36

P4: Because. We'll show is obviously it's we should be given some allowance to use fuel for basic duties, basic traveling for commuting purposes, but other factors like the... but the training emissions, which small were out of our control, really, it's more, I don't know. I think I think I should be more variable one whereas the. The other one, who was that? That was the one.

1:32:1

IN: The emission training system.

1:32:3

P4: Yeah, yeah, that's more variable one. But if you're tax shouldn't be so much higher cause. We're spending similar amounts of fuel anyway as part of a day-to-day activities, so that shouldn't go up. It's like it's like the electricity standing charge coming up, you know, using electricity. But that goes up anyways, just similar to that sort of thing really just one of those things we should be more more difficult to accept.

1:32:28.370 → 1:32:28.960

IN: OK.

1:32:30.200 → 1:32:32.730

IN: Let me see about one more question here.

1:32:36.960 → 1:32:57.210

IN: OK. No more questions for the for the goodness. Thank you very much

[End transcription]

Participant 5

Date: 08/08/2022

[Transcription begins]

0:0:39

IN: Alright, you can tell me like your name. Where you live, where you work, and your age. Basically, only basic information. And also, I want to know a little bit about your kind of travel behaviour. Like what transport mode do you use? If you use the bike, you have the car, with which frequency you use each different transport mode or public transport.

0:1:9

P5: OK. Hi. Hi there. My name is [Participants Name]. I'm 59 years old. I work for Cardiff City Council. I am a senior social worker working in mental health and I work primarily in the early area of

Cardiff West, Cardiff. I use my car daily for work I have to because when I go into work I might have to drive out from work to go and visit people or go to... Uh, the psychiatric hospital. So, I do need my car. I do find when I come home on a Friday, my job's nine to five. I usually try not to use the car at all weekend, and I probably use my bike bit more than, but we do. We do use the car to go on little trips with my wife. Undertake our dog out so that that's our kind of use of the car is broadly around Cardiff. But I do drive to Bristol and other places, yeah.

0:2:25

IN: OK, perfect. I just turned off my video camera because the connection is not too good. So, I think that will help a little bit. You can keep yours if you want.

0:2:35

P5: OK.

0:2:36

IN: OK. Thank you very much for your introduction and now I will tell you a bit more about the interview today. So, I have designed this uh this interview not as the conventional interview, which is just a having a conversation with the but with the PARTICIPANT. I have design again as an interview tool to facilitate the conversation. So, in other words, we will be playing a game during the interview and I will be introducing some of the questions during this during the time that we play the game. The questions are open so there is no wrong or right answer so you can.

0:3:25.300

P5: Yeah.

0:3:21

[Irrelevant data]

0:31:16

IN: OK, no, no worries about memorizing and making any calculation. We will, we will start making the fun part now. So, before going to the Level 4, we're going to ask you a couple of things.

0:31:30

P5: Yeah.

0:31:31

IN: About a travel behaviour. Like in your daily, in your...

0:31:46

P5: Yeah.

0:31:38

IN: ...Daily activities, daily behaviour in terms of transport. How have you ever have you ever calculated the different cost of using the different transport options that you have available.

0:31:58

P5: Sorry, Alan. You, you, you just froze then and I missed a bit of the sentence. Sorry.

0:32:5

IN: No worries. I mean, in your daily life or I would whatever frequency do you consider, do you analyse the cost of using different transport modes to do your activities? like the cost... How much it will cost you using the bus or using the car.



0:32:25

P5: Yeah. Yeah, I...

0:32:25

IN: Or any other transformer. Did you make those corrections?

0:32:30

P5: I do. I just think of the cars being perhaps the most expensive thing and what I can do to avoid it the better. Umm uh, you know, cause I think with the if you take the car and you wear sometimes it's so congested you use a lot of fuel parking and that but I only take it if I think I have to move something or I need to get there quickly. Yeah, I do. I'm very conscious of petrol cause I think I put I put the petrol in the car and I know how long it lasts. Yeah. So that's my answer, yeah.

0:33:13

IN: Alright, thank you and just one more question. We also have a experienced in the game, some fuel increased. Have you recently or well recently, have you experienced any if impact derived from the fuel price increase have it impacted you lately?

0:33:36

P5: Umm. Not so much on notice, really I'm aware it takes for the first time it's taken like £100 to fill an average car up for petrol. I'm only conscious of that cause I've seen it in the news. I usually just put £30 in, but I notice some perhaps doing another one of them a week, you know, so I'm putting perhaps another £30 of petrol in. A week. So yeah, it has kind of been impacted me in that way. Yeah, yeah.

0:34:11

IN: How have you? Do you know how far to go every day with your car, how far you travel in terms of miles or kilometres?

0:34:21

P5: Uh.

0:34:21

IN: In general, average perhaps.

0:34:22

P5: I probably I probably do. I'm just thinking on a workday, I probably do. About 15 miles. 15 miles, yeah.

0:34:36

IN: Alright.

0:34:36

P5: But it can vary. I never know when I get that's getting to work and picking my wife up, but I never know when I'm in work, whether I'll have to drive a lot more than that, you know. So it's usually about 15 miles. I'm thinking, yeah.

0:34:54

IN: And in time, how far will be the time?

0:34:59

P5: Time but I. I probably drive. But now today. Yeah. Yeah, about an hour.

0:35:9

IN: And I will, but don't include it going to the office and also doing the other trips that you have to do with for the because of the visits.

0:35:16.740

P5: Yeah. Yeah. On an average, yes. Yeah, yeah, yeah.

0:35:20

IN: And only between your house and your office. How far will?

0:35:23

P5: Yes. Yeah. I know, I know, it's it's about 5 miles. To from my house to my office. But I do a detour into the city centre every day and every evening, so it it it's about 7 miles, I think, yeah.

0:35:45

IN: I mean time that this like 15 minutes this.

0:35:49

P5: Sorry.

0:35:50

IN: In times in terms of time.

0:35:52

P5: How long does that take me? I think I think it is about half an hour. Yeah, yeah.

0:35:56

IN: One way?

0:35:58

P5: Yeah.

0:36:4

IN: Alright.

0:35:59

P5: No, no, it's half an hour journey. Half an hour back, about an hour. Yes. Yeah.

0:36:6

IN: And our entire day. OK, perfect. Let's continue with the level 4.

0:36:11

[Irrelevant data]

0:43:55

IN: Before giving, giving you the instructions for the level 5. I wanted to ask you... We made a decision that is, probably, nowadays a trendy topic for, for drivers, for drivers, which is changing for a more efficient time. Is that a decision that you have been thinking about? You have ever considered? What? What kind of comment about that decision of changing your car for a more efficient one, if you kind of... if you want to comment?

0:44:21

P5: Umm. And must admit, Allan, I don't. I don't. A bit that much thought really. Umm, because of the initial layout of paying more for a car. Umm. You know, I just kind of trundle along really with it with the I'm not I'm great interesting cars. And. But I would. It's it's... No, I don't think I would actually. I don't think. I don't think about changing my car that much. I usually keep my cars until they don't drive anymore or totally break down. And you know... So that's all I can say really. Yeah.

0:45:20

IN: Yeah. Perfect. That's brilliant.

0:45:23

P5: Yeah.

0:45:23

IN: What? What can you tell about people in your surroundings, does people talk about? is people talking about this kind of thing? Changing

car is something that you consider is people is worried about? or do you think that many people think like you like? Like, I'm not really gonna change my car.

0:45:46

P5: I as I don't think people are you still there?

0:45:54

IN: Yeah, I'm here. I'm here.

0:45:55

P5: Yeah. I think people just realise that, but patrol is going up and think of ways of, you know, using bikes. You know, increasingly, my friends, you know, able to have bus passes and using that. But I mostly my friends are staying well I can cycle there it's easier for me to cycle so they that they go for that option.

0:46:25

IN: Alright.

0:46:26

P5: But I don't hear many people saying about changing their cars. I suppose the big thing we're all holding back on is the government ban on the sale of new petrol and diesel vehicles, which is about six or eight years away, isn't it?

0:46:47

IN: You. Yeah, but it can be do it. That's what you think?

0:46:52

P5: Yeah, yeah, yeah, that's the conversations I have with my friends about. Ohh, let's just keep this car going until I have to buy an electric car.

0:47:2

IN: I was curious about something that that you just mentioned. How many cars have you had in your life?

0:47:9

P5: Oh, right. Ah, I've. I've only had cars in the last 20 years. I used to Co use a car with my father and I think I've had. Must be about four cars. In 20 years.

0:47:28

IN: OK. In the previous times that you have, you had those cars you changed then, as you said, like when they were actually really, really old, they could drive anymore. That was the case as well for those cases?

0:47:44

P5: Yeah. Yeah. Yes, it was. Yes, yes, yeah.

0:47:49

IN: OK. Interesting. OK, let's continue with the game.

0:47:55

[Irrelevant data]

0:52:24

IN: And before reading the instruction for Level 6, the question now is: Have you ever experienced to avoid doing things that you want to do because of the cost of petrol?

0:52:44

P5: Ah, good question. Ohm. And the answer is no. I will always do, I will always do what I want to do, yeah. Yeah.

0:52:57

IN: OK, but even if you consider long distance trips, because that could be more, perhaps more, more realistic like you avoid using the car for A to visit a long a place which is distant from your house. Even in that case you always do with the car if you can.

0:53:15

P5: I always do it with the car. Yeah, yeah, yeah.

0:53:17

IN: In your in your surrounding people friend. Perhaps the colleagues, the people that you work with, do you think that the cost of petrol is something that has impacted people around you? Like they actually may have to face that decision?

0:53:30

P5: Yeah, yeah, I can give you a I can give you a fantastic example. Actually, colleague of mine works at P in the valley or let's sorry. Lives up in the valleys used to work with me in Cardiff and he's actually swapped his job because of the price of the petrol and the traveling time. So, he's he's taking a similar job which is about 10 minutes away from his house. And because he it was basically he wanted to save money and he wanted to save time. He was sick to death of driving that way everyday. So that's the clearest example that I have, but I don't hear about people saying they're not going anywhere because of the price of the petrol, but for leisure and recreation tool, no.

0:54:25

IN

Alright, alright. And just a question about the example you gave me. Perhaps, I don't know if you know if you have that information, but in the case of your friend, do you know if the if the job that he got there was equally paid compared with the previous job or was less paid or better place?

0:54:43

P5: It was it. It was the same position in the National Health Service. So it be exactly the same money, yeah.

0:54:50

IN: Alright.

0:54:54

P5: Yes.

0:54:52

IN: Perfect, because that makes a lot of sense. If he's going to get the same money, travel less, use car less. Better.

0:54:56

P5: Yeah, yeah, yeah, yeah.

0:54:59

IN: Perfect. Thank you very much. Now let's continue with Level 6. Remember, we have 10 levels. So, we are now at the middle of the game.

0:55:8

[Irrelevant data]

0:55:41

IN: So before going to the before going to the level another question, I wanted to ask is that in the game, because of course this this is a simulation, this again, but we try to use the bus in the in the previous level to go to do some of the facilities. Do you ever use the bike?

0:56:2

P5: The bike?

0:56:3

IN: The I'm sorry, the bus.

0:56:5

P5: The bus. No, I don't. However, however Allan, within a few days I'll be getting a free bus pass. Because of my age, which and that will encourage me to use the bus to go into the city centre. Uh, I'm going to, I don't know about bus, bus routes or anything and where to catch buses, but I'm going to learn how to do that. Yeah, but I don't at the moment. I don't use the bus at all. I must admit, yeah. It's an.

0:56:41

IN

And because that... Continue please.

0:56:45

P5: Is it? It's a number of years since I've used the bus and that's cause of because I can't can cycle, walk or run or, I've got the car outside and I can get to places quite quickly, yeah.

0:57:3

IN: All right.

0:57:4

P5: Another thing that, sorry, another thing that holds me up from using that the bus at the moment, but. I'm. I'm going to try to change my habit because I have this free bus pass. Is that actual walking to the bus stop? But I'm gonna get more used to bus timetables and routes and everything because I think I think they're great buses and maybe privilege that. The Welsh Government Transport Wales and want to do this, you know? So I'm not gonna waste the opportunity. Yes, yeah, yeah.

0:57:40

IN: Yeah, it makes sense. It makes sense. So the, the, the, the reason now for you in the pass is because you can have a motivation because now it will be free for you. So, the that would be under score encouragement to doing it.

0:57:53

P5: Yes, yeah, yeah. Ah yes. Yeah. Yeah.

0:57:56

IN

OK, that was my question now. So, the instruction told us to go to see the change the House market, the residence market. So this is this is kind of the same, the same similar to the car market. So let me show you where the residents are. So we have the actor, the current residence is here in this corner. Then we have the green residence here. Then we have the yellow residence.

0:58:24

[Irrelevant data]

1:4:28

IN: The question now is it. In the previous level we faced the decision of changing their house or not to we were not able to do it in the in the game and because of because of the Collins but I can kind of come understand the changing the place where you live because of the transport costs, the transport cost is not something that people consider like normally, but do you think that somehow the transport costs may influence the place you live or change, or before you buy a

house, or if you are renting, do you think that people think about transport costs when they think about where to live?

1:5:20

P5: Umm I don't think so. No, I don't think people do because. You know, you share of people getting new jobs and they say it's over in Bristol. Wow, I'm. I'm working, you know, and the they don't think about the transport. I don't know if there's some arrangement that they get paid money to travel over there. But no, I don't. I don't. I don't think. I think with homes it's the location of people are very interested in, you know, sense of community. You know, if it's nice architecture. And you know, if they're going to be broken into, you know, and that affects the insurance. And I did, I think I don't hear people say ohh I'd plan to live here because it's near my job because their job might be you know houses for life 25 years whatever mortgage is and a job is seen sometimes it's quite a short term thing you know you might just be there two years. You might be there six months and then you'd be leaving to go somewhere else so. I thought it was straight smile point. I don't think people think about the distance. It's only when you get into a perhaps a situation like my my former colleague who who just analysed and thought ohh God, I'm spending so much money on fuel. Umm, but then again, he did the other way around. He changed his job rather than move his house. Yeah.

1:7:6

IN: Do you think that perhaps a well, I don't know if you can actually answer that, but if if we were talking about younger people, people that they are gonna buy their first house, the 1st house and apartment, do you think in that case do you think transportation will be something to consider or the you mentioned some other factors like community architecture and the insurance at some of the factors it's do you think that's the case also for younger people buying their new 1st house?

1:7:38

P5: No, I do have some well. experience of this because I have nieces who are buying their new houses and with their partners and a number of nieces actually and it that they just think, am I earning enough? What's the best house I can get for the money that I earn? The they never, ever mention travel at all to me at all. Yeah. So.

1:8:14

IN: Alright, perfect. Thank you very much.

1:8:15

P5: That's all I know. Afraid.

1:8:17

IN: Perfect. Perfect.

1:8:33

P5: Yeah.

1:8:19

IN: OK, this is level 7. Now we know all the options available, change card. We still have one option of card to change and move house or use a different transfer mode. We have been used in different transfer mode so the few do that keeps on increasing but because of the analysed complaints it increases to a lower rate. So, it will still increase but less. Have a look of the new price and also the game ask us if you would like to complain about the fuel price. What would you say if you would like to complain about if your prices? Or fuel duties in general. If you want. If you don't want to complain, they there is no need to. So, this is kind of the question at this point. Considering what happened in the game, but also considering what happened in real life. Is complaining about fuel prices, something that you do like if you

get together with friends and you say ohh like the price is going too high Is this something like you do or the people are around you?

1:9:29

P5: Umm. No, no, no, not really. No, no. That, that, that there's like an old joke, I think that. Friends about this, I don't care how much the price of fuel goes up. I'm only putting in £20 and they don't. It's not a top, it's not a top thing for us at all, you know, I mean, I'm aware with. I suppose as though that's not true. I think we're all realizing that products are going up. And this not might not be part of your survey but products are going up and you know but you know things that we need food and that old going up and that is because of the petrol and a lot of other things and we do discuss that now and again but.

The products because of the products that you consume. Food and things that you buy in supermarkets that, that they're all kind of slightly going up because it costs much more to transport them. Umm, but then I think I think... The reason ... we don't talk about that is that we're in a position to increase our income if we need to...

1:10:55

IN: So instead of complaining, you will work on increasing the income because you can.

1:11:0

P5: We can do overtime with the jobs that you know, so yeah.

1:11:6

IN: Alright, perfect, makes sense.

1:11:8

P5: I'm just trying to think of a reason why we don't talk about it. I don't know. In there I put. I did go around with people like that, you know? Yeah.

1:11:18

IN: No, no worries. That's the idea with the game kind of simulate those situations and they can make us think about that. So now what's about the complaining? You already make some comment. Thank you for that. And just make the decisions how we do the job. So, before we just say combination of using the bus and using the car.

1:11:49

[Irrelevant data]

1:17:8

IN

Alright. This is the this is the question now. Have you ever had to join a demonstration in order to change something not necessarily related with transport for whatever?

1:17:22

P5: Yes, I have. Yeah, yeah, yeah.

1:17:25

IN: Can we know what was the topic?

1:17:29

P5: There were two, but I suppose I suppose when I was a college, we had very limited space. I was at Art college, and we needed bigger spaces and we demonstrated by not leaving the building for a few days, so this was a long time ago, but... Nothing happened but.

1:17:58

IN: That's amazing. And the other one?

1:17:59

P5: So it was a sit down demonstration and you couldn't, you couldn't leave but... they just left us there.

1:18:11

IN: OK, perfect. So, in now this is level 8, we're almost to almost to finish.

1:18:19

P5

Yep.

1:18:19

IN: So now the car again because of the fuel price, is no longer than more efficient one. This is again the more expensive one. So which strategy should we apply here?

1:18:36

[Irrelevant data]

1:20:56

IN: So, now because of the time I don't want to go beyond one hour and a half and I want to ask you something instead. I've been talking about the fuel duty as the reason for increasing the fuel price. Right?

1:21:22

P5: Yeah.

1:21:23

IN:

Are you conscious about how the fuel duty or the petrol tax? I think I think it it is called fuel duty here in the UK, how it works? Do you know if that's a percentage or a fix value? How is that money used after it is collected? Something like that?

1:21:45

P5: I have I must to say. I have no idea. I just have this kind of vague idea that petrol companies are very rich and you know, and you know. Yeah, that's all. That's my only view on it, really. And I know that a rich and you know there are always rich people and summers. Yeah, yeah.

1:22:14

IN: Yeah, there is. There is another question related to that. It's like... Do you think that the acceptability of a transport policy, specific transport policy that has an impact on the fuel price, like, for example the petrol tax, has an impact on the fuel price... but there are, there are other policies that also impact fuel prices, like for example the emission trading system, the emission trading system is or I think the emission trading system is a is better known as the carbon market.

1:22:55

P5: Yeah, yeah.

1:22:47

IN: Like when some of the biggest companies are allowed to produce some level of emissions, some level of CO2 and after they pass that level, they have to pay a kind of a tax on additional amount of money to the government. But if they don't, if they don't produce that amount of CO2, they can, they can sell their permits, they allow us to other companies that are polluting.

1:23:29

P5: Yeah.



1:23:17

IN: That OK generating the pollution so and in that kind of way, some companies that go like let's say greener or go green and they start reducing the emissions.

1:23:41

P5: But yeah.

1:23:31

IN: You'll save some money, but some other companies, like in the case of fuel producers, they have no way you have to reduce emissions because that's the core of their business. It's a burning oil.

1:23:43

P5: Yeah, yeah.

1:23:43

IN: So not normally the emission trading system generates that they increase their production cost. And because of that, they kind of transfer those costs to the final user. Which is not a tax, which is the user pays directly is kind of indirect.

1:24:11

P5: Yeah.

1:24:8

IN: ...From the company to the user, but my question my question is after the explaining that is, do you think that depending of the policy because that policy for example the emission trading system is focused on reducing emissions and with a few duty you don't know as you as you as you don't mention which is the case for many people you don't know what they do with that money was the reason for the that money. Do you think the kind of policy of the reason behind the policy? May change your perception towards the policy like if the fuel price increases for one of those policies. For example, your perception will be different, one to comparing one to the other. I don't have any make sense with my question.

1:24:56

P5: It did make sense and thank thanks for telling me about that, but. I've really. I've really don't know is the true answer. Allan. You know, I'd have to find out some more about it, I think, but I couldn't but say one or the other. You know, I think most people just want to get the cheapest fuel they can. And I know there's ecological reasons sometimes. Why? Why? About about fuel, you know, but. But I think people are in such a a state and I I suppose I am myself, you know that. I just want to have the cheapest thing that I I I've bought something and kept as much money for myself, you know, so it's it's it sounds very selfish doesn't it but... You know, I am concerned about the environment admissions and that. Yeah. Yeah, but... I don't really quite them, which is not good. I don't, sorry.

1:26:6

IN

No, it's fine. Perfect. I rather thank you for the thank you for the question. For every point of view is actually what I'm looking for, how people think, how people avoid thinking and some, some stuff. And that's a very, very interesting indeed.

1:26:21

[Transcription end]

Participant 6

Date: 02/09/2022

[Transcription begins]

0:0:19

IN: OK, recording transcript and backup. Alright. OK. Please, could you introduce yourself? Perhaps you can tell me your name. And where do you live at your age. And you have been selected for this research, because you answered that you use the car as main transport mode, so I also would like to know a little bit of how you use the car in your in your life, like how many days per week, how far do you travel? A little bit, a brief of your travel behaviour. OK please continue.

0:0:51.160

P6: Yep, so I'm [Participants name]. I'm 71 years old, so I no longer work for my living. Umm. I live in North Cardiff. Uh, and I use the car. Most days of the week. If I'm going anywhere. Uh to shop or visit friends. Family. I will. Almost always use the car. That doesn't make me happy, but. That's how it is.

0:1:29

IN: OK. Do you normally use a car to move inside or to travel inside Cardiff? What do you usually go somewhere else?

0:1:39

P6

The to travel inside Cardiff if I were, if I'm going into the city, I'd go on the bus. But if I'm going anywhere else, the transport public transport's not good enough. To get me where I need to go in the city. So yeah, it's it. If I if I use public transport, it's to go into the city centre only.

0:2:3

IN: Perfect. Thank you very much for your introduction. Now coming back to the research. I want to explain you that I have designed this research project that uses a game as an interview tool to facilitate the conversation. So we will be playing a game together and during the time that we played the game, I will be asking you some questions regarding some decisions that may be associated with fuel prices. The questions that answers are open, so there is no wrong or right answer, so please feel free to make any comment that you wish appropriate you consider appropriate.

0:2:43

[Irrelevant data]

0:28:59

IN: And now, before continuing with Level 3 there was a question that I wanted to ask you. In your days, in your real life, aside of the game. How is the reason and the reasoning when you think about transport costs? How you compare different transport, different transport mode? When you think about their costs? Is that something that you think about and how?

0:29:31

P6: No, I don't. I don't compare modes of transport. Umm. Because I don't really. It's not a real choice because the bus isn't gonna go where I want to go. And I'm too nervous on a a bicycle. I'm much too nervous to go on the road. I would only go ride my bike in a park. Umm, so I don't. I don't really have a choice. I either walk or I go in the car and obviously walking takes too long. If you know as you stay. So, I don't have a choice. But I do have a I my choices will be. Environmental I'll worry about. Using the car unnecessarily. And I try to combine things. So instead of taking the car out twice, I try to do. Uh. All my shopping. All my food shopping in one go. Uh. Maybe visit my family the same day while I'm still out. So I try and combine activities so I don't use the car as much. To temperamental, but it's also cost. Isn't this cost? Obviously, because fuel is so expensive.

0:30:59

IN: OK, OK. To summarize, would you agree with that in your case, in your specific case, car is probably the only option for you for most of the trips. It's that right?

0:31:12

P6: Yes, it is. Yes, yes. So it's not an option really, it's. You know it's the only way. I don't have a choice really.

0:31:23

IN: Perfect.

0:31:23

P6: Because public transport is so poor in Cardiff, it's such useless, I think.

0:31:32

IN: Perfect. And given your answer, let's go back to level 2-3 and at this level due to 1 fuel duty, the fuel price has had a look of the new price.

0:31:47

[Irrelevant data]

0:34:52

IN: The question now before going to level 4 is in the game we experience a few fuel prices, a fuel price increase. Have you experienced fuel price increases in real life aside from the game, and how have how has that impacted you in your life?

0:35:19

P6: Well, yes, obviously, recently fuel prices. And jumped very high during the summer and it made me. Cut down on the number of journeys I did. I did reassess. Whether I needed to do something and. I walked a couple of times instead of taking the car out and. Yeah, it it. It made me reassess on it and I did cut down on journeys.

0:35:58

IN: You commented that this increase significantly. In terms of money, how do you calculation?

0:36:14

P6: So I don't. I can't. I it's not something I can do it and also.. Umm, because I'm not doing exactly the same journeys every day, every week? Uh, it that would be impossible to calculate, but I wouldn't. I wouldn't try to calculate that because still, everything else aside, the car is still my only really practical way of getting to where I need to go in the time I have available. So it it's not a calculation I would make.

0:36:58

IN: Perfect. Thank you very much for your answer. Let's go back to the game. So, this is level 4 now at this level, due to an increase in the fuel duty, the fuel price has increased again. So have a look at the new price now.

0:37:13

[Irrelevant data]

0:43:28

IN: We're going to level 5. Let me ask you the of your real life, isn't that? Changing for a more efficient car or a leg or hybrid vehicles which are now more, but it's something that you have been considering increase.

0:43:44

P6

Oh yeah, yeah, definitely. But there's there's still too costly. And we have a diesel car, so. I'm that you know, that's a dilemma. That's a moral dilemma and a financial dilemma that I struggle with, but truly, we don't have enough money for a good hybrid or electric car.

0:44:15

IN: And did you see that happening soon that they either you get the money or either the become cheaper?

0:44:21

P6: Well, we want our income won't change because we retired. So I I'm waiting. We're waiting for cars to become more affordable. We also have a dilemma because we own a small camper van. And that is petrol, but it uses lots and lots of petrol. It's. Very high consumption. So we have that dilemma about whether we keep using the camper van for holidays, but. It's a good way to go on holiday. Yeah.

0:45:1

IN: Absolutely. And what about people around you is, have you noticed that people is facing that decision has some of your friends or family change for more efficient cars?

0:45:12

P6: My... No, but they are my daughter lives half a mile away. Umm. And the course? She's 30 years younger than me, 20 years younger than me. She uses, they use their family car lot less. So they've both started cycling more. My daughter and son-in-law. Umm. And they have two family cars, and they'll use the smaller one. The most more fuel efficient one. So yeah, no, I certainly know that for a fact that if they can avoid using the bigger car, they will. Umm. And that they're both using their bikes more and my daughter walks because she can walk to work. She's in. It's quicker for her to walk to work than take the car. So she's lucky.

0:46:15

IN: That's it. That's it. Like being able to...

0:46:18

P6: But for me I struggle. I struggle with the moral thing about the environment and so I only started, I started learning to cycle only six months ago cause I wasn't allowed a bike when I was a child. My mother wouldn't let me have a bike. So I've just tried to Start learning to cycle in the last six months because of my moral dilemma. And that's very interesting. What? Why was not allowed? Because you were a female. You were not allowed or. Ohh, we my mother. My mother. You know my brother. You know my brother from the Spanish group in in on a Monday evening. I think he cycles everywhere. And when I ask my mother.

0:47:6

IN: Dai?

0:47:7.650

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0:47:12.100

P6

Dai. Yeah. Well, and I asked my mother why? Why did David have a? Why did you buy David to bike? Well, he's a boy. He's a man.

0:47:20

IN: Yeah, that time.

0:47:20

P6: I can't, I cannot. I cannot deal with that attitude. It's very hard.

0:47:27

IN: That's how it was back then.

0:47:29

P6: Yeah.

0:47:30

IN: Very interesting. But it again, so the example the about your about your daughter, is that A and your son-in-law is that they try to change the car for the bike because possible from them. But what about? People are around you talking about cars? These people do you do? Do you think people changing for more efficient cars or it's not?

0:47:54

P6: Yes, yes, people who can. Yes, there are. We have a friends and acquaintances who have bought electric cars, but they've they're better

off than we have more money than we do. Umm, you know? So they've been able to go for it or they've had some sort of subsidy through their job or something like that. Yeah.

0:48:21.180

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0:48:24.210

IN

Alright, thank you very much. Let's continue with the game.

0:48:25

[Irrelevant data]

0:53:40

IN: So I'm gonna hit. OK, OK. I know this is level 6, but before going to and wanted to ask you something. You can already answer the question. But perhaps you can expand your previous comment like. Because of fuel price increases in real life, apart from the game. Have you been forced to avoid doing things that you did before? Because it's it became too expensive for you to use in the car, like visiting France or going on holidays? How does this change?

0:54:14

P6: No, it hasn't changed. We're not, we're. We have enough money that we can still do everything we did before. But. It has made me be thoughtful about whether we should use the camper van or the car camper vans as only small, so it's like a car. But I try not to use it. I try to use the only the car and I try to combine activities. With the car. So, I'll try and visit my mother. And. Umm. Go shopping. And go and do my cycling lesson all on the all in one go. So the car is out. I mean, I'm stopping and starting. So that's a, but at least the cars going on a journey and it's not doubling back and going home and going back out again. That's how. But no, we as far as doing everything we want to do and used to do is still doing all of that because we're comfortable enough with two incomes two pensions and two private pensions that we can, but If I were on my own as a single person, that might be different, I might have. I might have curtailed some activities.

0:55:54

IN: Alright, thank you. Perhaps it rephrase it. Do you have? Do you have me being forced to stop doing activities, but instead you have to rearrange and behaviour to accommodate all. All better way, the more efficient way.

0:56:8

P6: Yeah, to try to. Yeah. Try to be more efficient. Yes, definitely done that pretty much. I don't think my husband has that. I don't think my husband has done that. He still. He will still take the car out to buy one item in a shop. Say, say, were you cooking something and we missing one thing? I will just change the recipe. I'll adapt to what I'm going to cook.

And I say, well, no, we don't have any Peppers. So we'll just do this instead because this is what we've got. But he says no, I'll go. I'll go and buy some Peppers. And I say no, we can't take the car out for one item. So.

0:57:2

IN: OK, perfect.

0:57:1

P6: There's definitely, there's definitely. Me trying to. Keep things. Down a bit and he will just go. Oh no, I want that. So I'm going now and I say. Why don't you walk? Why didn't you walk to the post office? It's not for. And don't go out for one one food item because we can adapt recipes. We don't have to have. With roasted vegetables, we don't have to have Peppers every time. We can just have what other vegetables we have in the House, you know? So I'm doing that a lot more than.

0:57:41

IN: Perfect. And I'm gonna ask you a question before I forget something

I normally ask at the beginning of the game is for how long have you been driving and using the car as main transport mode in your life?

0:57:52

P6: Of forever like since 1973.

0:57:57

IN: How old were you at that at that time?

0:57:59

P6: 22.

0:58:3

IN: 22 and the other question is, did your parents have a car?

0:58:9

P6: No. No.

0:58:14

P6: When I was growing up, but I was married when I was 21. So I then had more money after I was married. I had more money and access to a vehicle.

0:58:28

IN: Perfect. Thank you very much. Now let's go back to level 6 in the game.

0:58:35

[Irrelevant data]

1:1:20

IN

We don't have all the facilities in there, but still we have some of the all the facilities are very close in the yellow zone. So it's all packed together. So now the question is, would you like to change the place where we live now? In the game.

1:1:41

P6: Well, it wouldn't just be, it wouldn't just be about money. If I changed my house. Is this in real life or in the game?

1:1:50

IN: In the game, this is the game.

1:1:52

[Irrelevant data]

1:2:21

P6: Umm well yes, perhaps I should consider my car then. Rather. I mean, moving house would be. You'd have to have other reasons, I think, for moving house, not just financial. You'd have to really like the area a lot better. And so, because your neighbours are important, so maybe I would should look at going for a more efficient car now. So I've got the money now, haven't I?

1:2:54

IN: Let's go. This is the car market, and let's see the car type C, which is very efficient.

1:3:6

[Irrelevant data]

1:5:58

IN: Perfect. Perfect. It makes sense now into level 7. The question will be that to the housing decision already made some comments that they it's not only about the money. Then what you think when? When you decide to change your house? But do you think it will eventually be? The transport expenses, one very important factor for deciding where to live or the if you want to change, you think that is something that may happen?

1:6:35

P6: No, I don't. No. I think where you live. Is so. It's about. Where you bring up your children and where you educate your children and what your neighbours are like. And so I think it's a lot more to me. Living in a a safe neighborhood with good schools, but that my children

can walk to. When I say my children I'm talking about when I was younger, now obviously, but I'm thinking of my daughter, who only lives half a mile away from me and her children have always been able to walk to school. And it's a. It's a nice neighborhood with. Good schools, good parks and bike routes and things for the children. So, it's all. There's a lot more to to where you live than just how. So, I would be prepared to spend on my housing. You know, I would put, I would not want to sacrifice my neighbourhood unless all those other things were as good or better, but I'd still have. I would still have a dilemma of having to move away from my daughter or she from me. You know, we're still very close, so if she needs me. I can be there. I can walk there in 10 minutes. I can drive there in 3 minutes. So also, being close to someone. To that gives you support is important. To lots of people.

1:8:31

IN: Close to the support networks. The terminology normally used to the friends and the important security. You also mentioned important security they still, it is you married you mentioned this important for the in the example you gave for the kid. Uh to the school? But...

1:8:55

P6: Yes. So, they're not, they're not. Having to use buses or they, you know, children can walk and I think I I would always prefer my children to walk to school if they could.

1:9:13

IN: Thank you very much for your comment, let's go back to the game.

1:9:16

[Irrelevant data]

1:9:28

IN: Have a look at the new price of few of the fuel and the question now is gonna be at the beginning of the level rather than at the end is would you like to complain about fuel duties as the reason to the fuel price increase?

1:9:56

[Irrelevant data]

1:10:49

IN: What would you say about the price increase in so fast and then and go just what would you say?

1:10:57

P6: Well. It's immoral because the energy companies are making huge profit, so they could. They could cut their profits and cut. Uh. Price of fuel. And also. The government could. Levy less duty on the fuel. That so there's two, two things I would complain about the that the duty levied by the government is too high. But I think first of all. That the profits made by energy companies. Annoys me more than anything. I would sign petitions and as well as complain to my friends.

1:11:51

IN: If you just to think the perfect perspective hearing the UK fuel providers, the fuel suppliers work in a free market kind of way, so they compete in the market. They increase the price; they make the profit as much profit as they can. So, will you agree that they continue being working in that way? But? Controlling their profits so still work as a private as a private providers, but the government controlling the price. I'm asking you just to complement the question complement the question because it doesn't work that way in every country. For example, in my country the fuel suppliers are a on by the public sector by the government. So because of that the government is able to control the price and just provide the cheapest price as possible. But still, it's not a profitable business.

1:12:46

P6: Umm. The in most of the cases, the government lose money. Yeah.

1:12:52

IN: In the whole petrol petroleum fuel system so. I don't. I don't know at that. I'm not really. I'm not. I don't not understand enough about economics really to comment. I would probably stick with our system. And get on but have strict controls on price. Prices to consumers. However, if fuel is too cheap. Then people. You know, we have to think of the environment as well and so it shouldn't be too cheap. Because we do need to be encouraged to use other forms of transport. I think what we need is. Much more investment in public transport and for public transport to be publicly owned. Maybe, but I don't know enough about economics to to be a good, you know, I'm not sure I'm I would be right on that. I do worry about. I do worry about.

People overusing their cars and. I do worry that, you know, we take these fuels for granted and. Yeah.

1:14:22

IN: Perfect. Thank you very much.

1:14:32

P6: Yes, yes.

1:14:24.470

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1:14:36.530

IN

So now I'm we have to continue with Level 7. So I I'm thinking that we are gonna still use the the car because it's the cheapest, the cheapest one, right? And do all the facilities again, right?

1:14:37

[Irrelevant data]

1:16:35

IN

Similar, similarly as in real life, we join a demonstration. We don't know. It's something will happen after that, so few price may continue increasing or not. So that's something that we know. But if you think we can risk it. So would you like to join a demonstration in the game?

1:16:53

P6: Ohh yeah definitely I'm a definitely a demonstration person.

1:16:58

IN: Alright.

1:17:0

[Irrelevant data]

1:19:26

IN: Him and 31 starts in total. Now my question would be before going to level 9. Is have you ever joined a demonstration for any reason? In your in your life.

1:19:40

P6: Yes. Many, many demonstrations.

1:19:45

IN: Really. So what? What would be the topics if you can if you can share?

1:19:49

P6: The Political independence for Wales? Uh protests.

1:19:59

IN: You are definitely a sister of Dai.

1:20:3

P6: I am. Uh. Protesting about? Uh, like things like when we had poll tax? Taxes on each person, whether they used facilities or not during the Thatcher years. When did I was involved in a political trial in the 1980s, he was actually imprisoned and held without trial for nine months. I had to do a lot of. Marching and protesting then. Also, I go on, of course I go on. The parades as the Saint David's Day parade and things. But that's not a protest, that's a celebration.

1:20:59

IN: Right.



1:20:59

P6: Yes, many protests.

1:21:2

IN: Any of those protect protest related transport expenses? Fuel costs?

1:21:8

P6: And yes, the poll tax. That, that. No, that wasn't about fuel, that was, that was. That was a tax on just existing. And you know, and with when you pay council tax. You pay it when you live in a property, so you have. Some facilities that you're paying for. But the poll tax was of tax on. Being a person, whether you owned property or not. Yeah.

1:21:43

IN: That you work or not, you pay that?

1:21:47

P6: It was. It was just awful. So, they are. But there was nothing. No. I've never protested about fuel yet, but I would.

1:21:59

IN: Alright.

1:22:2

IN: Thank you very much for your answer. And now let's go back to the game. This is level 9. We still have two more levels 9 and 10 to finish and now we can add at three wheel. So, the fuel duty continue increasing one more time and.

1:22:26

[Irrelevant data]

1:24:19

IN: Sorry a little bit of a petrol.

1:24:23

P6: Yeah, you wasted my fuel there.

1:24:27

IN: I used it unwisely.

1:24:31

P6: Just like my husband.

1:24:36

IN: Sorry about that. So now the bike.

1:24:41

P6: Yeah.

1:24:46

[Irrelevant data]

1:29:2

IN: My question will be do you which of the way do you think will be more acceptable for you as a user? If you see that the fuel price increase because of the fuel duty and or you see that the fuel price increase because of the emission trading system.

1:29:21

P6: Umm. I think. The latter would be more acceptable that that. I would understand that. I mean my desire would be to create less pollution. I'm and I. When you explained that about, they can sell their pollution allowance to another company. That seems counterproductive to me that. You know that you find a way to limit pollution and but you allow some other company just to carry on and. Not seems Sir. Not a good way to go. So I think the latter of the, if I had to choose of those two that you gave me that I'd say. I could. The emissions trading system I could accept if it was about emissions. I think am I saying that right? So it costs more because we're paying that their penalty, aren't we? But I could understand that as a consumer, and I think it's more likely to drive people to care more about the environment. Because they'll see the effect that they're driving is having and then and then based on the emissions. Yeah.

1:31:8

IN: You don't think that would be the same. The price will increase.

1:31:15

P6: Well, it will. It will increase. Yeah, it will increase, but it if it's linked to paying emissions duty. Then people will get more and more angry and more likely to. Cause trouble and that's what we need. We just need to. And we need to stop polluting the world anyway.

1:31:44

[Irrelevant data]

1:34:10

IN: Do you think that will make a difference? In how people perceive it, how will how?

1:34:14

P6: I think I think it would. Yes, I think it would make a difference, but. No, you've just pointed out that it would be very costly. Don't know. The other system. Yeah, to... I don't know. I don't know. I do think it would make a difference. It's part of. It would be part of educating people because people just don't think enough. I mean, you see people racing along the motorway, now they're still going, you know, 90 miles an hour. They're using far more fuel than they need to, just to save a minute or two or five minutes at most on their journey. It drives me... I hate that.

1:35:6

IN: OK, let's say thank you for the answer. Let's finish the game just to see.

1:35:13

[Irrelevant data]

1:38:6

IN: Thank you. Thank you.

1:38:2

P6: Yeah, thank you. It's been, it's been interesting and now and now I have to decide right now in real life, whether I go on the bus to my cycle lesson in Pontcanna. And then do my cycling, then walk to see my mother in the other side of Blackweir fields. And then catch and then see my mother and catch the bus home, which takes a lot longer, or whether I take the car to my lesson by cycling lesson and then go and see my mother in the car and then drive home. That's my dilemma now.

1:38:48

IN: Well, depends.

1:38:48

P6: What should I do?

1:38:50

IN: Well, it's if you ask me, I will go for walking. I will go for walking and the and the bus. But it also depends on how, how, how is your health. So, see if you're gonna be able to go for walk.

1:38:59

P6: Oh, my health is very my health is very good. There's no problems there. But the other factor is I have a new dog and she's not used to being left alone. So, if I if I drive, I can stay longer with the dog and John isn't here to keep her company. So maybe.

1:39:22

IN: No option there, no opt.

1:39:24

P6: That's a lifestyle that's my other lifestyle choice, isn't it?

1:39:30

IN: Yeah, absolutely.

1:39:30

P6: Anyway, I enjoyed it and it's good to make me think even more about what I'm doing.

1:39:38

IN: Thank you very much you.

[Transcriptions end]

Participant 7

Date: 15/08/2022

[Transcription begins]

0:0:53

IN: OK, perfect. Now that everything is working fine, I will ask you to please introduce yourself at took a little bit about your travel behaviour.

0:1:2.

P7: OK, so my name is [Participants name]. I'm 21, and I live in Cardiff. My travel behaviour is always by car generally and I use it for commuting once a month and also for leisure. So, I travelled to the beach, travel to the swimming pool and use it to get around Cardiff. At the moment.

0:1:30

IN: Alright. What about work?

0:1:31

P7: I also. So work is mainly work from home, but once a month my work is sometimes based in Cardiff and so when it is I will travel to the other side of Cardiff via car. I also go home. Roughly around once a month, maybe once every two months, and that's a 2 1/2 hour drive home. On a good day. Down like the M4 and various motorways, so that's also probably the biggest distance I would do in my car.

0:2:12

IN: Perfect. For how long have you been driving, Rebecca?

0:2:16

P7: I got my driving license in 2019. In January or February early 2019 and I have been driving ever since. I've had my own car for about two years now. Prior to that, I was driving as a named driver on my mother's car.

0:2:41

IN: Alright. Yeah. Alright. Perfect. Thank you very much for that introduction. So now let's go back to the to the research. I have designed this this research project that uses again as an interview tool to facilitate the conversation.

0:2:59

[Irrelevant data]

0:24:43

IN: It in it before the three. I would like to ask you questions and that will be kind of a that the dynamic and will be some question during the during the levels.

0:24:55

P7: Yeah.

0:24:55

IN: The question for this level will be in your life recently in in, in where you live. Have you calculated the different costs for different transport modes? Is something that you do with any frequency. If you do. If you don't do, just just tell me now if you, how do you calculate the cost of four different codes?

0:25:21

P7: In my day-to-day life.

0:25:23

IN: Yeah.

0:25:24

P7: Umm, so I mean, I wouldn't say I calculate it per se, but I do know that walking for me in a smallish city like this, if I need to go somewhere and get something, I will tend to walk because it is the

cheapest and I'm about to make an investment and buy a bike, which will be expensive at first. But I'm hoping that that will make things cheaper in the long term, so I don't have to keep buying petrol. At this price, which is expensive because I know that using a car right now is for me the most expensive option, but at the moment the only feasible one for longer distances.

0:26:8

IN:

Alright, perfect. So just to just to understand normally the price that you have in mind when it comes to analysing transport mode is that the money that you pay for petrol.

0:26:18

P7: Yeah.

0:26:20

IN: But thank you very much. Let's go to Level 3.

0:26:24

[Irrelevant data]

0:31:0

IN: Bedford benefit. But before going to level 4. The question now for you will be how you experience fuel price increases in the UK recently. Have you experienced them? How have you experienced them?

0:31:26

P7: Yeah, I I have experienced it a lot. I think it's started to go down slightly. But I've been away for a few weeks and haven't really used my car much, so over the past few weeks so I haven't looked at the trends at the moment, but usually. Being someone who. Has just come out of university and is trying to earn. I will look around for the place with the cheapest fuel price and that might actually it might be counterproductive because I might end up traveling further to go to the petrol garage at that has the cheapest fuel price. Done going to the closer one, which is a slightly higher fuel price. So I would say it has really, really affected me because. As expensive to just even fill up some petrol now, so I have a very tiny car and are only fill up like half a tank at a time. Umm, just because that's all I can afford, especially when I was back doing a lot more sport, which involved me. And using the car. Uh. Multiple times a day. At times where I wouldn't really want to walk, and when I was doing that, I'd always keep an eye out every like, subconsciously everywhere I go, I'm always looking to see, you know, how how expensive is this place? How expensive is the other place? And I've sort of got a mental note of all the cheapest areas and Cardiff to fill up your car.

0:33:2

IN: OK, perfect. Thank you very much for for your answer. Let's go back to level 4.

0:33:15

[Irrelevant data]

0:40:59

IN: So before going to level 5 now the question I would like to ask you is: Have you considered or have you thought, even slightly, on getting a more efficient car of any type, but more efficient that they want you. You may have now because of fuel prices in that context. If you have, think about that. If you have thought about that. What would be the thoughts in that relationship about changing cars?

0:41:46

P7: Uh, yeah, actually it is something that I've considered, but it's also not something that's practical for me right now, because my thought process in this being, is the car, I was given my car by my granny when she could no longer use it. It's a very small car with a tiny, tiny capacity for fuel, a tiny, tiny engine, so it is quite fuel

efficient already. And I don't use it much, I don't commute on a daily basis. I use the car to go to do activities, to go and see my family, to go and see friends.. Saying that, I think when my car does eventually die because it is a very old car, I will be getting something like a hybrid car, for instance, or something a lot more efficient and practical. But to make up for what I'm doing, I have now is obviously, as I mentioned before, I'm getting a bike, hopefully this week. To do more short distances with. So instead of getting a car to go and do getting in my car to go to the big Tesco, I can just cycle because it's the short distances where it's actually take more of a toll on my field than the longer ones. Umm. So yeah, to answer your question, in the in the long term, yeah, I have been thinking about it, but in the short term, not practical right now.

0:43:27

IN: Alright, yeah, I just had a question related to your comment is there. How long do you think it will take?

0:43:36

P7: Before my car dies?

0:43:37

IN: For your car to stop working, yeah. Have you have you thought of that?

0:43:40

P7: Ohh, I don't know. It's. Yeah. So, it's a 2002 car. So, it's an old car. However, it's very low. Might it's got very low mileage. And it's never had a big problem. The internal system, the computer stopped working, so the radio doesn't work. None of the in like I've had to. Had the Speedo really calibrated it, et cetera. So I guess you could say it's kind of on its way out, but it's never had any problems with its engine or anything like that. So I'm expecting it to last another few years.

But I don't know how things will be in a few years time, whether I will still be in Cardiff or whether I've moved into like, you know, the middle of nowhere where I just need a car for absolutely everything and in which case that might have to happen sooner than I anticipate. But if things were going as they are now, probably in the next three years.

0:44:43

IN: Perfect. Thank you very much. So now we can go back to level 5. This is level 5.

0:45:5

[Irrelevant data]

0:48:45

IN: Exactly. So, let's hit. OK. And now what? I'm gonna when I'm gonna ask you, is that because of the fuel price increases in in the real life, not in the game. Have you ever had to experience avoid doing something that you want to do because you were not able to afford or simply just don't want to spend that much money in, in car, in in, in the in in by using the car. Have you ever experienced that kind of deficiency in real life?

0:49:14

P7: Umm. I guess yes. Uh. I've sort of decided that I will not get. A nice meal out or a takeaway or some relatively minor things simply because I want to do, you know, I want to drive to Swansea this weekend and go for a big swim and that's gonna cost a lot of fuel money. To do so.

So instead, I'll just have Pastor again for the fifth time that week. So I guess in smaller smaller areas, but it's more just balancing my interests. Not the end of the it's never come to can I pay rent or can I fill up my car? Because obviously rent will take precedence. I will just walk. If there's something that I can do and it's not that far

away, I would just get up earlier and leave earlier, it's. It's something I've much rather do than go into my overdraft, for instance.  
0:50:20

IN: Perfect. But yeah, it it's it's very interesting what you mentioned because kind of kind of I was interested in seeing how if you avoid doing some things with your car with your car because you wanted to save some coins, but the your, your kind of your comment was the other one way around you save some money from other activities in order to be able to travel with the car which is very interesting. Yeah.

0:50:43

P7: Well, because I think the cause I don't commute. I work from home. The things I use the car for are things that I really enjoy, so I'm going out to do my hobbies, which I value above, you know, a lot. having a takeaway, for instance. And obviously the car comes into play there. So, I'd rather use the car instead of missing out on other things because I need to use the car.

0:51:17

IN: OK, makes sense. Thank you for the answer. Let's go back to the game. So this is level 6.

0:51:23

[Irrelevant data]

1:1:15

IN: So before going to level before going to level 7. I want to ask you the question related to the previous one, which is changing houses. Do you think this is something? Something that people really start thinking eventually because of fuel prices is something that you have thought to your family, people around you to move into different places to avoid transport expenses. Well, how do you think? What do you think about that?

1:1:48

P7

Umm, I'm not sure because the cost of living in general. Is super high. Uh. And a lot of times, if you're moving. If you're moving to get rid of transport costs, you're probably going to move into the city but rent, housing prices, um... price of drinks ... I'm thinking in terms of pint prices, they'll go up. Because, for instance, you're moving into London, so cheap transport, the really, really expensive to live. But if you're moving into the middle of nowhere, it's gonna be cheaper to live. But you're going to use the car to go everywhere. So, I think it's just expensive no matter what you do. I'm not sure how much moving is going to change that.

1:2:42

IN: Right. Perfect. Thank you. So let's go to level 7.

1:2:51

[Irrelevant data]

1:3:27

IN: And now the question will be at the beginning of the level is: would you like to complain is about the fuel prices, like in this case you can relate with the real life like it's fuel prices. Something that you complain about when you talk with your not formally necessarily. But when you talk with friends, when you talk to family talking about the fuel prices or something like that, that you talk about.

1:3:51

P7: Yeah.

1:3:51

IN: OK, let me before you answer, let me hit OK and see what happened with the fuel price. Now is 5.57 and the unitary cost of using the car is almost as expensive as the, as the bike. And the new rent, of course, is now just one coin more than than before. So now the questions

will be, would you like to complain? Can you make some comments about the fuel prices, yeah.

1:4:23

P7: Yeah, how much does it cost to complain or is it just me complaining?

1:4:25

IN: No, it doesn't cost. It's just it's just a conversation for... doesn't cost. So, I'm gonna give you some space. So, if you have to complain about the food futures now that you are talking, talking to friend in a bar with someone in your family, or if you have to tweet or you have to make any social network, what would you complain?

1:4:48

P7: It just means that it's more expensive to do the things that I love to do. And moving around shouldn't have to be expensive. Yeah. Thinking back to when it was back in COVID at the start when it was in Cardiff, it was like 97 pence per litre instead of 1.7 to 1.8 pence pounds. Uh, polluter. Uh, it just it's such a stark difference. It's really annoying. It just it hurts to see the money go out of your wallet when when you pay for fuel for commodity that you kind of need.

1:5:32

IN: Alright, perfect. It's not your complaint you want to say something else.

1:5:37

P7: No, that's my complaint. That's fine. I'll get too aggressive.

1:5:39

IN: Alright, thank you very much. Note it. Perfect. Now we have to play.

1:5:49

[Irrelevant data]

1:12:5

IN: So, I want to ask you something before going to this. It's about the it's about the demonstration. Have you ever joined a demonstration in your life? Not necessarily for transport, but for any other things.

1:12:26

P7: Umm. Yeah, I've been to, like, pride demonstrations and stuff. So I went to one last week. I've been to yeah, I've been to a couple of pride demonstrations. And I've also, you know, I've showed my support for. A lot of other demonstrations, whether I can or cannot attend. A lot of times, ironically, I can't attend because it's too expensive to get there. Namely, the train to get into London or something is just so expensive. I couldn't afford it. But for a lot of climate and Black lives matter, all that activism. Umm, I do share my support for.

1:13:13

IN: Just one question. So it's like just say that this. London to join to join another demonstration is. I don't understand how is the that, that, that social dynamics here. It's like going to London is kind of important demonstration that you can join.

1:13:36

P7: Well. Oh, so you're you're cutting out.

1:13:35

IN: Are not big in Cardiff that you can join or the.

1:13:44

IN: Sorry. Yeah.

1:13:42

P7: Did you say that whether there's some in Cardiff that I can't? I think when there have been demonstrations on, I've been back at home, like at my house, in my family home, which is in the middle of nowhere near Portsmouth. Umm and I, it's got a good train links, but they're expensive and the nearest is either Portsmouth or London and generally the ones going on are in London, so that is usually. When I was back at home. Those would be the ones that I could attend. I haven't been

to any in Cardiff. I've been to Ashley know. That's a lie. I've been to pro-choice. Umm, protests in Cardiff and I've walked to them. With my feminist society.

1:14:41

IN: OK, perfect. Thank you. Now let's go to. Level 9.

1:14:53

[Irrelevant data]

1:17:45

IN: But the question now is that I've been talking, I've been telling you that the fuel, the fuel price increase because of the fuel duty and the question now will be do you think the kind of the policy that is involved with the increasing the fuel price that one can be like full duty or petrol tax or there are some other reason for fuel price increase, do you think like? The policy actually have something to do with how the people perceive the fuel price increase. Does it? Does it make sense the question?

1:18:25

P7: So what does? The fuel price increase has something to do with how people perceive it. Uh-huh.

1:18:33

IN: No, the question will be if the people how people perceive the fuel price increase. If that perception about the fuel price increase has something to do with policy behind that. Like for example, I've been telling you here, in the game, it increases because of fuel duty. But for example, sometime increase come for the war in Ukraine just to give an example, international plan or some other port. But the emission trading system that may it more expensive for a fuel producer. Those fuel, because they must pay for it.

1:19:27

P7: Yeah, yeah. I mean it's it's a lot to do with politics. And negotiation. I suppose. I can't say I'm clued up on it at all. Umm, all I do.

1:19:43

IN: Let look simple.

[Recording error]

1:20:21

IN: Do you think that your acceptance to it will be different to any thoughts?

1:20:25

P7: Ah. Yeah, it's a hypothetical case.

1:20:29

P7: Yeah, yeah. I think. The the whole thing of such a war. You're going, you're going to be like well. It's going to happen, isn't it? I think I think. Uh, acceptance. It is very different with the different reasons, whether it's. To do with capitalism, whether it's to do with war, but at the end of the day, is to do with capitalism, I guess. But my my acceptance. Is generally not particularly high because I want lower fuel prices, but I do understand you know that that there's bigger fish to fry, as it were. And the fuel going up is just a result. So it is easier. Is it easier pill to swallow, I guess knowing that the fuel has gone up as a result of. Bad things happening. Instead of just we want more money. Umm. But. If that makes any sense. Yeah.

1:21:38

IN: Yeah, absolutely. Thank you for the thank you for the answer. Let's go back to the game. So this.

1:21:47

[Irrelevant data]

1:21:50

[Transcript ends]

Participant 8



Date: 15/08/2022

[Transcription begins]

0:0:51

P8: OK, so my name is [Participants name]. I AM 40 years old. I come from France. I'm a graphic designer. So I have a car that I use. I would say twice a week to go to the office. The itinerate is about 15 minutes to go there, so I used to go. Monday and Thursday so I would spend 30 minutes Monday, Thursday with the car and I use it also during the weekends, sometimes to travel around Wales. And sometimes we will be further.

0:1:33

IN: Alright, you said 30 minutes when you go to your office, it's 30 minutes one way or both ways?

0:1:39

P8: Return both ways.

0:1:40

IN: Both wait so 15 minutes and 15 minutes.

0:1:43

P8: That's it, yeah.

0:1:45

IN: Did you say how long have you been living in Cardiff?

0:1:51

P8: I've been living in Cardiff for four years.

0:1:54

IN: Alright. OK. Perfect. Thank you for the introduction. So now. Coming back to the research I have designed this research project that uses a game as an interview tool to facilitate the conversation. So, in other words, we will we will be playing a game together and during the during the time of the game I will be introducing some questions about the perceptions of fuel prices, the questions and answers are open.

0:2:27

[Irrelevant data]

0:19:21

IN: At this level, before going to level 2, I wanted to ask you something. So in your day, in your apart from the game in your real life. How do you calculate if you do that, have you do you don't do it. How do you calculate transport calls when it comes to calculating transport calls? What does? What are the things that come to your mind?

0:19:47

P8: Well, to go to work. I would consider the price of one day bus ticket that would be my other option. I think it's almost £4.00 now per day to have unlimited travels, so that will be for the first trouble to walk and the way back. So, no. I don't think I spend that much in fuel, so don't have nothing. OK, I will choose the car instead of taking the bus.

0:20:23

IN: OK. But. Can you hear me?

0:20:26

P8: Yep.

0:20:28

IN: But do you sometimes take the bus?

0:20:31

P8: Uh could happen. Yeah, let's these days because we are. It's summer, so this a bit less bus available. So I would have to wait a bit longer, but I would take the bus usually.

0:20:46

IN: Alright. And you make a very fast calculation, you said that you analyse the, the, the bus price. So what I'm understanding is that when you use the car you use more than that.

You spend more than that in terms of money. So, for the buses only £4.00 for the for the ticket.

0:21:8

P8: Uh, I don't think it costs £4.00. I don't know. I'm not sure.

0:21:13

IN: Alright, well you think. Less than four, alright.

0:21:13

P8: I tend to think it's less than that. Yeah, because I think the car. We would talk always. You know, you would think of the amount of litters you would use 400 kilometres. Uh, I would say the car uses 6 litters per 100 kilometres and my trip return would be, I don't know, 20 kilometres so.

0:21:47

IN: OK.

0:21:46

P8: I think it's still cheaper than car. Than the bus.

0:21:49

IN: If cheaper, cheaper.

0:21:51

P8

And the bus.

0:21:51

IN: Cheaper the car than the bus. OK.

0:21:53

P8: Yeah, yeah. For now, yeah.

0:21:56

IN: OK, perfect. Let's go back to the game. So this is level 2 at this level, the person will visit. Will do the same activities. Exactly the same activities, but this time we will be using the bike and see how it works now.

0:22:12

[Irrelevant data]

0:27:41

IN: OK. I'm gonna introduce a question now. Is... cheap prices have affected you lately? In your real life. Have you been affected by fuel prices or not? Or how? If you have any to comment about the about that.

0:28:3

P8: Not a lot because. Uh, I work from home. Mostly. Four days, three days a week. So there's been a difference, of course, but uh, it's not like I have to take it daily and doing long distance. So not a lot. Yeah, I haven't felt.

0:28:37

IN: And are you the only one using that car in your house?

0:28:41

P8: No, more partner would use it for short distance. In Cardiff.

0:28:46

IN: That's alright. Perfect. OK, let's go back to the to the game and now is when we start making decisions. So at this level, again due to an allowance reduction in the emission trading system, the fuel price has increased. Have a look at the new price continue doing the same activities. But before undertaking the activities, let's check the option change car and decide whether we want to change the card that the current car type and also remember that we can use different transport modes. We have used the bike.

0:29:22

[Irrelevant data]

0:35:59

IN: Now. The question is. In real life. Have you considered changing your car? Well, you mentioned before that you haven't been impacted for fuel prices. Then, in your in your daily travel patterns. But. For

any other reason, have you considered and changing your car for a more efficient car?

0:36:28

P8: No, because. We bought the car quite cheap. And not spending money investing money in the new car. We would need to use a lot of fuel to make it interesting, so. We don't drive enough to consider buying a new car. Because I mean if it has to be a car with a very low consumption. So at least 15 thousands of pounds. I'm sure even second hand. So, to reach this difference between what we pay now and the 15,000. No.

0:37:14

IN: OK it if I may ask. Do you see how long do you think you will be able to keep your car? Your current car. Before you have to change it? Like not? I don't know. I have you ever thought of? 10 years, 15 years. I don't know.

0:37:36

P8: Uh, maybe five years. If drive... Maybe 5000 miles per year Max. Probably less sometimes, so considering the mileage of the car. Yeah, I think we're gonna keep it for more 4-5 more years.

0:37:56

IN: Alright. Perfect. Thank you very much for your answer. And now let's go back to the to the game. So this is level 5 now, the emission trading system continues to reduce the allowance and therefore increases the unitary cost of using the car. Have a look of the new price.

0:38:14

[Irrelevant data]

0:41:4

IN: So before going to level 6, my question for you, now, is: Have ever in your life, not only related with the car, have you feel like you stop doing some activities because of the transport cost?

0:41:22

P8: No, never.

0:41:25

IN: And I will. I will understand that it's the same case now for the car because you haven't experienced really the fuel price increase in the UK?

0:41:34

P8: Umm.

0:41:37

IN: Not even for long distance trips? That's something that one of the I was told that for long distance trips some people consider they actually impact. Or maybe not?

0:41:46

P8: Yeah, for long distance I would consider a train or other ways of transport here.

0:41:55

IN: But you haven't yet to face that decision.

0:41:58

P8: No, not yet.

0:42:1

IN: OK, perfect. Thank you. So this is now level 6. The emission trading system allowance continues to decrease.

0:42:11

[Irrelevant data]

0:49:54

IN: So let's hit it, OK. And before going to level 7, my question for you now is: Do you think that the location of your house is something you consider... if you own house or if you rent, but whatever the case, the location of your house... when you decide the location of your house

the time that you have to travel to your job is something that you consider?

0:50:26

P8: Yes, if I had to go five days a week, yes. A bit less now... because of working remotely that's less of an issue.

0:50:37

IN: OK.

0:50:37

P8: But yeah, if it was five days a week. That would be something to consider, yeah.

0:50:45

IN:

And will you manage that in your case, with your partner? Cause it's sometimes a bit difficult. Who get to be closer to their job. Does your partner work at home as well?

0:50:58

P8: Uh, she's on maternity leave now, so she would walk in the city center. Uh. I woke a bit. Uh. North Cardiff. So for now I would say we are well located.

0:51:15

IN

OK. Right.

0:51:17

P8: But if not, we would have to compromise, I imagine.

0:51:21

IN: Yeah.

0:51:24

P8: I think that's what people do.

0:51:27

IN: Absolutely. OK, perfect. Thank you for you. Thank you for you for your answer. Now let's go back to Level 7 and we are close to finish now. There are 10 levels. So, we are getting closer to the to the end.

0:51:43

[Irrelevant data]

0:52:12

IN: The question now is: Would you like to complain about the emission trading system? First, do you know, have you heard about the emission trading systems?

0:52:34

P8: Uh. More or less. I'm not. I'm not really sure.

0:52:40

IN: No, no worries. No worries about that. And the emission trading system is a kind of policy is it's kind of the carbon market, big companies, big industry, big pollutants, they are allowed to emit a certain amount of CO2 and when they pass that amount, they have to pay like additional, like a penalty. In but it works also in the other way. If you save your allowance so it means that you reduce your emission emissions and the and you don't reach the limit, then you can sell the remaining allowance for other industries. So they can pollute a bit more. So that's kind of the main idea of the emission trading system work. But in this case the emission trading system is affecting the fuel producers, the companies that produce the fuel. So, every time that the allowance is reduced, it means that the fuel produces have to increase their cost and that cost is transferred to the users. So, in general, the thing is how? How would you see that that policy? In terms of acceptability... If the fuel prices start increasing because of a policy like that, like the emission trading system, what would you say about that is something you will complain about.

0:54:7

P8: Umm. Complain to who is the governor? Is it government? Is it?

0:54:14

IN: Even if you go to a bar, if it even if you go to a barbecue on Friday or Sunday, I will talk to your friends and the. Is something that you will complain, not necessarily formal complain, but this something that will keep you talking about you think?

0:54:31

P8: Yeah, I don't know if I would complain because. So I imagine it's been a designed to reduce the emissions of CO2. So, originally, it's a good thing that we have to be careful, not only a matter of costs if we can avoid to use fuel as much as possible. It's a good thing. If we have the flexibility with work. To work a bit more from home could be a good thing. And the helped reduce emissions. We've transport after if you have to stay home. No, and pay for your own energy. I don't know. Having raised salaries, working from home they have to turn the light off all day long. You would have one light for 103 days in the workplace. I don't know it's. That's that needs to be done. I imagine.

0:55:38

IN: Alright, no, no worries. No worries, but yeah, that's a brilliant answered. Thank you very much. Now we have to continue playing

0:55:49

[Irrelevant data]

1:0:7

IN: The question is, have you ever joined a demonstration in your life for whatever reason?

1:0:17

P8: No.

1:0:18

IN: Never.

1:0:20

IN: Have you ever considered even if you didn't, have you ever considered some? Sometimes like something that happened to me? They say, OK, I'm gonna join that demonstrate by the end of the day, I feel lazy and don't go.

1:0:32

P8: No. No, sorry. I don't like big crowds.

1:0:40

IN: Alright, big crowds.

1:0:42

P8: Yeah.

1:0:43

IN: Alright, perfect. Perfect.

1:0:45

P8: When there is demonstration, if it's something else, it's fine, but not for demonstration.

1:0:54

IN: Alright, makes sense. Alright, so let's see. The unitary goes off using the car, so the fuel price went to six point 69 and the unitary cost of using the card is 0.9 is almost as expensive as the bike, but the the bus continued being the the the cheapest, the cheapest option.

1:1:18

[Irrelevant data]

1:8:38

IN: So before finishing before finishing the level, I'm going to I'm going to going to level to level 10, which is the last one, but my my final question this here will be do you think that the reason or the policy behind the fuel price increase is important? Like for example, in this case I think talking about the emission trading system, which is kind of I explained you a little bit how its kind of if it impacts the fuel price. When the allowance for emissions is reduced, but. Another way for fuel prices to increase is increasing taxes, fuel

taxes, or in the UK, I think they call they prefer to use the words, fuel duties, excise duties in in the UK. So, do you think? People are, in this case yourself. You will have a different perception or object acceptability if the reason behind the fuel price increase come from different ways.

1:9:41

P8: You mean if the intentional or good about taxing more?

1:9:49

IN

Yeah. My question will be how will be your acceptance to the fuel price increase if they increase because of the emission trading system or if the increase come from a fuel duty which are different policies? Both of them will increase the fuel price at the end, right? But they are the kind of different ways to increase the fuel price. Do you think in, yourself and now also like you think it will be perceived differently or the same?

1:10:24

P8: I'm not sure I understood is it's about the if it keeps increasing and if it's due to the emission trading system, is it acceptable?

1:10:41

IN: Yeah, the question is, what do you think is more acceptable if it if they increasing is because of the emission trading system or if the increase is because of the fuel duty for example?

1:10:53

P8: I'll take more acceptable if it's the emission trading system.

1:10:56

IN: You think so?

1:10:57

P8: Ummm.

1:10:59

IN: Correct. OK, perfect. Thank you very much.

1:11:2

IN: And let's gonna finish the let's gonna finish the level so you can go to bed.

1:11:9

[Irrelevant data]

1:11:41.920

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1:11:44.890

IN

Do you think that at some point we will get? To that point again where the fuel price cost like four times as it cost now do you think you will see that in your lifetime?

1:11:55

P8: Yes. I think so, yeah. I remember. I remember when I was a kid in France, so it was before euro and. Uh. Of fake memories for I think the price per litter was something like 0.80. And I remember people saying, oh, when the price goes up enough, no one will take the car anymore. Well, now the price is much higher, and people keep using the car. They protest. But they need it. And that. I don't see the solution because unless we really developed infrastructure. Buses, bikes. That's the only solution, I think.

1:12:57

IN: Do you think that that could be a solution infrastructure or public transport and back what? What about housing? In terms of housing, what, how, how do you see a do you think that the housing policies also should change in order to improve transportation like for example, uh, I don't know. Controlling house prices, for example, just to avoid to incentivize people moving closer to their jobs or to the city centre. Do you think or do you see like housing policies also helping in the in the transport issue?

1:13:39

P8

Uh could be one of the solutions, but. I think the problem. Of the value of studies more. A bigger problem for people living in the countryside, because generally I think the distance to go to work is longer. People choose to live in the countryside. To live in the quiet. Uh, not in the city. I think if you live in the city, you rely on buses, bikes or even walking, so you're less concerned with the value of fuel. Uh. And yet so would say. Living in the cities, more expensive than living in the countryside, so there's a there's a contradiction in that. I don't know if. Limiting the price of housing would be your solution, I think this. Two different problems. I don't know if they're connected, but. It would be as well the. It's not only about the job thing, but people also still need to take the kids to school to go to leisure. Umm. But now it's the value of fuel. In the future, we use electric car. Cost of electricity will increase as well.

Even if we use water, if you will, if we use the I don't know the term in English the word is hydraulic, yeah. It's the same water will become expensive.

1:15:18

IN: That would be the next version of my game.

1:15:21

P8: Yeah, we have more resources with water the thing anyway. The planet is a limited our resources are limited, so one day soon or later there won't be any left, so we're gonna have to find a solution.

1:15:39

IN: Yeah, that's absolutely true. And The thing is not, not everybody actually believing that there are still some people that doesn't believe that the climate change and the is happening and the resources are just getting limited. It's incredible, but that's.

1:15:55

P8: Yeah, climate change is something else, but the limits of resources are pure physic here. I mean it's you can't deny it, but some people would say I will find it somewhere else over planet or we'll find another source of fuel, but they limited.

1:16:19

IN: OK, let's finish. Let's finish with this game so we can go to bed so.

1:16:23

P8: OK.

1:16:24

[Irrelevant data]

1:21:4

IN: There is one more question I have for you. Is how the fact of having a baby that you mentioned that your wife is in, your partner is in maternally. How has it changed your travel patterns?

1:21:27

P8: He doesn't yet because she's not going to school. UM. I don't think he hasn't changed much yet in fuelling few years, but so far, not really. Because a lot of activities we take her two, we can do it walking. So no, I think it's more the pandemic and and the way we walk now remotely most of the time that we change and made a difference. Not having a baby? No. Yet it will be in the future, for sure.

1:22:12

IN: Do you use the bike with the baby? It's something you do or don't do?

1:22:17

P8: No, no, no. We don't have bikes we don't have. No, I would like to, but we don't have room to store the bikes where we live.

1:22:31

IN: Alright. Perfect. And how do you mentioned that when the baby goes to the school, that will be something to that perhaps may change the

travel patterns. Why is that? This is like the schools are far away from the place you live. Or what? Why do you see that changing?

1:22:46

P8: No, actually that's a good question, because it's true. Most of schools are walking distance, I think more for high school maybe could be a bit further. There's more primary school, so yeah. That will not be a big change so far. Maybe the the leisure would be a change. I don't know yet. To be fair.

1:23:10

IN: Alright. Perfect. Perfect. OK, let's finish it now. So we managed to collect in total. Well to save at the end of the game 100 forty 49 coins and 38 stars, which is a very good result. We almost got the 40 stars that we are.

1:23:30

[Transactions ends]

Participant 9

Date: 30/08/2022

[Transcription begins]

0:0:27

IN: OK, now could you please introduce yourself? Can you tell me your name where you live in your age and also a little bit of your travel behavior you having initially chosen to participate in this research because you use the car as main transfer mode and so you can tell us, tell me a little bit how normally you use the car to go to your job to go to other activities, how often do you use it? How far do you travel, blah blah blah. So please.

0:0:57.

P9: Hello, I'm [Participants Name]. I live at [Address], which is in Splott in Cardiff. And I spend two to three days out the week, probably to and from work, and then over time, I spend my time going to and from places for shopping and erratically these using my vehicle.

0:1:23

IN: So the how often did you use the car? Like almost every day, not always. For commuting, I understand.

0:1:32

P9: I'd say, yeah, pretty much every day.

0:1:34

IN: Alright. How how far did you go when you commute to work? Doesn't have to be exactly, but perhaps in time.

0:1:44

P9: Probably 3 miles tops top.

0:1:48

IN: 2 miles it's like 10 minutes to miles would be. That, yeah, I'm 15 minutes. Yeah.

0:1:55

IN: All right, perfect. And what we're about Cardiff, you do you live like the broad section. No, they don't need the address, but the kind of.

0:2:2

P9: Splot, I live in Splots.

0:2:9

IN: Alright.

0:2:11

IN: All right. How old are you, Rachel?

0:2:14

P9: 31.

0:2:15

IN: 31. OK, perfect. Thank you very much for the introduction. And now



coming back to the research, I have designed this research project that uses a game as an interview tool to facilitate the conversation. And so we will be playing a game together and during the time that we played the game, I will be introducing some questions about the perceptions towards a fuel prices.

0:2:46

[Irrelevant data]

0:23:3

IN: So, this is Level 3. And now before going to Level 3, there is something I wanted to ask you. How how do you measure in your in your real life transport cost when, when, if I ask you, how do you measure transport codes? What will be your answer? How? How do you think? How much? How do you calculate how much money you spend in transportation?

0:23:31

P9: Not really sure. Uh.

0:23:32

IN: If you if you do, if you don't think about that.

0:23:35

P9: You on how many times I would fill up with petrol? Really. Do you mean? [Audio lost] So if I so normally I fill up. With £60.00 worth of fuel and then I know that for me is like I guess quite a lot of money. So hopefully that would last me like 2 weeks. But if I've done more then it will, you know, I find myself topping up with an extra few pounds. If I've driven somewhere else like quite far and that's normally if I've gone somewhere for like 2 hours traveling, then...

0:24:27

IN: Yeah, it makes sense.

0:24:22

P9: I'd have to fill up again within the next week. Makes sense. I don't know how else calculate it.

0:24:29

IN: You know, it makes sense, made a lot of sense. What about other transfer modes? Have you ever thought how cheap or more expensive would it be to take the bus, for example?

0:24:42

P9: No, because I don't necessarily use the bus.

0:24:44

IN: But you have never used the bus?

0:24:46

P9: I have the. Not really. To get to work, it's more for... like activities outside of work.

0:24:59

IN: Alright.

0:25:0

IN: And what about other transport modes like the bike for example? Have you ever thought about using the bike for going to work?

0:25:6

P9: I have done that before. But never calculated it. I don't really know.

0:25:13

IN: Alright. And how in terms in just another way to make a comparison in terms in terms of time, how much time takes you when you use the car and use the bike to go to your job? It's in a substantial difference.

0:25:29

P9: No, I think it's. Maybe like 5-10 minutes more on the bike.

0:25:35

IN: OK, in the round trip or just one way thing.

0:25:39

P9: Just one.

0:25:40

IN: One way 10 minutes more.

0:25:42

P9: Yeah.

0:25:43

IN: So, it would be kind of the double because you mentioned that with the car will be around, take 10 minutes. So, it's with the bike is double the time.

0:25:50

P9: Yeah.

0:25:52

IN: Alright, OK, perfect. Thank you very much. Let's go back to the game.

0:25:57

[Irrelevant data]

0:28:40

IN: So let's hit it, OK? And my question for you now, now that we in the game, we experience a some fuel price increase, my question will be have you experienced full price increase in your real life?

0:28:56

P9: Yeah.

0:28:56

IN: Now where you live and how, when was the last time the fuel price increase or how does it work? How does it change and how does impact you if you can say like you know very simple way?

0:29:8

P9: Do you mean in relation to you all going up like the cost of petrol and diesel or?

0:29:14

IN: Yeah.

0:29:14

P9: So. I think before when I had my van, I put, I put 30 in before I went away. At the beginning of May and it would go up just underneath the halfway. Hmm dial and then when I came back from my holiday like 2 1/2 weeks afterwards. So, the end of May. Then I put the same £30 in but then it went up just over the one. One marker point. So definitely notice the difference for that.

0:29:54

IN: OK, very interesting. How so you you kind of notice it, how much gasoline you could get in your...

0:30:0

P9: Yeah, yeah.

0:30:1

IN: In the indicator in the car. OK. Thank you. Thank you very much. Let's go back to the... Before going to level 4. Is the fuel price increase something you mentioned that happened early in May? Before that, have you been experiencing like a constant fuel price increase?

0:30:24

P9: I think it was just going up and up though.

0:30:27

IN: How? How often do you think? How? How often do you feel that it is increasing?

0:30:32

P9: Every day.

0:30:33

IN: Every day?

0:30:34

P9: Yeah, pretty much.

0:30:36

IN: All right.

0:30:36

P9: About. I didn't know give or take like one or two days.

0:30:43

IN: Alright, thank you very much. OK, this is level 4 now at this level and again due to fuel duty, the fuel price has increased. Have a look of the new price continue doing the same activities but before undertaking the activities, let's have a look of the option change car and decide whether we want to change the current car type. Also remember that we have available different transfer mode. We have we use the bike but we also have available the bus we know.

0:31:15

[Irrelevant data]

0:36:21

IN: ...and before going to level 5, my question for you now is like... changing your car for a more efficient car of any type is something that you have considered? because of fuel price increases? Lately? Have you thought about that?

0:37:2

P9: How they work? What would I be like looking for?

0:37:7

IN: Yeah.

0:37:8

P9: So, I guess, a small engine. Um, which results in less fuel in the filling it up. So that would be definitely something I'd look into.

0:37:23

IN: What will? What will be the decision factors for making that?

0:37:30

P9: Just I guess the smaller engine and the price. But how much it would cost like overall?

0:37:41

IN: The price of the new car, which you have to be on the small engine and the one you have now. You do you know what's the size of your engine now?

0:37:52

P9: It was 1.8, yeah. Well, because of my van got ripped off the other week.

0:38:3

IN: I didn't know.

0:38:5

P9: Yeah, yeah.

0:38:6

IN: And so you don't have car anymore.

0:38:9

P9: So I don't. Don't have a car? Ohh no so I not got a van anymore but I've got a hire car, a courtesy car at the moment.

0:38:19

IN: A courtesy car? Because they are repairing your your van?

0:38:24

P9: Well, no, they they've ripped it off, so it's going to the Salvation Yard. Yeah.

0:38:40

IN: OK, perfect. Thank you for your. Thank you for your for your answer and now this is level 5. The field duty continue to increase and so that's the unitary cost of using the car. Let's have a look at the new price and now to reduce travel expenditures, we can avoid visiting some of the facilities. It means that we will get less stars.

0:39:3

[Irrelevant data]

0:42:55

IN: Have you ever experienced that situation that because of the

transport costs, that the transport cost increased so fast that you have to avoid doing things.

0:43:17

P9: I guess when it did increase, I would sort of question whether or not it's worth going to the shop just in my car. When I can walk or take my bike, definitely.

0:43:35

IN: But have you experienced that decision or you are telling me that something that you would think in the future?

0:43:41

P9: So that's what I've done in the past most yeah.

0:43:46

IN: And the situation I as I understand the frequent situation will be like the shopping. Instead of going with the car to the shop, you will do it with you with your bike.

0:43:56

P9: Just move short distances, because at the time I had a diesel car, like my van. I think driving a diesel when you're doing short distances is we're not good for it, the environment, it just uses a lot of fuel so. It was more for short distances.

0:44:17

IN: How? How was that experience of using the bike instead of the car apart from the money that you that the first thing does you think you managed to save some money doing that and how was that experience was something that you will continue doing in, in, in in case that they?

0:44:35

P9: I mean, it was OK but. And if it's good weather then I'd do it. If it's raining on my... So not to be on my bike with my shopping so. It's kind of dependent really, but I'll probably try and do it. Do it in the future as well.

0:44:55

IN

OK. OK, perfect. Thank you very much for that answer. And now let's go back to the game and now we are at Level 6.

0:45:05

[Irrelevant

data]

0:53:27

IN: And before going to level 7, I have question for you: When you decide where to live. I don't know if you are renting or if you own the you, your house, your property but... Is the cost of transport something that you think? When you decide where to live.

0:53:59

P9 : Uh, yeah. That is.

0:54:3

IN

OK. Perfect. How? How do you how do you make that calculation? How will be the thinking process about that?

0:54:14

P9: Guess you sort of think about. The distance and how much it's going to cost you every month. Really. And. Move. See live to get to you. You your job, really. And just more about how much it's going to cost in fuel every month and yes...

0:54:37

IN: And in that process, when you think about the those costs you only think about the car, how it will cost you with the car?

0:54:46

P9: Yeah.

0:54:48

IN: OK, perfect. OK. Thank you very much for your answer. Now let's go back to Level 7 and we know the options available now: change the car,

change the residence or use different transport modes. Those are the options available. So, the fuel duty keeps on increasing, but because of generalized complaints, it is increasing to a lower rate. So, let's have a look at the new price. And my question for you now will be, would you like to complain about fuel about fuel duties? And this is in real life or how would you like to complain about the increase?

0:55:26

P9: Yes. Yes.

0:55:29

IN: OK. I will give you space to complain. It doesn't have to be a formal complaint. Even it can be an informal complaint. If you meet with a friend in a bar with your family or in social network. How will you complain about the fuel price increases because of the fuel duty?

0:55:51

P9: How would they complain? As in?

0:55:53

IN: Yeah. What? What would you say?

0:55:54

P9: What I say... It would put more... be a question to the... Executives. Why they are gaining more profit was of a, you know, Lehman people have to pay all this money and we're losing out when they profited from such rise in fuel costs.

0:56:24

IN: Alright. Yeah. Perfect. Perfect. Just a follow up question from there is like, your concern will be like someone is making higher profit with the money. The additional money you are paying.

0:56:37

P9: Yeah.

0:56:40

IN: What if that will be the case is the money will be collected in order to, I don't know, to build some sustainable... to improve the public transport, for example to do something... some sustainable projects with the money. Have you ever thought of that?

0:56:58

P9: I don't think that's what fuel companies are actually endorsing, the sustainable energy. Because at the moment they treating fuel, such as petrol and diesel as a commodity and creating scarcity. And really, I guess governments could use that against oil companies to pioneer, you know, more sustainable energy, but they're not. Because I guess they're all profiting from it. That's...

0:57:39

IN: Alright, thank you very much. Nothing else I could like you. Would you like to complain?

0:57:43

P9: Yeah.

0:57:45

IN: OK, perfect. Thank you very much. I will take note of that. Now lets continue with the game...

0:57:54

[Irrelevant data]

1:2:47

IN: Yeah, it's perfect. It's perfect. So, while I do that, I'm gonna ask you to answer me about demonstrations. Have you ever joined a demonstration for transport policies for any kind of transport policy in, in your life?

1:3:6

P9: No.

1:3:6

IN: No. Have you ever joined demonstration for any kind of a policy in your life?

1:3:14

P9: Yeah.

1:3:16

IN: Can I ask what was the topic or the thing that they made you join the demonstration?

1:3:22

P9: It's quite a few. [audio lost] in the Celtic Manor and a demonstration where they were closing down like a local art space.

1:3:43

IN: An art space, a public space.

1:3:45

P9: But like a council run. It was more to do with cuts than anything else? and then.

1:3:56

IN: Funding, but sorry, the connection wasn't too good. The fund, they cut the funding for a kind of art space. But what was that?

1:4:6

P9: Yeah, but the Council cut it.

1:4:9

IN: The Council. OK, perfect. My question also will be what should happen for you to join a demonstration for a transport policy, and in this case, for the cost of fuel, what would you have to experience in order for you to go to the street and just say I don't like that?

1:4:40

P9: I guess more Uh fuel companies profiting. And the rise hmm in fuel in itself. Yeah.

1:4:54

IN: You can increase it just increasing the fuel price. But in in some practical, in some practical sense, if I can ask you now, you cannot make some calculation how many times you go through to refuel better per month, you say, right?

1:5:27

P9: Maybe three or four times.

1:5:29

IN: Three or four times. And what happened if you cannot, uh. And with the same money that you are fuelling now three or four times, you can only two, two times with the same amount of money. But I my question will be what will be the point that you just cannot bear it anymore?

1:5:54

P9: Once, yeah.

1:5:56

IN: Alright. OK, perfect. What I am, I forgot where I am. OK, maybe. OK, let's finish the level. This is level 8. We're about to finish.

1:6:9

[Irrelevant data]

1:10:30

IN: When they do that, my question will be do you think? Or perhaps... In which situation do you think it will be acceptable? For fuel price to increase?

1:10:57

P9: Ehmm... I don't know. I'm not sure.

1:11:0

IN: Any reason like for example you mentioned you mentioned that the natural shortage that we are we are just not getting enough petrol that that I believe in that case we will be in. No one to complain abiyt. There is just no more petrol. So, it's understandable. You know it's understandable, but I I'm gonna give you another question more specific.

1:11:32

IN: If we have two policies like fuel taxes for example, one side. Or perhaps we have a different policy, which is something that is already

happening in the European Union, which is called the emission trading system.

The mission trading system is... It's kind of an it's a, it's a system that makes that the companies that emit some pollution that generate some greenhouse emissions pay for the amount of emissions they produce, and they have a limit below that limit. They don't have to pay anything, but if they pass that limit, they must pay like a penalty for that. But also, if they manage to improve their production processes and they don't go to the limit. They can sell the allowance that they didn't use to other companies and in that in that way they make some by kind of reducing the emissions, they can save some money as well.

1:12:38

P9: Yeah.

1:12:39

IN: This is kind of already working but not all companies can reduce emissions. Some companies actually continue because the business required continue polluting and they have to pay the they have to pay the additional penalty. So that will be the case for fuel producers that because they cannot just reduce emission is petrol. It will always generate some limitations. So if that policy like that take place in the UK and those, say petrol and diesel suppliers have to pay that penalty. The natural thing is that they will transfer those cost to the to the user, to the people. So at the end of the day, it will increase the fuel price the same way like the fuel tax. This is not a fuel tax, it's different thing, but both of them will end up increasing the fuel price. Does it make sense to you the explanation? So my question will be now. In that example, that I have given you, do you think any of those policies is more acceptable than the other, like the fuel duty is more acceptable than the emission trading system or the opposite?

1:13:56

P9: I think the emission trading system, but then I think that's open to corruption there. When they sell on. The level of what they reached to other countries, where they also hitting a mark where the their emissions are even more so... Yeah.

1:14:27

IN: [Audio lost] use corruption just to avoid paying?

1:14:29

P9: That you could be quite easy, you know, turn into... Man... That is easily corruptible. So.

1:14:42

IN: OK, but initially you said that the emission trading system will be the more acceptable one?

1:14:50

P9: I think you. I think you'll be sent to say, but also we would have to be regulated.

1:15:0

IN: Yeah, it will have to be regulated, but if it is regulated, if you can control the corruption in that case, do you think the emission trading system will be more justifiable than the fuel duty. Why?

1:15:9

P9: Yeah. Yeah.

1:15:17

P9: Because it gives the incentive for fuel companies to actually reduce their emissions and look at more sustainable energy rather than just, you know, drilling holes. So that's something.

1:15:34

IN: And you don't see that happening with fuel taxes?

1:15:41

P9: Umm.

1:15:44

P9: I don't. I don't really know enough about fuel taxes, so.

1:15:48

IN: Perfect.

1:15:49

P9: I just see the pricing increase.

1:15:54

IN: Perfect. So now we finished the game.

[Transcription Ends]

Participant 10

Date: 01/09/2022

[Transcription begins]

0:0:5

IN: OK. Yeah, you can tell me your name, where your age, where? Where do you live? And also, you have been invited to participate in this research because you declared that you use the car as your main transfer mode. So I also would like to listen how do you use your car in daily basis? How many days per week, how far do you travel this kind of things about your travel behaviour?

0:0:32

P10: OK. Right. Well, my name is [Participants name]. I'm aged 77. Uh. I live in Cardiff. I born in Cardiff and but live most of my working career were spent in England but came back to Cardiff in 2006. Uhm, I use the car. On a more or less daily basis. Most of it is relatively short journeys. Uh the shops. UM. Occasionally we'll travel further afield. With my wife, she tends to do most of the long-distance driving. That's about it.

0:1:15

IN: Thank you very much. That's perfect. OK, let's go back to the to the structure of the interview.

0:1:25

[Irrelevant data]

0:22:22

IN: So now, before going to before going to the Level 3, I would like to ask you a question about how, how do you calculate your transport cost in your real life? How when you, when you think about transport calls, how is the rational or the reason that you that you make?

0:22:42

P10: UM. Well, basically it's the cost of fuel. That that. That's the. Sort of. Prime deciding factor is how much is it going to cost me in fuel to get from A to B. And and what are the alternatives? So if I go in the bus 3, if I go on bike it's free. If I walk, it's free. If I go in the car then I'm paying a lot of money per litre of fuel. Yeah.

0:23:14

IN: And you mentioned that using the other transport modes will be will be free for you. What is the thing that made you use the car opposite to the other transport modes that are free?

0:23:25

P10: Convenience. Umm, the ability to carrying a load, whether it's shopping or or or whatever else it might be and the time taken, you know, if I'm in a hurry, I'll take the car. If I'm not, I can walk. Yeah.

0:23:45

IN: Alright, perfect. So indirectly just as it was designed in the game, there are some other factors that we normally don't think like for example the value of time, the value of your time or the value of convenience. The normally we don't put a value of, in terms of money



to that, but we internally include that in our costing process. We think that is the case? you agree with that?

0:24:7.

P10: Yeah. Yeah, that's that's fair enough, yeah.

0:24:11

IN: OK, perfect. Thank you for your answer. Now let's go to Level 3. So at this level due to an allowance reduction reduction on the emission trading system, the fuel price has increased. So let's have a look of the new price and continue doing the same activities. But let's go back to using the car, which is the cheapest, the cheapest option.

0:24:34

[Irrelevant data]

0:27:19

IN: So let me ask you a question before going to level 4 and my question will be apart from the game in your real life in the past years, you, you can, you can decide the horizon of analysis, have fuel price impacted you in your transport behaviour in some way? Or how has fuel price impacted you in your life?

0:27:42

P10: Yeah, yeah. Certain taking a deliberate decision to reduce car usage as far as possible. And time, is economical in the number of journeys that we make as we were done before because the price of fuel has grow, by proximately 50% in the last year. So yeah, it's having a big impact on the our thought process when come to decide which mode of transport we're gonna use. Having said that, you know, sometimes there is no alternative but to use the car if you're going to shop, for example, and you gotta bring back a load of shopping, you can't very well cattle that on the bus or balance it on the handlebars of the bike you have to use the car. So it's it's not just a question of cost, but more often than not a question of necessity as to. Which mode of transport you use?

0:28:50

IN: Perfect. Perfect. Thank you very much for your answer. So now let's go back to the to the game.

0:28:58

[Irrelevant data]

0:35:43

IN: And now my question before going to level 5, for you, will be: How is that thing with changing car for more efficient for a more efficient car working in real life? Is that something that you have considered because of the fuel price increase, or you have done because of the fuel price increase?

0:36:2

P10: It's something that we would consider. Yeah, but obviously then there's the capital cost of changing the car, um... We don't have the cash to buy a new car, so for the moment we're stuck with what we've got. We have two vehicles though, one of which is petrol and the other is diesel. So, the diesel obviously is much higher cost per litre, but it is far more efficient than the petrol driven vehicle. And the petrol driven vehicle we've got, it's a camper van. It's 3.5 V6 engine. It does round about 20 miles to the gallon. On a good run. Whereas with the diesel vehicle we get well over 40 miles to the gallon, so the cost is considerably less.

Umm so yeah, whilst we would like to change to a hybrid or electric driven car, the thing that's stopping us at the moment is that is is the finance. We haven't got the money available to do it.

0:37:21

IN: And this is still very expensive in most of...

0:37:23

P10: Yeah, yeah.

0:37:24

IN: Most of the cases.

0:37:26

P10: HMm-hmm.

0:37:27

IN: What about the people around you? Family. Friends? Have you noticed that they are making the same reasoning? Are they changing cars? Considering changing the car?

0:37:38

P10: Umm. Well. I yeah. One or two of them have. Umm I think the change over to electric cars or hybrid cars is not as widespread as you, as you might have thought, because there are a number of other factors you know is how do you charge the vehicle? There still aren't enough charging points available, so if you regularly traveling a long distance. There's still restrictions on how far you can go without charging, and if there aren't sufficient charging points then then it's a major problem. UM. So yeah, I think some of our friends and relatives have changed cars. But not as many as as you would have thought. I think a lot of people that look like ourselves, too are holding back, changing. In the hope that the government might bring out some kind of cash incentive to change. Which you know is still a possibility.

0:38:47

IN: And how have you ever thought about how that incentive could be like the capital cost or perhaps the energy cost? Have you ever thought?

0:38:57

P10: Yeah, I think it's there was a capital cost, uh, you know of a financial reward for trading in your existing car and swapping it for an electric car. Yeah. Then it would make the whole equation much more simple to solve.

0:39:20

IN

OK, perfect. Thank you very much for your answer. Let's go back to the game to Level 5. So, the emission trading system continues to reduce the allowance and therefore increases the unitary cost of using the car. Have a look at the new price and then to reduce travel expenditures, we can avoid visiting some of the facilities. So, it means that we will get less stars at this level if we decide to do so...

0:39:45

[Irrelevant data]

0:43:36

Allan Peñafiel Mera: So now level 6, before going to level 6, I wanted to ask you something about the previous decision. It and you kind of already mention something about that. Is avoiding doing some things that you would like to do going to on holidays or visit in France, something that you have done because of the transport calls before or at any point? Doesn't make sense?

0:44:4

John Loaring (Guest): Umm, no, not really. No, no. We just sort of bite the bullet in the... you know... If we need to go somewhere and it means taking the car. Umm. Of course, we're aware of the cost. It's something we just have to put up with.

0:44:23

Allan Peñafiel Mera: Alright, so by now.

0:44:23

John Loaring (Guest): So, it wouldn't stop us from making the journey.

0:44:29

Allan Peñafiel Mera: Perfect. Thank you. Thank you very much.

0:44:33

Allan Peñafiel Mera: Let's go back to the game. So, the emission trading system [...]

0:44:37

[Irrelevant data]

0:51:0

IN: So I'm gonna hit OK? And my question before going to level 6, is about the decision of where to live Do you think the transport cost is something that may affect the people in the where the people live, where they buy houses or where they rent a houses? Or at some point, do you think the transport cost will make people change their houses? Do you think that's something that may happen?

0:51:34

P10: It's possible, but really. It's the cost of the house. Which is the main deciding factor UM. Because you know. Umm, the transport cost is not gonna rise that much. Uh to make it economic sense to move house when the you know. How's the difference in the house? Prices can be so great. So no, in in real terms. People basically are stuck where they are because the cost of moving to somewhere more convenient is prohibitive. That makes sense.

0:52:21

IN: OK. Yeah, it makes sense it. Yeah. It makes a lot of them. Thank you very much. OK, this is level 7 seven. Now we know all the options available, change card and move houses or use different transfer modes. The emission trading system allowance keep on reducing, but because of the generalized complaints it reduces to a lower rate. So, it means that the fuel price will continue to increase but not to the same to the same rate.

0:52:51

IN: Because of the sorry, let's have a look at the new price and also what I would like you to do is I would like you, I would like to ask you now is? If you have to complain if you have to complain about the fuel prices, not necessarily a formal complaint, but have talking to your friend or talking to someone on on on the street. If that's the case what would you say about the fuel price increase if in, in, in, in in a way in the form of a complain? What would you do?

0:53:37

IN: Is that something that you do? You do you? Sorry. Sorry to interrupt. Is something that you sometimes do? Like when you meet with the with friends or with Someone Like You talk about the fuel prices?

0:53:47

P10: Well, yeah. Yes. Yeah, I think, uh, it's a common topic of conversation. It it's fuel prices and and the load and as you driving around you're looking at a petrol station prices and and remarking on. How much they've gone up compared with last week, or or perhaps a few cents cheaper in a in a petrol station down the road. So yeah. We're we're far more aware of fuel prices and we we talk about it. But Umm. It's as far as complaining. I think the main complaint is. They sometimes the those pricing increases are inequitable and and difficult to justify. Yes, we accept that, you know, because of the. Warning in the Ukraine there prices are going up, but on the other hand you're seeing. Petrol companies UM recording record profits, so it's it's completely inequitable. The amount of tax that the government takes from the sale of fuel. It is unjustifiable. So yeah, there are things which are wrong with the system. Uh would complain about it, but at the end of the day, it's not a lot you can do about it.

0:55:15

IN: Perfect. Just to summarize it: From the perspective from the comment you made, two main reasons that impact the fuel price. Uno one is the Ukraine situation.

0:55:30

P10: Yeah.

0:55:29

IN: And the other one is perhaps maybe that, uh, fuel companies are just. Profiting too much from that business we would that make sense?

0:55:40

P10: Yeah, yeah.

0:55:42

IN: What? What about what about the government participation in the in the form of a of taxes or any other policy that incur?

0:55:48

P10: Well, this is it. You know, you know that. We have fewer duty which is related to the price of fuel. So, the government is benefiting every time the fuel price goes up. They're share of that cost also goes up. So yeah, the government is actually benefiting from the rise in fuel prices. UM, in the UK, it's not just fuel duty. We we have V8 on fuel and all the rest of it, so.

0:56:22

P10: The government did in, in some respects it is not in their best interest to keep the price of fuel down because you know the government revenue will increase the more fuel goes up in price the, the greater the revenue, the little they will collect from it.

0:56:39

IN: OK.

0:56:39

P10: And of course, the individuals who are making these decisions within government, it doesn't affect them at all. It doesn't matter how much fuel goes up because. Because they don't expenses. You know the the taxpayers is paying. So MP's and Government officials. They don't really care, they don't really care because I'm alright, Jack. Would be their attitude. Sorry, going on.

0:57:12

IN: No, perfect. That's what I wanted to hear. Yeah. Thank you very much. OK, now we are at level 7 and we already talked about the complaining about fuel prices. We have to we have to do the same activities. How would you like to do it now?

0:57:31

[Irrelevant data]

1:2:9

IN: Perfect. And now apart from the apart from the game, the question will be in real life. Have you ever joined demonstration for any reason, not necessarily for transport? Or any related thing?

1:2:20

P10: No. Yeah. Yes, I have. Yeah, yeah.

1:2:23

IN: Can we know what has been the topics that interest you that much to join the demonstration if you will to share.

1:2:30

P10: Things like Independence for Wales. That's I'm going on a demonstration next week on that. So yeah, that's the sort of thing I would demonstrate again and uh. I can't think of any others off the top of my head that I've I've demonstrated against recently, but.

1:2:53

IN: OK, you say so because of this topic, the independence of where have you demonstrated for that before?

1:3:1

P10: Yes. Yep. Have, yeah.

1:3:3

IN: Alright. Perfect.

1:3:4

P10: And what's it doesn't have any immediate effect. I think it. It

attracts publicity for for the for the cause, UM, and hopefully you know more people will be influenced and it'll build up a groundswell of. Popular opinion in favour of independence. So yeah, I think it's something that I will continue. Umm. Campaigning for the other things I've demonstrated for in recent years. Well, there was one was they were proposing, oh, they are going ahead to build a new cancer hospital on a nature reserve. Umm and I was. Very much opposed to that. And we went on a couple of marches. Uh, demonstrating against it, but didn't work in the end because, ecause really, you know you're banging your head against a brick wall when there are so many other vested interests and what you think is is a logical decision is not it's it's a decision driven by by money. And when the powers that be are the ones, you know who are gaining financially then. You're up against it and all the demonstrating in the world is not gonna bring any benefits. Yeah.

1:4:40

IN: Perfect. Thank you very much. Very interesting. Are you supposed wondering, I don't know if you remember, there was very famous for the people that studied transport in general in 2002 thousand. I think they call it hearing in Europe, the tax revolt. There was a very big movement all around Europe because of increasing fuel taxes including the UK and Europe. Do you remember that?

1:5:9

P10: Not really, no. I can't say I do.

1:5:12

IN: And do you remember around that time 2000 and some movements for?

1:5:16

P10: Yeah, but I don't think it was very strong in the UK.

1:5:21

IN: Alright. Alright, perfect. Thank you very much. Very interesting comment.

1:5:28

P10:

I think we're far more placid in the UK. You know, I envy I, for example, our French colleagues who will far more vocal and volatile, and will take to the streets and and protest. Uh, far more readily than it we do in the UK. Anyway.

1:5:52

IN: Yeah, I think I think we all can agree that the French, they are experts in the demonstration.

1:5:59

P10: Yeah. And I admire them for it. I wish we were more likely.

1:6:4

IN: Yeah, yeah, it's a cultural thing. I believe it's part of the French culture just the freedom fight for freedom.

1:6:14

P10: Yeah.

1:6:16

IN:

OK, perfect. So, we are now at level... Let's go back to the game. We're now at level 8. We talk a little bit about demonstration. Thank you for that. And how would you like to proceed now with so already how?

1:6:28

[Irrelevant data]

1:14:8

IN: But before uh going to the decision... I've been talking about the emission trading system as the reason why the fuel price increase through the through the different levels.

1:14:34

P10: Yeah.

1:14:21

IN: Through the comments, at some point you mentioned the different reasons because different reasons of why the fuel price increase, like a shortage because of the war in Ukraine, perhaps the profits of the of the fuel companies, the fuel duties, another reason have you ever heard about? Have you ever heard about the emission trading system?

1:14:43

P10: Yeah, yeah. Umm, I'm not quite sure what you mean by that but. Umm.

1:14:50

IN: I can explain it to you.

1:14:52

IN: There is, there is a proposal which is still not as still not in place, that's why we implemented here in the game and to develop an emission trading system, apply for fuel suppliers only for fuel suppliers in the UK now. There is already in place and emission trading system that work for some industry. Normally for big industry like a steel industries or refineries, industry in general and the system works. It's kind of very easy to understand is they have a limit of emission that they can produce. If they don't produce all right. Umm. To that limit, the difference the remaining allowance. They can sell it to other industries and gain some money from that, but the opposite, the opposite happened. When they produce more emissions than the limit, they have to pay a penalty to the government, or they can buy allowance from other industries that didn't use the allowance.

1:15:55

P10: Yeah, yeah.

1:15:56

IN: That is simply how it works now, but there is a proposal of increasing this emission trading system to include the include the fuel suppliers. So, it means now the fuel suppliers will be paying that penalty. If they pass the emissions and. Normally The thing is still suppliers doesn't have many opportunities to reduce emissions, that's their business to use oil and oil produce a greenhouse emissions.

1:16:29

P10: Yeah.

1:16:30

IN: So, what the academic? Some researchers are arguing on with some policymakers. Is that at the end of the day, they will transfer that those penalties to the user.

1:16:44

P10: Umm.

1:16:43

IN: At the end, so that will be that will be another source for increasing fuel price.

1:16:49

P10: Yeah, but the system is so fraudulent, isn't it? You know, we had the scandal with VW where they were saying there are missions who are a lot lower than they actually were. For example, we we've just had financial compensation for having been sold a car powered by a VW engine Se bought it on the premises that the IT would be, uh, that very low emissions and yet we were lied to and the system was flawed and the emissions were a lot higher than than we thought they were. So it it it affected our decision in buying that car and our decision making process was was built on lies. And the motor industry is such a huge voice. And so powerful that. Yeah, I'm sorry. You just can't trust them. So, who's actually going to regulate them? And who, who? Who's going to uh, imposes restrictions on emissions. I'm sorry I'm a little bit sceptical about that. This one.

1:18:6

IN: Thank you very much. That's perfect. Yeah, this is what they wanted to hear. So, it's important. You can I summarize your comment that is important for you, and it will be important for people in general to trust how the policy is gonna be enforced.

1:18:19

P10: Yeah, yeah, yeah. And there's a great shortage of trust, I'm afraid. It's mean government and industry has proven time and time again that they're not to be trusted.

1:18:34

IN: OK, perfect. I have one more question for you. Before we finish the before we finish the game, but let's finish Level 9. So now how how would you like to proceed? You have tried all the options available car, the bike, the the working and the. So now what what will be your your decision?

1:18:50

[Irrelevant data]

1:19:49

IN: Before going to that part, I at the beginning I forgot to ask you one question. For how long have you been using your car? Like how old were you when you had your first car first car?

1:20:6

P10: Ohh gosh. Umm. I think I was about 24, 25 and I had my first car. Hello.

1:20:18

IN: And since then never stop.

1:20:20

P10:

No, no.

1:20:25

IN: Did you? Did you?

1:20:26

P10: And the, the interesting thing is that once I got a car, I stopped using the bike.

1:20:32

P10: I've taken up cycling again quite recently. In the last year. And I'm enjoying it and I keep asking myself, though, why haven't I been doing this before? You know, why did I not cycle for all those years? But there we go.

1:20:52

IN: Yeah, I can. I can commend about that. But I before. Make me any com in this your parents. Did your parents had cars?

1:21:4.

P10: No, no, no.

1:21:7

IN: None of them, never your family.

1:21:9

P10: The parents never had a car and my father cycle to work.

1:21:20

IN: And do you remember? Why was the reason was that the cars were too expensive at that time?

1:21:26

P10: Yeah, we had no money.

1:21:32

IN:

Traffic no. And well, they wanted to comment about the, the, the reason we stopped using the car. It's something that we are citizen forget and then when you start like in my case, I dedicate myself to study transport planning and all the all the, all the reasoning behind the city planning in terms of transport, The thing is.

1:21:55

IN: As you mentioned, also during the interview the car the car industry became like a powerhouse.

1:22:3

P10: Yes, exactly.

1:22:3

IN: Two influential uh and they rule in the way the cities they are decided in order to make it easy for cars to be there. So at some point we were forced to use the car as the only transport option.

1:22:20

P10: Yeah, and it that is still going on cause the motor industry is Primarily UM. Biased towards petrol engines. And so again, it is not in their interest in people to be switching to uh electric cars. So that this, you know, yeah. Umm, the power that they have, uh is still uh. A major influence in in transport decisions.

1:22:55

IN: In the in the in the in the whole city decision because the the other thing that I always uh research about is how normally when we think about housing decisions and transport planning, normally we as citizens are tend to think them as different problems.

1:23:16

P10: Yeah, yeah.

1:23:16

IN: But The thing is, they are highly interrelated.

1:23:20

P10: Oh, very much so, yeah.

1:23:21

IN: How we plan all the land uses and how we plan the public transport services and the infrastructure. So I'm going to finish the level now. Sorry to interrupt. Now we collected 58 coins and the 26 star and we have a balance of 113. What I'm gonna tell you now before is that we.

1:23:43

[Irrelevant data]

1:24:7

IN: You made some comments about the mission trading systems in terms of people don't trust in it in general in so what do you think? Which one you will you think will be a more efficient policy to apply that in terms of the people will accept or reject less, accept more, or reject less. If the government have to increase the fuel price because they are committed to reduce emissions and increasing the fuel prices and one way to do it, just think that it's possible to do it in that way and they have two options, the emission trading system. Once I on in the on the other side, they have the option of increasing the fuel taxes. You as a citizen. What? What do you think that will be easy to accept? Or less difficult to accept.

1:24:58

P10: Umm. I think it. Increasing fuel tax would be very hard to accept. Umm yeah, fuel prices have gone up to an absurd level now, and that's the thing, it's affecting everything, isn't it? The cost of fuel is driving inflation. So, cost of fuel, the distribution costs, food costs, manufacturing costs. And are all being affected. And so you can't carry on just increasing the cost of fuel. You must look at alternative sources of energy and renewable energies of have gotta come more to the fore. The problem is, as I've said before, we have so many vested interests who are opposed to. A further extension in renewable energies Wales here we could have built. There was a plan to build a barrage across Swansea Bay to harness wave power and that that was thrown out because it was told that the unit cost kilowatts produced was too high. Well, it's ridiculous because you know, since that decision was taken. Uh fuel costs are doubled and it makes now the decision look even more absurd. And it was at the time. So we need



to be looking at alternative sources of renewable energy. Once we've done that, you know we can switch more of our transport needs to Electric cars because if we have cheap energy, uh via renewables, then you know it. It passes on to our transport cost. They will also come down. OK, government income might fall as well and certainly. Dividends and profits for the rich and the wealthy will fall, but that's got to be the way to go. If uh, if this world is to survive.

1:27:26

IN: OK. And I I agree with that first at all. And the thing I was I wanted to ask you about that is so. We agree with me if I say just departing for what you just comment, he said is better if you see a alternative option first.

1:28:1

P10: Yeah.

1:27:48

IN: That are cheaper and then the government could do whatever they want with the fuel price they because if they increase, I mean if they increase the fuel price, but you have already some alternative energy options that are cheaper, you can migrate to that other one and you don't care about the fuel price.

1:28:5

P10: Yeah, yeah.

1:28:5

IN: So, it's kind of it would be better to accept this. You have alternative options available.

1:28:11

P10: Yeah, yeah.

1:28:12

IN: Before.

1:28:14

P10: Hmm.

1:28:14

IN: OK, perfect. Thank you very much. We're goanna finish late. The game now. So how would you like to proceed to the next to the final level?

1:28:24

[Irrelevant data]