BiUrbs Delphi survey

Start of Block: Introduction

**Thank you for participating in the** [BiUrbs](https://www.biurbs.org/) **stakeholder survey**  
   
 The purpose of this survey is to collect the views of stakeholders involved in delivering biodiversity in new urban developments. The survey will ask you to score statements related to biodiversity on new urban development. First, the survey will ask about **goals** related to delivering biodiversity, then **barriers** to delivery, and then **enablers** of delivery.  
   
 We will analyse the results of this survey and share them at the stakeholder workshop in June, when you will also receive an invitation to complete a second round of this survey. In this second round you will have the chance to see how the overall group responded to these questions and will be asked to consider the statements again.  
   
 Your participation is anonymous, and results are only reported anonymously or in aggregated form. Taking part means that you agree for your data to be used in line with the [participant information sheet](https://uweacuk-my.sharepoint.com/:w:/r/personal/philippa_hughes_uwe_ac_uk/Documents/Biodiveristy%20research/Ethics/Biurbs%20Workshop%20participants%20GENERAL%20240323.docx?d=w3c71e9204d1e4f258bda7a256d1fb2eb&amp;csf=1&amp;web=1&amp;e=xYpep9) and [research privacy notice](https://uweacuk-my.sharepoint.com/:w:/r/personal/philippa_hughes_uwe_ac_uk/Documents/Biodiveristy%20research/Ethics/BiURbs%20Research%20Privacy%20Notice%20%20090323.docx?d=w584bb2b631d043e9bd697ca6a1377765&amp;csf=1&amp;web=1&amp;e=fKi9XP).  
   
 Please click to acknowledge you have understood the information and are ready to continue.  
   
         https://www.biurbs.org/    
    
    
 

End of Block: Introduction

Start of Block: Goals

Goals  *This section asks you to use your experience to rate different goals of biodiversity delivery in urban development.*  
   
 On a scale of 1 (not important at all) to 7 (very important) how important are each of the following goals for delivering biodiversity in new developments?

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

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|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

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| --- | --- |
| Reduce habitat loss () |  |
| Create a new habitat () |  |
| Comply with planning policy () |  |
| Comply with biodiversity net gain legislation () |  |
| Meet voluntary benchmarks or standards () |  |
| Enhance the biodiversity of the local area () |  |
| Protect a specific habitat or species () |  |
| Provide ecological connectivity () |  |
| Comply with funding requirements () |  |
| Comply with client specifications () |  |

Are there any additional goals for the delivery of biodiversity that you think are relevant?

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Goals   
  
On a scale of 1 (not important at all) to 7 (very important) how important are each of these co-benefits when considering how biodiversity is delivered in new developments?

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

|  |  |  |  |  |  |  |  |
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|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

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| --- | --- |
| Provide sustainable drainage () |  |
| Mitigate the urban heat island effect () |  |
| Provide open space for recreation () |  |
| Provide or increase access to nature () |  |
| Improve air quality () |  |
| Provide space for food growing () |  |
| Increase property value () |  |
| Create a more attractive place () |  |
| Support local high streets or urban centres () |  |
| Support community building () |  |
| Demonstrate sustainability credentials () |  |

Are there any additional co-benefits related to delivering biodiversity that you think are relevant?

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Goals  
  
On a scale of 1 (not at all well) to 7 (very well) how well do you think each of these co-benefits also deliver for biodiversity?

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not at all well | Very well | Don't know/ Not Applicable |

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|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

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| Provide sustainable drainage () |  |
| Mitigate the urban heat island effect () |  |
| Provide open space for recreation () |  |
| Provide or increase access to nature () |  |
| Improve air quality () |  |
| Provide space for food growing () |  |
| Increase property value () |  |
| Create a more attractive place () |  |
| Support local high streets or urban centres () |  |
| Support community building () |  |
| Demonstrate sustainability credentials () |  |

Do you have any comments about the biodiversity goals or co-benefits you have considered in this survey?

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End of Block: Goals

Start of Block: Barriers

Barriers  *This section asks you to consider barriers to the delivery of biodiversity and achieving biodiversity goals through new urban developments.*  
   
 On a scale of 1 (not important at all) to 7 (very important) how important of a barrier is each of the following to delivering biodiversity through new urban developments? (1 of 3)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

|  |  |
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| Weak policy and/or regulation () |  |
| Lack of policy/regulatory enforcement () |  |
| Different requirements between local authorities () |  |
| Policies and regulations are overly complex () |  |
| Time it takes to comply with policy requirements () |  |
| Biodiversity delivered at the site level without consideration of wider context () |  |
| Planning tools and systems are not designed to prioritise biodiversity () |  |
| Lack of coordination between multiple governance bodies related to biodiversity delivery () |  |
| Lack of quality data to support decision-making on biodiversity () |  |
| Over use of biodiversity offsetting () |  |
| Inappropriate maintenance or management of green infrastructure () |  |
| Supply chain issues e.g. lack of trees () |  |

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Barriers   
  
 On a scale of 1 (not important at all) to 7 (very important) how important of a barrier is each of the following to delivering biodiversity through new urban developments? (2 of 3)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

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|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

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| Lack of access to ecological expertise () |  |
| Uneven distribution of relevant knowledge and skills within local authorities () |  |
| Lack of relevant knowledge and skills among other built environment professionals e.g. development surveyors and construction workers () |  |
| Difficult to change entrenched ways of working () |  |
| Uncertainty about specific requirements for delivering biodiversity () |  |
| Concerns about long-term ownership and maintenance () |  |
| Lack of public support for biodiversity () |  |
| Concerns about changing neighbourhood character and/or gentrification. () |  |
| Lack of access to appropriate funding () |  |
| Opportunity cost to development through space required for biodiversity () |  |
| The current model of development does not adequately incentivise biodiversity () |  |

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Barriers  
  
 On a scale of 1 (not important at all) to 7 (very important) how important of a barrier is each of the following to delivering biodiversity through new urban developments? (3 of 3)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

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| Increased financial risk to the development () |  |
| Greater maintenance cost () |  |
| Greater build cost () |  |
| Lack of awareness of the opportunities for co-benefits with other priorities (e.g. sustainable drainage, health and well-being). () |  |
| Small and fragmented development sites () |  |
| Site constraints make build costs too great to deliver biodiversity () |  |
| Increasing material costs is changing development viability () |  |
| Need to deliver other planning objectives () |  |
| Biodiverse areas are, or are perceived to be, not as attractive as other green spaces () |  |
| Requirements for access and use of space conflicts with biodiversity aims () |  |
| Competition from other functions of green infrastructure () |  |

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Are there any additional barriers to delivering biodiversity in new developments in urban environments that you think are relevant?

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Do you have any comments about the barriers you have considered in this survey?

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End of Block: Barriers

Start of Block: Enablers

Enablers  
  
 *This section asks you to consider the enablers to realising biodiversity delivery on site and to achieving desired biodiversity outcomes through new development.*  
   
 On a scale of 1 (not important at all) to 7 (very important) how important of an enabler is each of the following to delivering biodiversity through new urban developments? (1 of 2)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

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| Subsidies and financial incentives for biodiversity interventions () |  |
| Biodiversity interventions lead to higher property values () |  |
| Long-term funding model for maintenance agreed () |  |
| Where client or funder requires delivery of biodiversity and/or green building () |  |
| Opportunity to provide ecological connectivity () |  |
| Effective collaboration between governance bodies () |  |
| Legislation and regulations that enforce biodiversity standards () |  |
| Having strongly worded local planning policy that sets expectations for new development () |  |
| Biodiversity targets mandated through legislation () |  |
| Having strategic leadership and management of biodiversity () |  |
| Having local political support for biodiversity () |  |
| Having strong support for biodiversity among the local population () |  |
| Having a strong local champion for biodiversity in the local authority () |  |

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Enablers  
  
 On a scale of 1 (not important at all) to 7 (very important) how important of an enabler is each of the following to delivering biodiversity through new urban developments? (2 of 2)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Not important at all | Very important | Don't know/ Not Applicable |

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|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

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| Tools that calculate economic benefits of biodiversity for the area () |  |
| Where there is quality ecological data () |  |
| Effective data sharing () |  |
| Appropriate off-setting services available () |  |
| Having consistency in the staff involved in, and championing biodiversity, through the development process () |  |
| Effective public-private partnership working () |  |
| Where there is meaningful public engagement with the development () |  |
| Citizen engagement in stewardship of biodiversity enhancements through volunteering () |  |
| Working towards green building accreditation () |  |
| Access to ecological training for planning officers and developers () |  |
| Access to qualified ecologists () |  |
| Where there is knowledge and experience of successful biodiversity interventions on other developments () |  |

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Are there any additional enablers related to delivering biodiversity in new developments in urban environments you think are relevant?

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Do you have any comments about the enablers you have considered in this survey?

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End of Block: Enablers

Start of Block: Stakeholder type

**Your role**  
This is the final part to the survey. The following three questions are included enable the research team to understand the make-up of the stakeholder group who have answered this survey. You may feel you have answered these previously, however, as the survey is anonymous we need to ask again in order to understand the expertise of the stakeholder group.

|  |
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Please select which profession best describes your current role:

* Planning policy officer (1)
* Private sector planner (2)
* Development management planner (3)
* Ecologist (4)
* Quantity surveyor (5)
* Urban designer (6)
* Architect (7)
* National government policy officer (8)
* Local government policy officer (9)
* Consultant (10)
* Sustainability professional (11)
* Development surveyor (12)
* Landscape architect (14)
* Drainage engineer (15)
* Transport planner/engineer (16)
* Planning enforcement officer (18)
* Other (please specify) (17) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please select how many years of experience you have working in this profession:

* 0 to 5 (1)
* 5 to 10 (2)
* 10 to 15 (3)
* 15 + (4)

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Please select your current sector:

* Private sector - housebuilder/ developer (1)
* Private sector - consultant (15)
* Private sector - construction (16)
* Public sector - national government (11)
* Public sector - local government (10)
* Housing Association (12)
* Third sector organisation (13)
* Other (please specify) (14) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Do you have any additional thoughts about the delivery of biodiversity on new urban developments?

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End of Block: Stakeholder type