





Urban rewilding aesthetics&people's needs into multifunctional blue and green infrastructure design

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Engineering and Physical Sciences Research Council





Project Aims



This project investigates both the challenges and the multi-functional benefits of rewilding in urban contexts.

The primary objective of this research is to create a set of resources that can assist local authorities and other land managers in determining how, where, and what types of urban rewilding might benefit local communities in providing health and wellbeing through access to increased and higher-quality green infrastructure, while also providing solutions to avoid disbenefits and the creation or amplification of inequality.

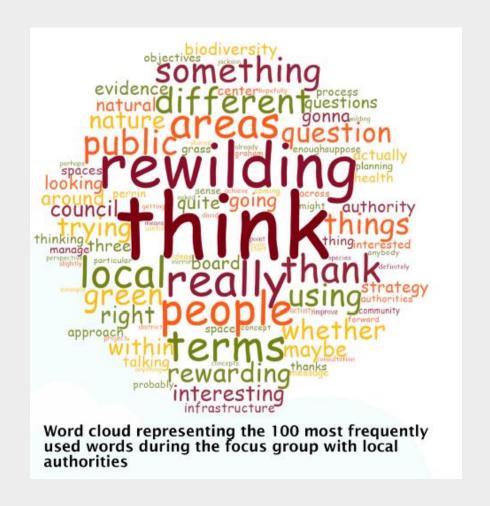
» Alessio Russo*, Alice Goodenough, Adam Sheppard, David Cheshire, Giuseppe T. Cirella, Francisco J. Escobedo, Kevin Harrington, Christoph D. D. Rupprecht, Mallika Sardeshpande

Achievements to Date Focus group with Local Authorities



Understanding Local Authorities' Perspective

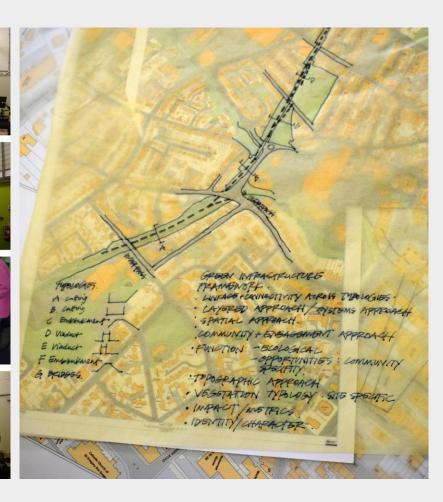
- » A focus group was conducted with local authorities to explore their understanding and utilisation of the term "rewilding" and to identify their objectives concerning rewilding initiatives in their respective areas
- » 3rd February 2023



Achievements to Date Design Workshop







Achievements to Date Online Survey





Follow the link or scan the QR code to complete the survey and contribute your opinion to our understanding of peoples perceptions and the aesthetics of urban rewilding.



https://glos.onlinesurveys.ac.uk/cheltenham-urban-rewilding

Transformational change in urban areas is crucial to reversing biodiversity loss and tackling climate change. Cities are increasingly experiencing ecological degradation, often made worse by the effects of climate change with rising temperatures and more extreme weather. It is widely agreed that the biodiversity and climate crises are inseparable and must be solved together. (Arup, 2023). How do you feel about rewilding in urban spaces?

Page 4: Honeybourne Line

Please take a look at the three landscape images below and rank them based on your preference. Use the numbers 1, 2, and 3 to indicate your favourite image (1 being the most preferred and 3 being the least preferred).



A) Signature green space.



B) Moderate rewilding.



C) Intensive rewiding.

Achievements to Date Preliminary key results



Key Results - LA

» Contrasting Views from Local Authorities

Emerging Themes

- » Urban Exclusion: Some believe rewilding excludes human needs in urban contexts.
- » Conceptual Challenges: Issues with interpretation and application of the term "rewilding."
- » Scale Requirement: Perceptions of largescale settings for rewilding projects.
- » Rural Origins: Rewilding models predominantly emerging from rural landscapes.

Key results- People

Value of Existing Wild Areas

» Residents and visitors value existing wild areas in familiar green spaces.

Understanding of Urban Rewilding

- » Most respondents have moderate to good knowledge of urban rewilding.
- » View urban rewilding as a valuable feature in Cheltenham's green spaces.

Achievements to Date Preliminary key results



Key Results - People

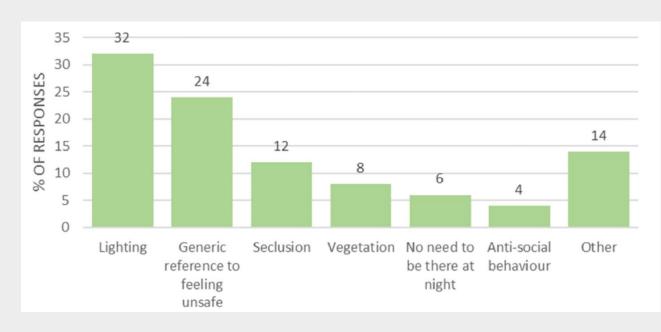
Wellbeing and Rewilding

» Moderately rewilded scenes generate the highest wellbeing responses.

Perceptions of Safety

- » Moderately rewilded spaces are perceived as the safest
- » Intensively rewilded landscapes are perceived as the least safe spaces.

Temporal Aspect - Nighttime

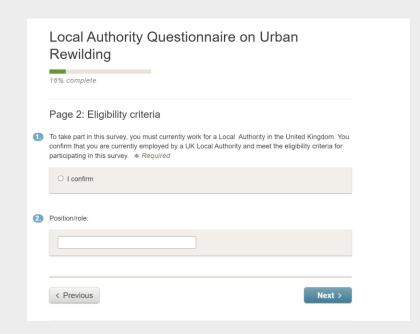


Lack of Lighting: Participants frequently expressed concerns about the absence of lighting.

Expectations for the remainder of the project National Survey for local authorities



The purpose of this survey is to gather information from professionals working in UK Local Authorities regarding their understanding, practices, and challenges related to urban rewilding.





https://glos.onlinesurveys.ac.uk/local-planning-authority-questionnaire-on-urban-rewilding-4

Expectations for the remainder of the project Final symposium in December 2023



THANK YOU

» Alessio Russo*, Alice Goodenough, Adam Sheppard, David Cheshire, Giuseppe T. Cirella, Francisco J. Escobedo, Kevin Harrington, Christoph D. D. Rupprecht, Mallika Sardeshpande