

REFLECTIONS OF A GREEN ROOF
CAMPAIGNER
DUSTY GEDGE -

IN EUROPE





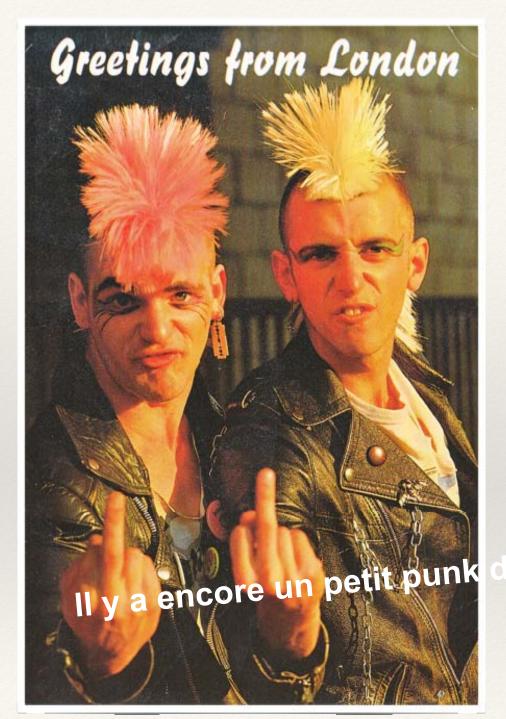


GRENER CITIES IN EUROPE

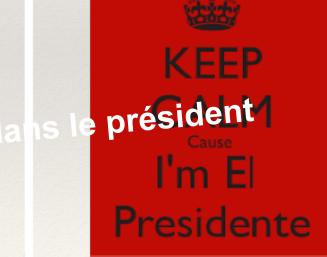


L'Association des Toitures & Façades Végétales





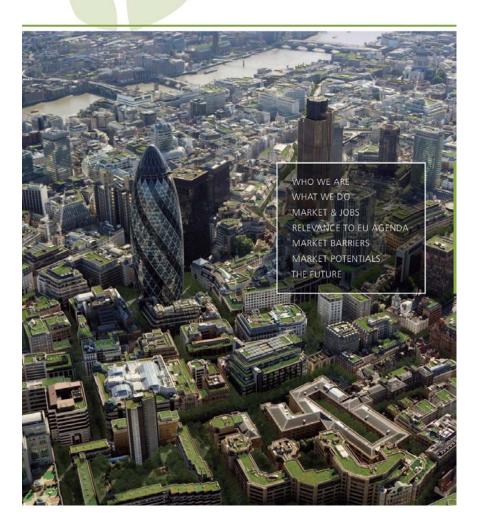






2015 WHITE PAPER







Developing a mechanism supporting b decisions on environment on the best a knowledge.

THE DIFFERENCE WE WANT TO MAKE HOW CAN WE MAKE A DIFFERENCE? HOW TO GET INVOLVED?

ACTIVITIES



As a scientist, interact, share your knowledge, and discuss emerging issues with policymakers and other stakeholders



ΕN

Biodiversity

In Europe, almost a quarter of wild species are now threatened with extinction



EU Biodiversity Strategy to 2020

Biodiversity – the extraordinary variety of ecosystems, species and genes that surround us – is not only important in its own right, it also provides society with a wide range of ecosystem services upon which we depend, such as food, freshwater, pollination, protection against floods, etc...

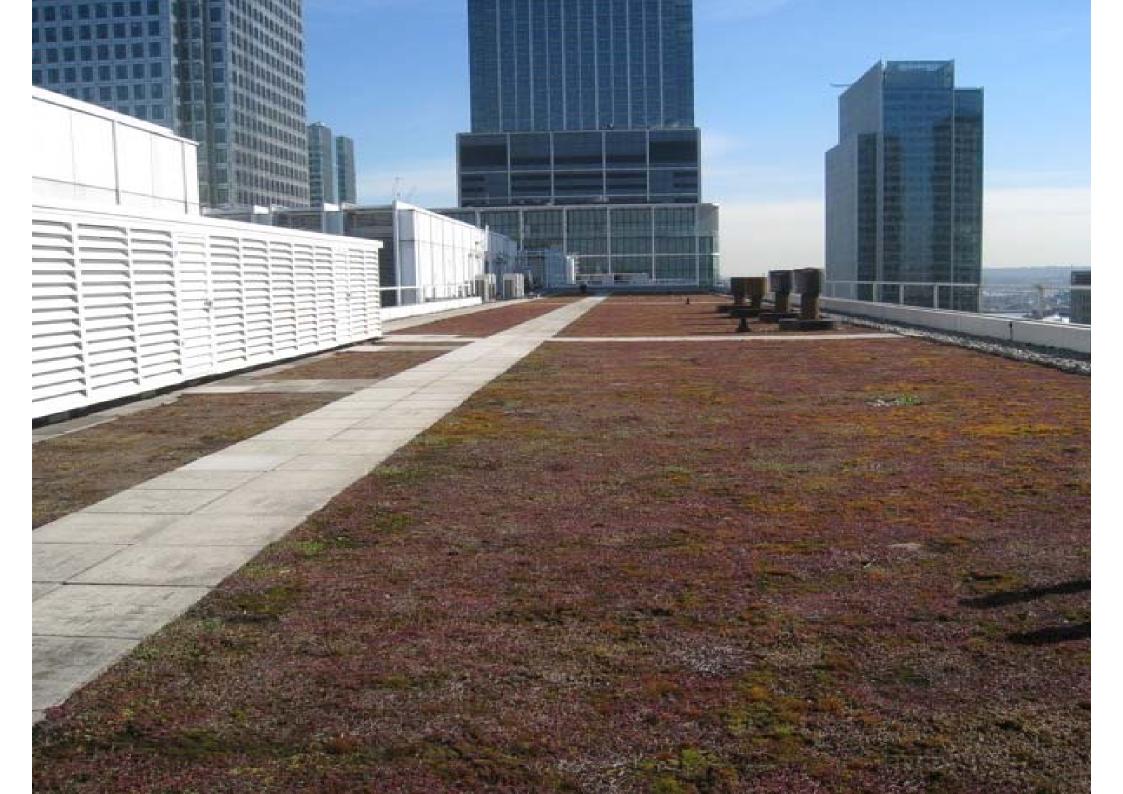
Biodiversity is however in crisis. In Europe, almost a quarter of wild species are now threatened with extinction and the majority of ecosystems are degraded to the point where they are no longer able to deliver their valuable services. This degradation represents enormous social and economic losses for the EU.

Key drivers of biodiversity loss, such as habitat change, overexploitation of natural resources, the introduction and spread of invasive alien species and climate change, have increased, offsetting the positive effects of actions to stem biodiversity loss.

In May 2011, the European Commission adopted a new strategy that lays down the framework for EU action over the next ten years in order to meet the 2020 biodiversity headline target set by EU leaders in March 2010.

The strategy is built around six mutually supportive targets which address the main drivers of biodiversity loss and aim to reduce the key pressures on nature and ecosystem services in the EU. Each target is further translated into a set of time-bound actions and other accompanying measures.











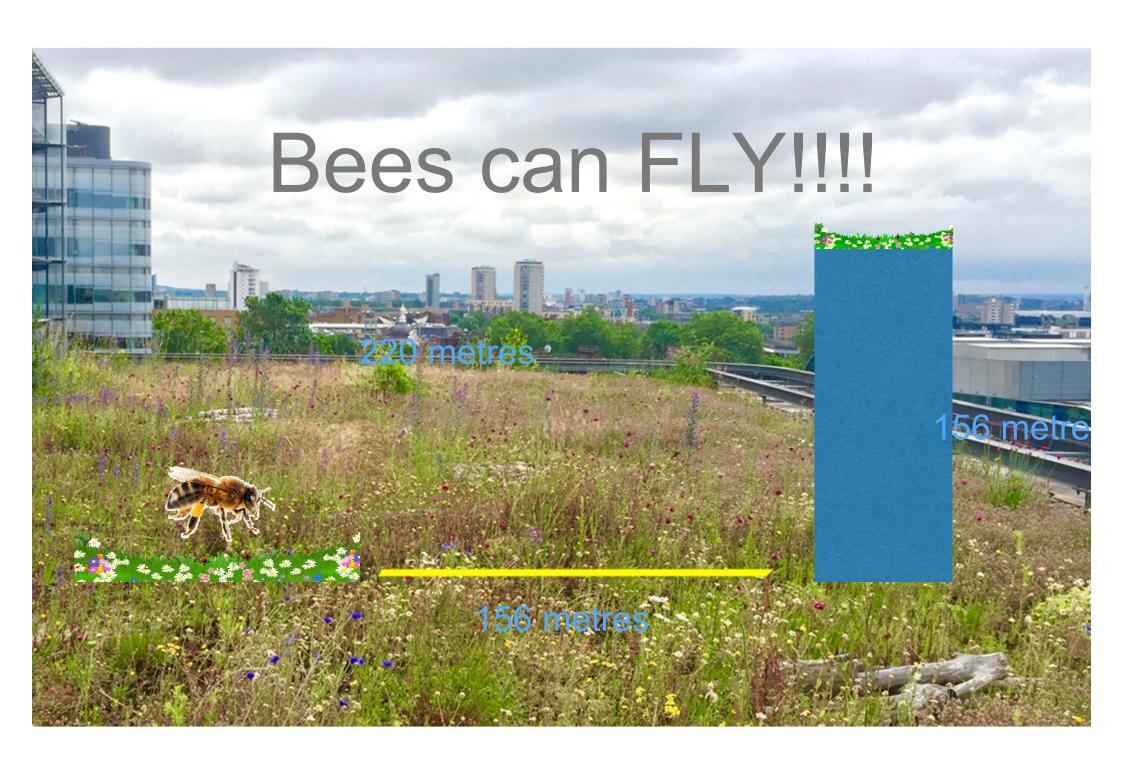


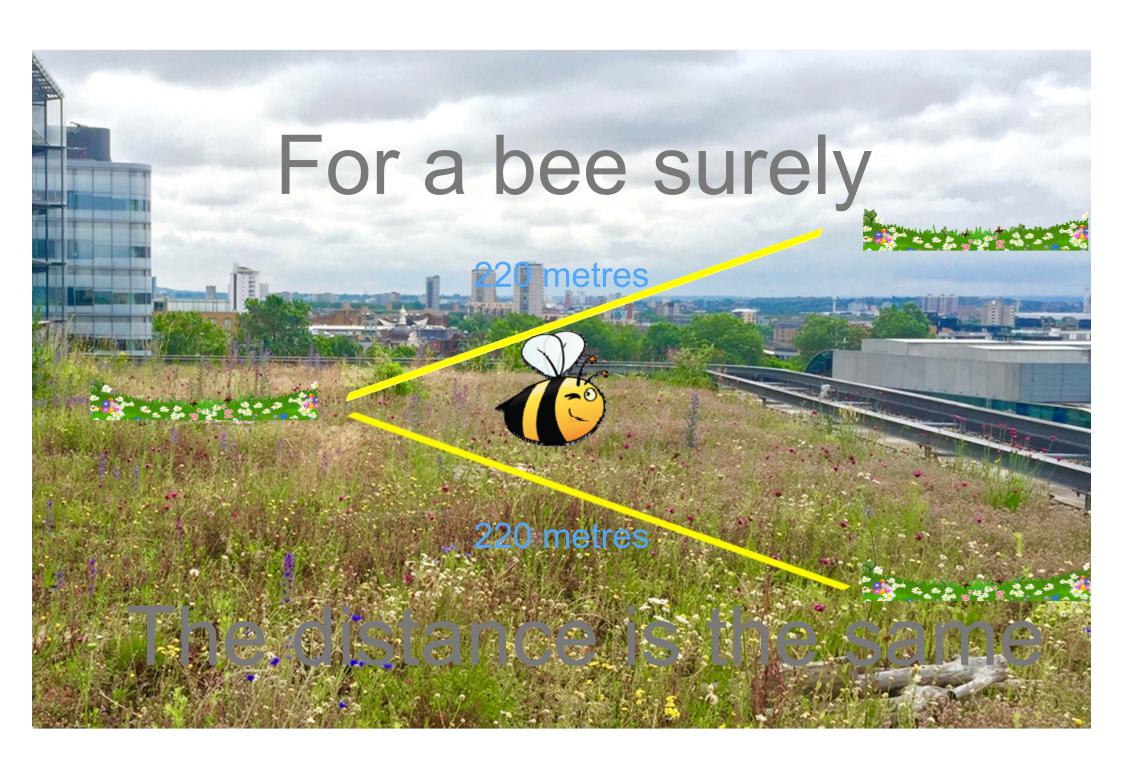
















Green roofs and biodiversity

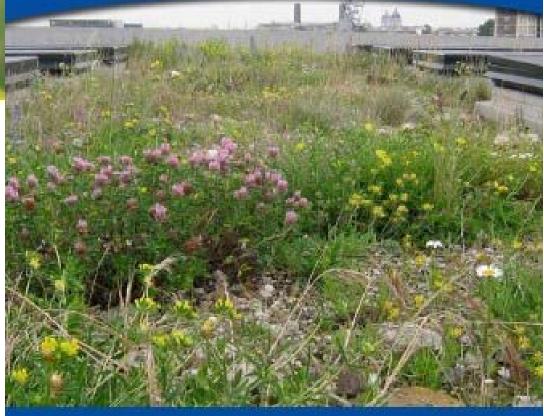
Can Green Roofs provide habitat for invertebrates in an urban environment?





CREATING GREEN ROOFS FOR INVERTEBRATES

A BEST PRACTICE GUIDE









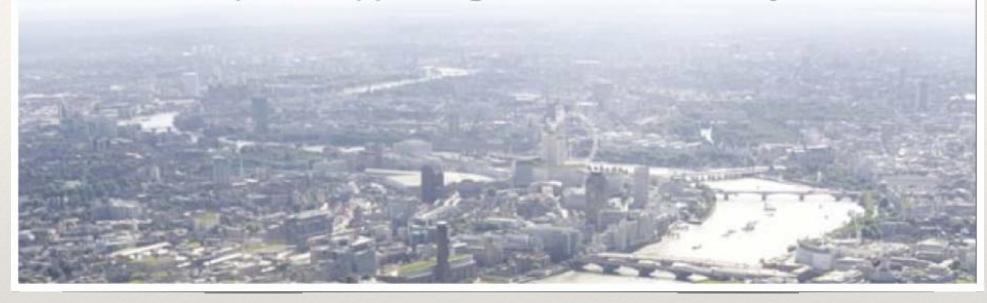




THEME OF GREEN ROOF RESEARCH \$	THE PERCENTAGE OF PAPERS ON THIS THEME
General aspects of environment and ecology	40%
Engineering	37%
Biodiversity	3%

Living Roofs and Walls

Technical Report: Supporting London Plan Policy



Published 2006

Technical report to support London Plan 2008

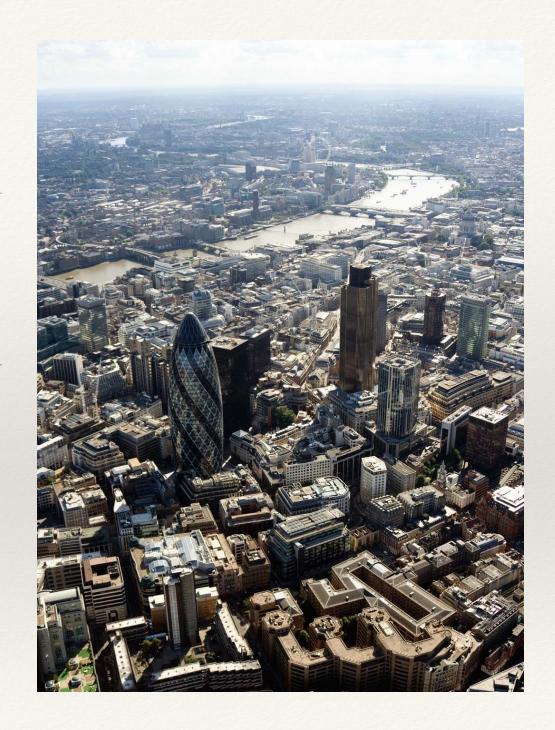
Available from www.london.gov.uk

Condition

Original - topographic variety 50mm-150mm, mix of native wildflowers and sedums with other features - wood, stone etc

Improvements

- **★**3 Boroughs ask for a full **biodiversity management plans**
- ★4 Boroughs



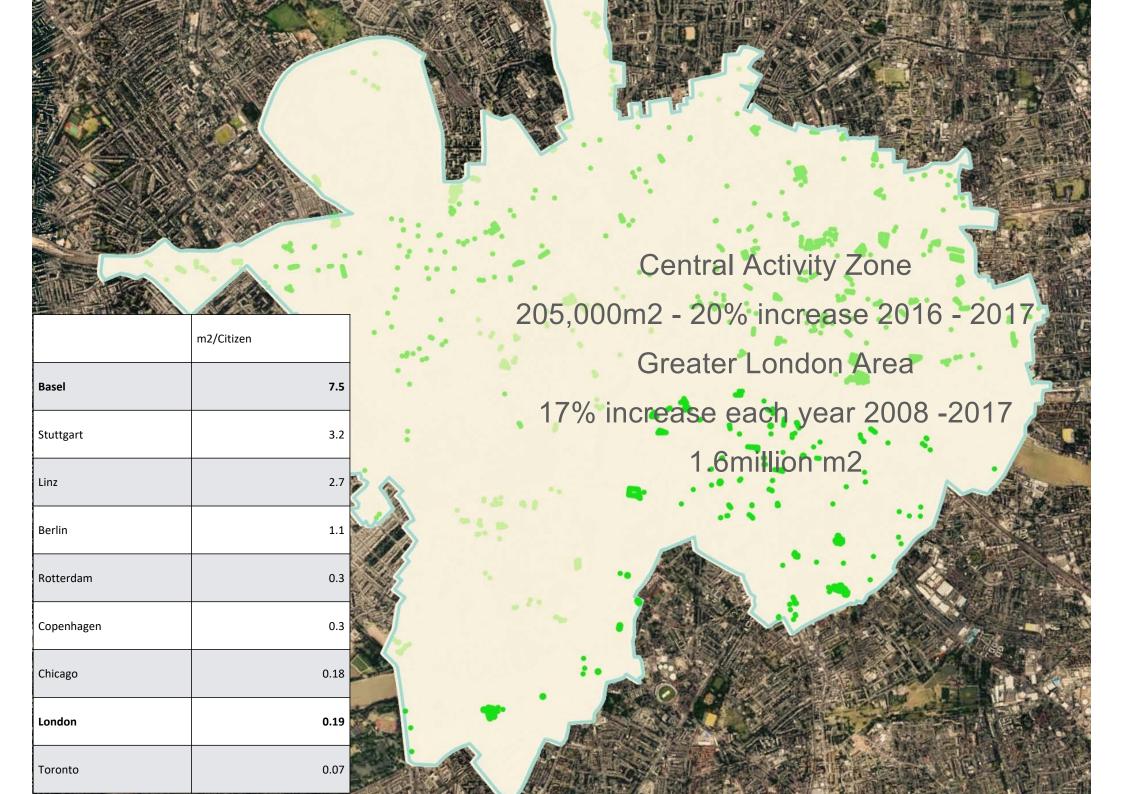
Detailed local condition

Original - topographic variety 50mm-150mm, mix of native wildflowers and sedums with other features - wood, stone etc

Improvements

- **★**3 Boroughs ask for a full **biodiversity management plans**
- ★4 Boroughs now require inspection by a independent qualified person
- **★1** Borough requires a 5 year monitoring programme





LONDON, EUROPE AND BEYOND - GREENER CITIES



CELEBRATING 10 YEARS OF LONDON AND POLICIES FROM AROUND EUROPE EFB EUROPEAN EFF EU

GREENER CITIES IN EUROPE

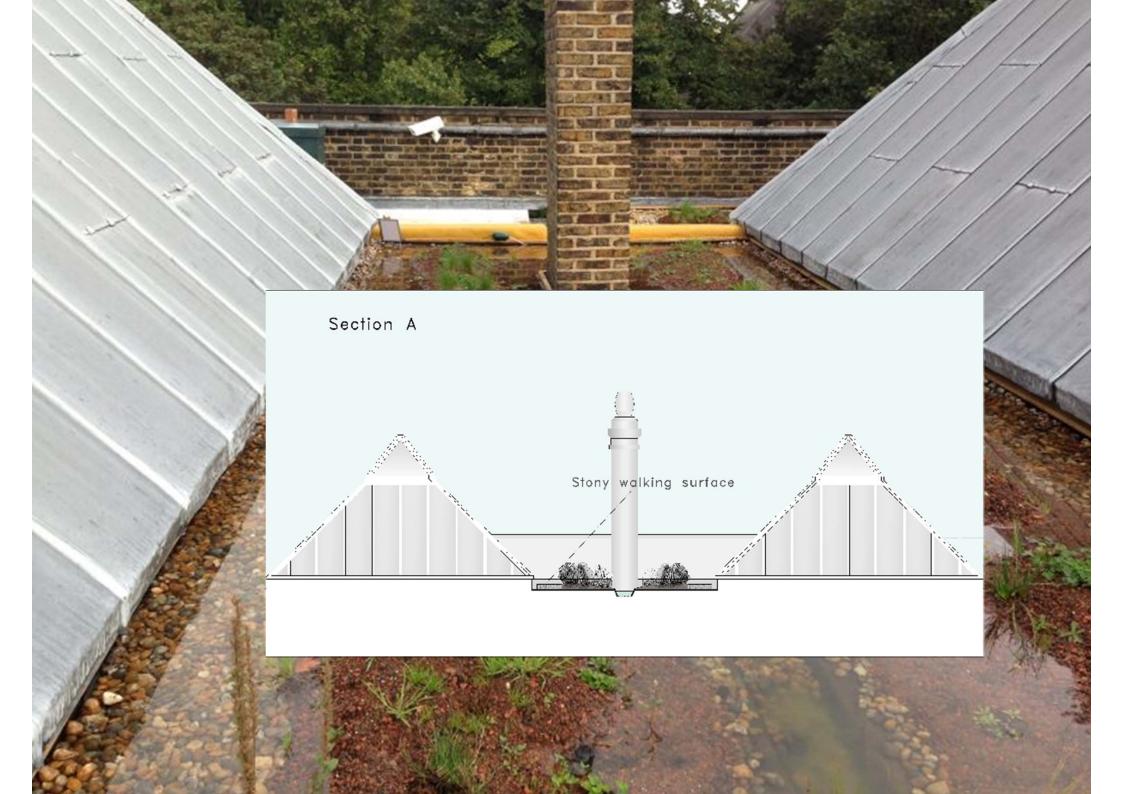
EUROPEAN FEDERATION GREEN ROOFS & WALLS

SUPPORTED BY

MAYOR OF LONDON









Green Roof Shelters Ltd



Cycle Parking



Bin Stores



Community Rooms



"Green Roof Shelters incorporate habitat and biodiversity into everyday structures that we use and see all around us, in a way that is successful, totally functional, and very beautiful. They pioneered the idea, and still lead the field."

Nigel Dunnett Professor of Planting Design & Urban Horticulture, Co-designed the Olympic Park's flower meadows.



Bank of Canada
Basildon Borough Council
Kier Construction
Bron Afon Community Housing
London Borough of Islington
Newington Big Local Partnership
RSPB Mnsmere
London Borough of Tower Hamiless
East End Homes



Mulalley Construction
RSPB Walasea
London Borough of Redbridge
TrustLinks - Growing Together
London Borough of Lambeth
Essex Wildlife Trust
RHS Hampton Court
Chelses Flower Show
Wildfowl & Wetlands Trust

020 7485 7618 info@greenroofshelters.co.uk www.greenroofshelters.co.uk



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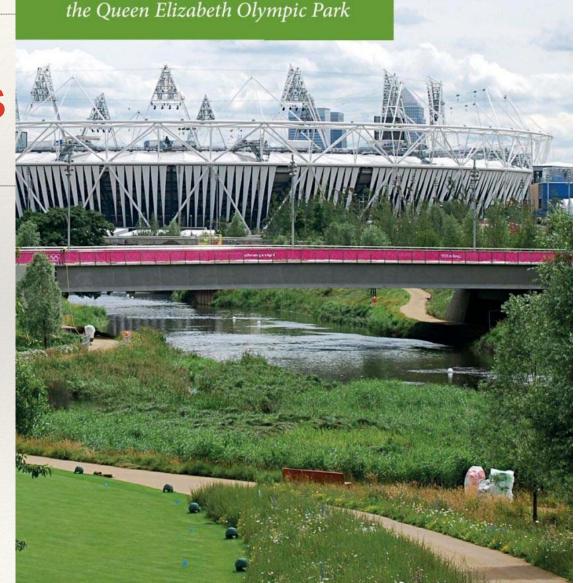
London Wildlife Trust's vision for the Queen Elizabeth Olympic Park

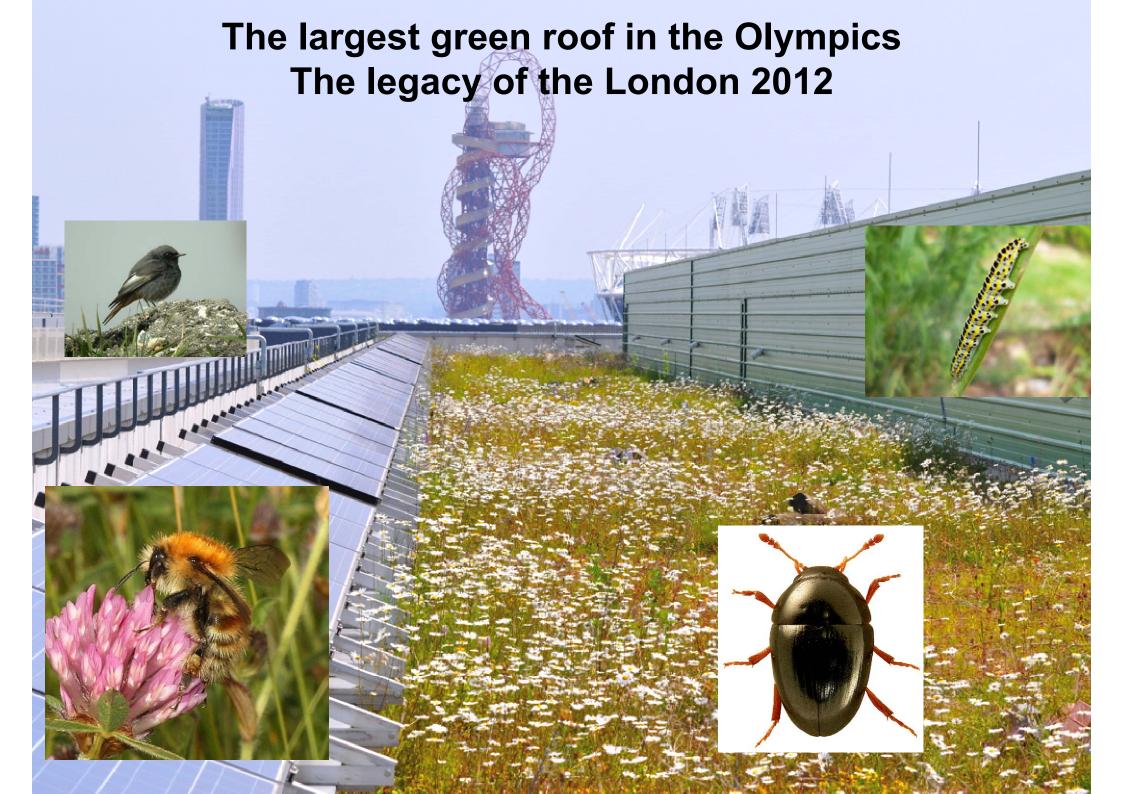
London Olympics

Targets for green roofs

Targets for biodiversity:

Beetle - Olibris flavocornis
Bee - Bombus humilis
Moth - Calophasia lunula
Bird - Phoenicuros ochruros







Paris 2024
Let's make biodiversity a legacy of the games too

Tension - brick and biodiversity





TENSION





Tension - brick and biodiversity



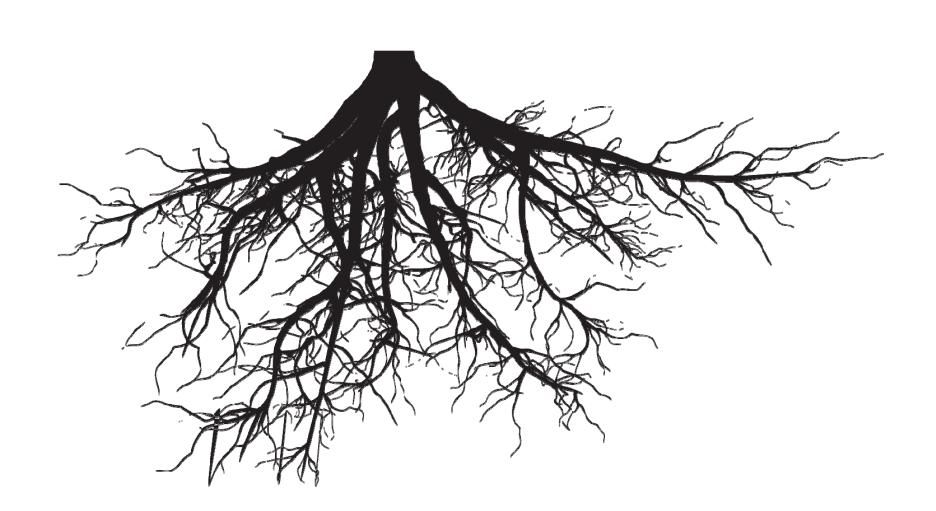






vegetal i.D.®

On a roof we need a diversity of roots

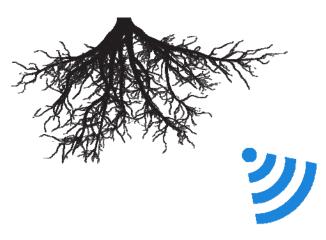




n a roof we need a diversity of microb



Diversity of flora

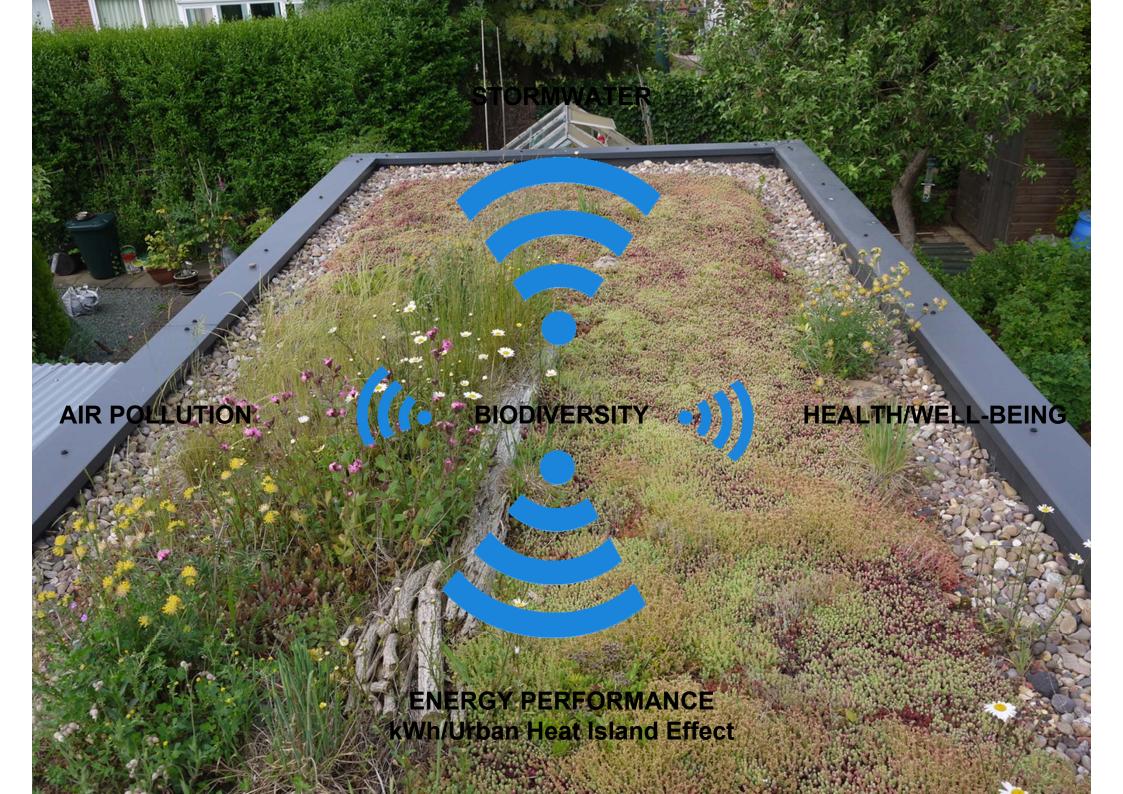




Diversity makes Nature the engineer









Diversity delivers the best green infrastructure

BIO-diversity does it even better.

