

1 in 4

SUFFER FROM POOR MENTAL HEALTH



2.5 - 4.2 DEGREES

expected mean temperature increase in the UK until 2080

± 8-11

ADDITIONAL DEATHS PER DAY in the UK for every degree increase in air temperature during heat waves

pluvial flooding accounts for 15% of flooding in Devon

£81m economic damage of flooding in Devon

3.8 m

properties in England at risk of surface water flooding

10% OF WATER BODIES IN THE UK FAIL THEIR ENVIRONMENTAL OBJECTIVES DUE TO URBAN POLLUTION



514.4 MtCO<sub>2</sub>e emitted in the UK in 2014



estimated annual cost of PM pollution in the UK 43

premature deaths per year due to air pollution in Exeter

£16billion

10+% contribution to death rate



IN THE UK PER YEAR

Air pollution causes premature death of 29,000

30%

lower depression rates in areas with high greenspace levels

in areas with more greenspace

80%

less incidents of VANDALISM



view of a vegetated surface improves ATTENTION

cooling demand can be reduced by

75%

by green roofs

INCREASING GREEN COVER



10% REDUCES AIR TEMPERATURE

3



PRIDE & ENGAGEMENT



A RAINGARDEN CAN INFILTRATE 90% OF ANNUAL RAINFALL

90%

constructed wetlands provide habitat to over 50 invertebrate species

50



Retention ponds REDUCE METALS by up to 80%



PEAK DISCHARGE CONTROL

for storms with over YEAR return period

80%

10

a green roof could save

£5.20/m<sup>2</sup>

in cooling costs per year

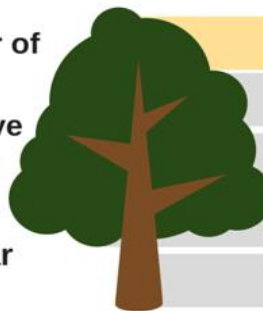
2.4kgC

per square meter per year

can be stored by CONSTRUCTED WETLANDS

a view of wetlands can increase property values by 28%

a square meter of sedum green roof can remove 200g of PM per year



a single tree can reduce air pollution (PM) by

20%