

“We can’t solve problems by using the
same kind of thinking we used when
we created them”

Albert Einstein

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One Planet Living in Action

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BioRegional Development Group – What we do

Leading the way to One Planet Living- practical demonstration, sharing experience.

- Invent and deliver sustainable products, services and production systems.
- Initiate and guide development of sustainable communities.
- Help and inspire others to learn from our experience

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Our approach – how do we do it?

Tried and tested way of meeting our needs within environmental limits

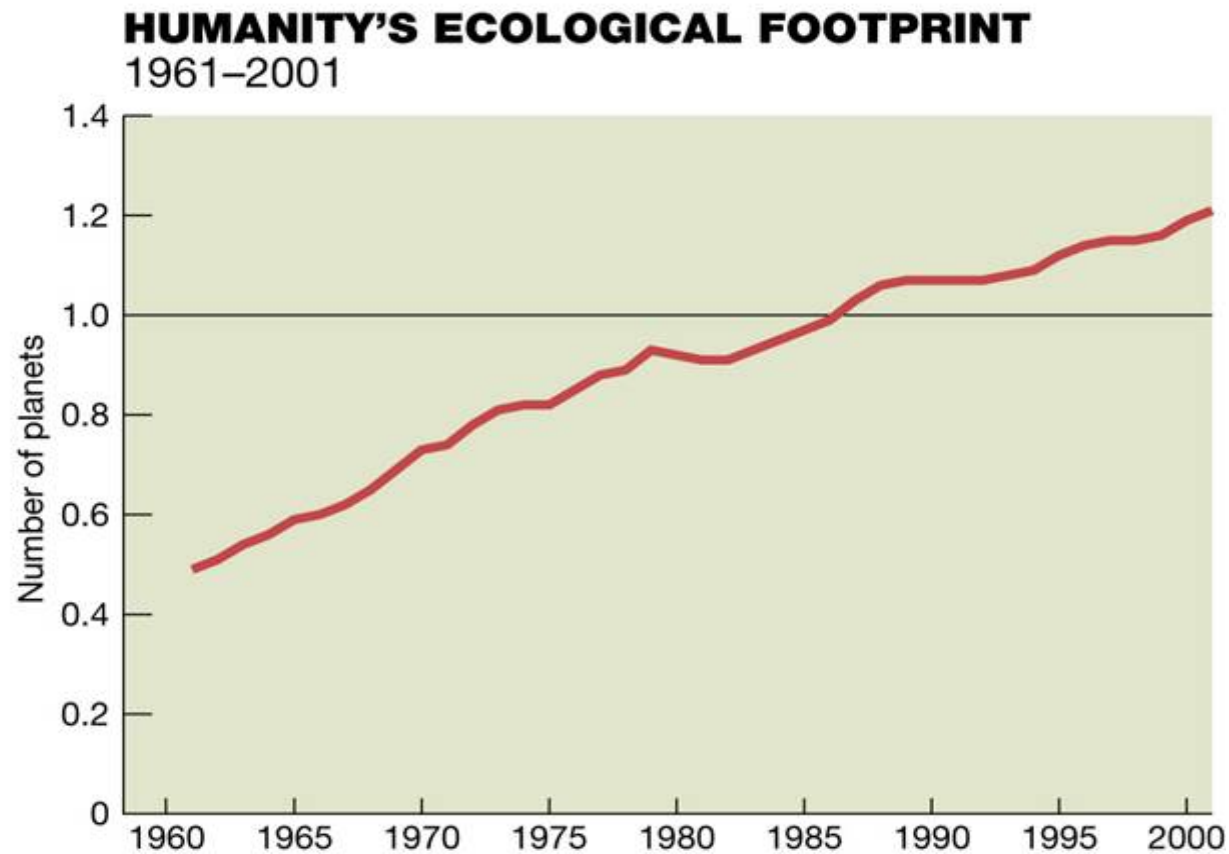
- Measuring impacts
- Devising solutions
- Delivering sustainability
- Inspiring others



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Why do we need One Planet Living?

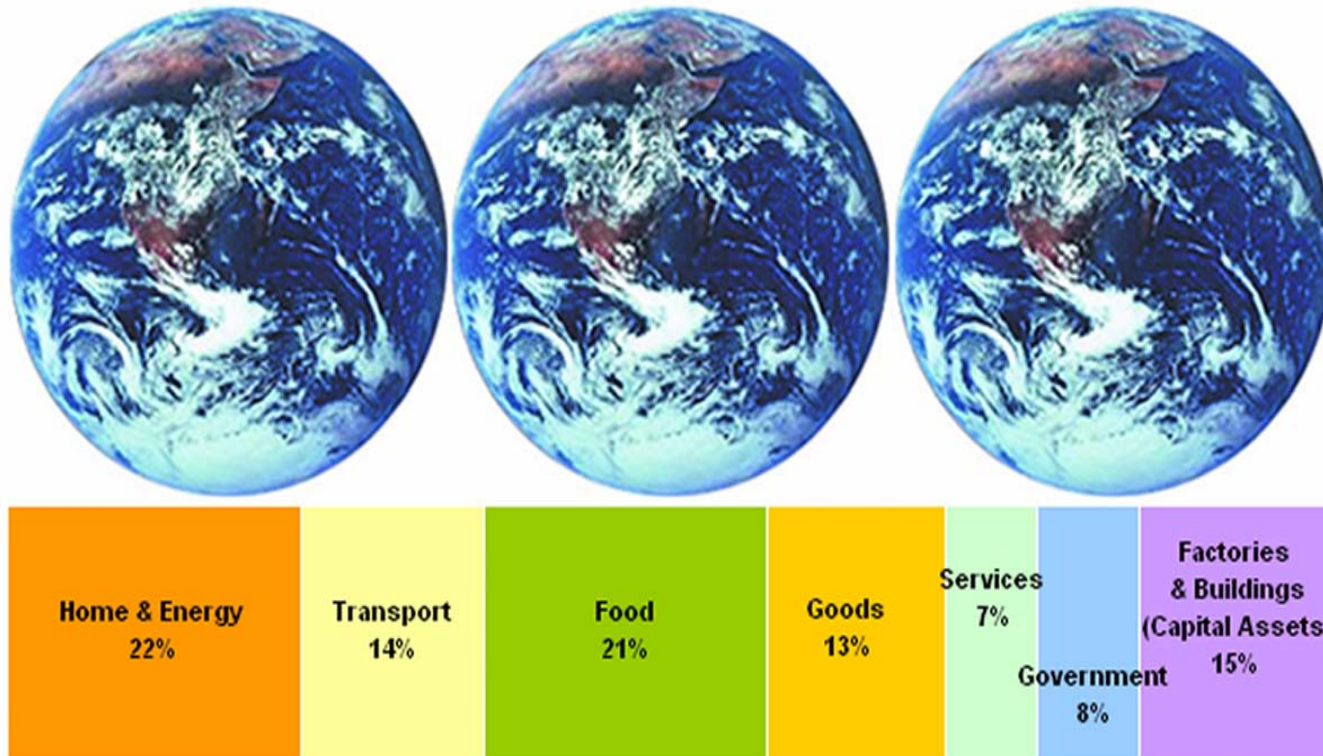


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Source: Living Planet Report WWF, Global Footprinting Network, ZSL.

UK Ecological Footprint – 3 Planet Living



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Implementing One Planet Living

- Ten OPL principles used as a Framework to develop a **Sustainability Action Plan** with targets for each OPL project
- **Common International Targets** based on principle of global contraction & convergence to a sustainable carbon and eco-footprint
- Review progress annually

1	Zero Carbon
2	Zero Waste
3	Sustainable Transport
4	Local and Sustainable Materials
5	Local and Sustainable Food
6	Sustainable Water
7	Natural Habitats and Wildlife
8	Culture and Heritage
9	Equity and Fairtrade
10	Health and Happiness



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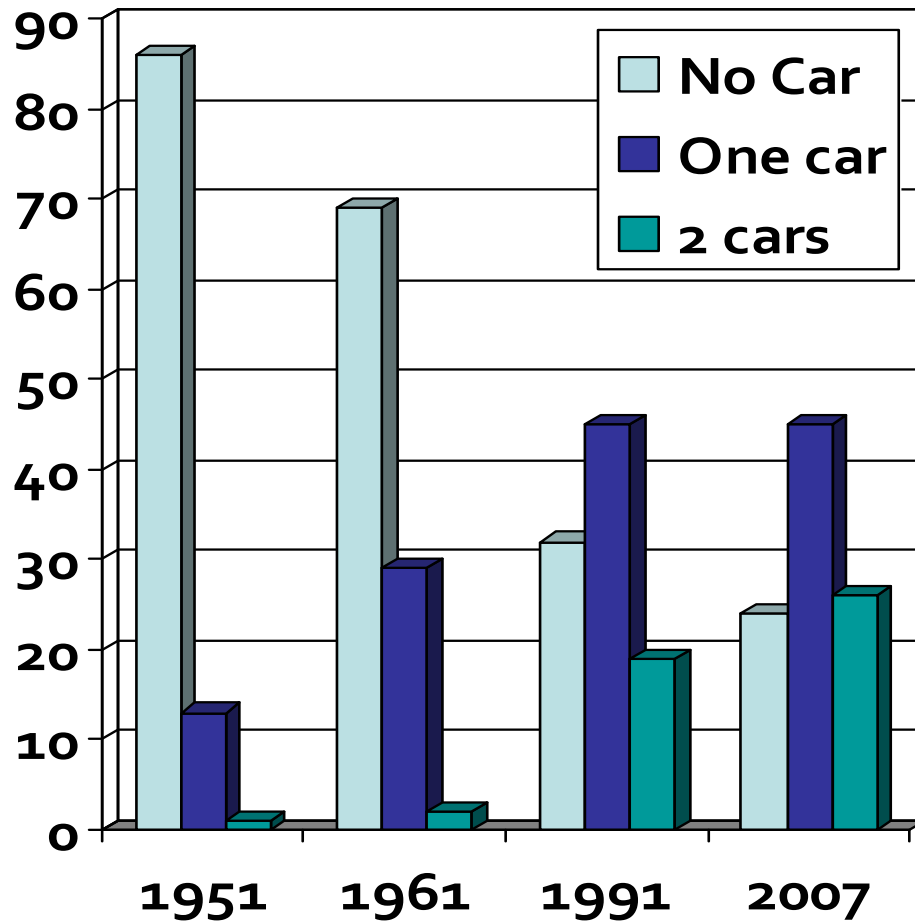
Sustainable transport



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We love cars!



- UK Households with one or more vehicles (DFT– households with regular use of a car 1951-2007)

But why? GDH.....and more

- Physical health – air quality, exercise and road safety-

24% of adults and 15% of 2-15 yr olds are obese

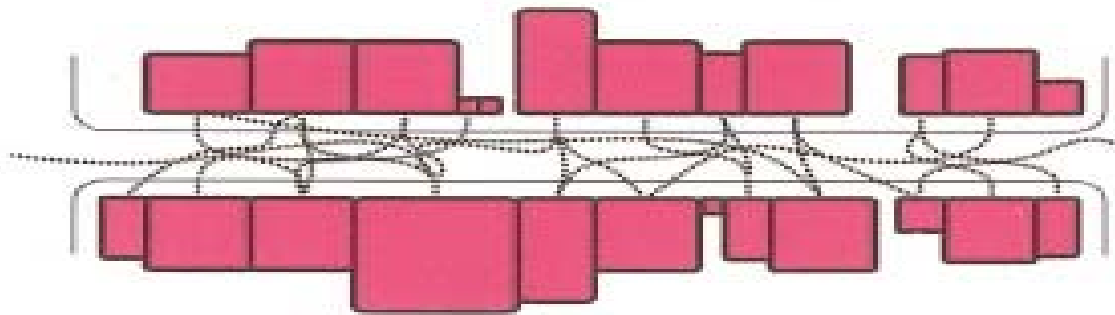
Walking declined by 23% between 1972-2005

Car ownership in UK increased from 31% of households in 1961 to 72% in 1998

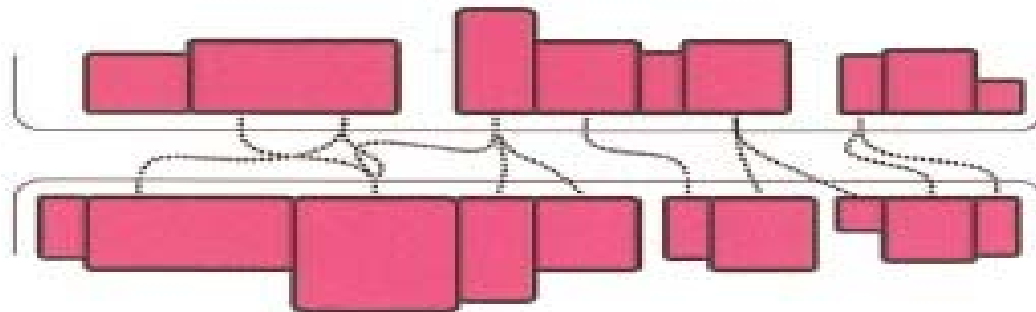
- Psychological health – friends and communities

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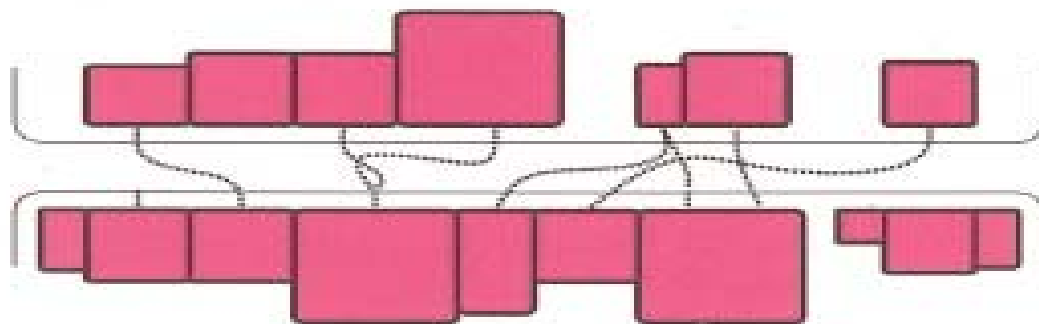
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Light traffic:
 3 friends per person.
 6.3 acquaintances per person.



Moderate traffic:
 1.3 friends per person.
 4.1 acquaintances per person.



Heavy traffic
 0.9 friends per person.
 3 acquaintances per person.

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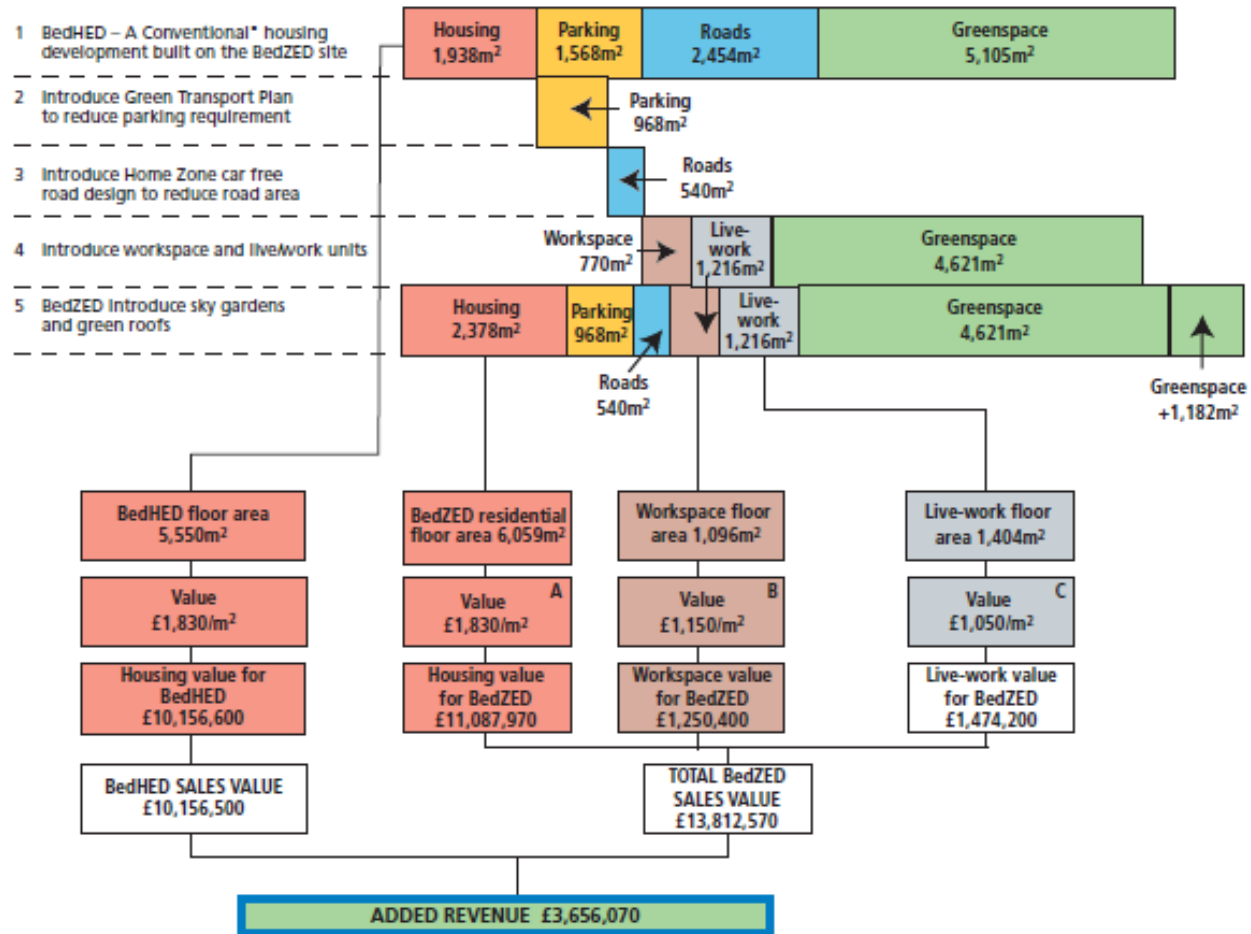
.....and more!

- Environmental health - Cars and lorries – 21% of UK CO₂ emissions +10% on 1990 levels.
- Lower development costs – planning gain.

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Planning Gain



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But how can it be done?



- Reducing the need to travel
- Providing sustainable alternatives to private fossil-fuel based vehicles

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Freiburg, Germany – Short distance living



Car –free planning in Freiburg

- The Club for Car Free Living
- The district of short distances
- The Car Sharing Co.
- Peripheral parking for those with cars
- Play and Bicycle streets
- 20mph speed limits
- Pedestrian priority



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Sonoma Mountain Village – 5 minute living



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Slateford Green – Car free from the start



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Car free living in Brighton



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QUINTAIN
ESTATES AND DEVELOPMENT PLC

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Finding the balance



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Debate

- You are invited to a planning meeting to discuss a proposed 300 home development on the edge of town.
- Some of you wish it to be planned as a low car development and must make the case for this. Some of you oppose this as impractical.
- LET THE DEBATE COMMENCE!