

Bioregional Championing a better way to live

One Planet Integrator Training



1. Introduction



Overview and introductions

By the end of today you should:

- 1. Be familiar with One Planet Living®
- Understand the basics of developing a One Planet Action Plan



Agenda overview

- 1. Introduction to One Planet Oxfordshire and OPL coffee break
- 2. One Planet visioning and workshop process *lunch*
- 3. Action Planning and One Planet Integrator Role tea break
- 4. Communicating OPL and wrap up finish

Your role in the project as a One Planet Integrator

Run the Action Plan workshops for your organisation

 Write an Action Plan for your organisation and/or mentor other stakeholders

Help motivate & keep momentum going



What does Sustainability mean to you?



2. What is One Planet Living® – Introduction

One Planet Living

A vision of the world where everyone, everywhere enjoys happy, healthy lives within the limits of the planet.



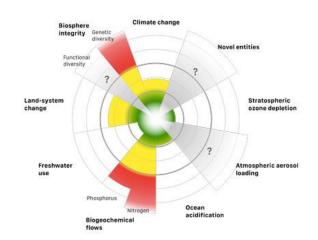
Current context

Global challenges:

- Planetary boundaries
- Migration and poverty
- Financial instability

Global responses:

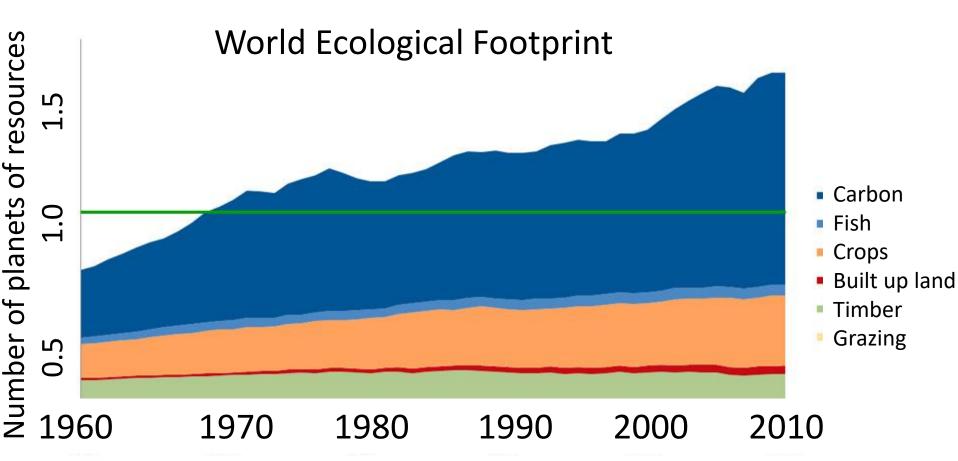
- Paris Accord
- Sustainable development goals
- Financial Stability Board and Carbon Disclosure Project





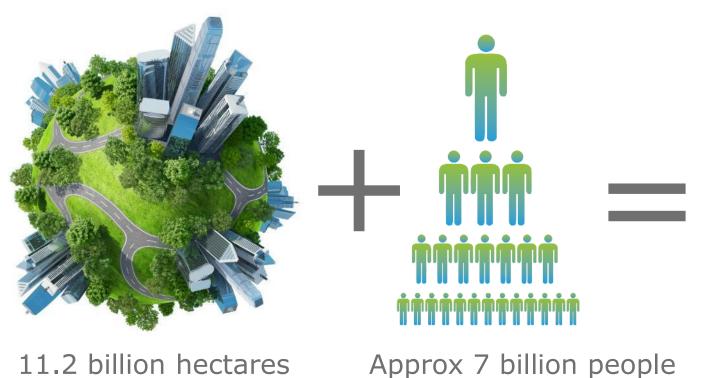


Scale of the challenge





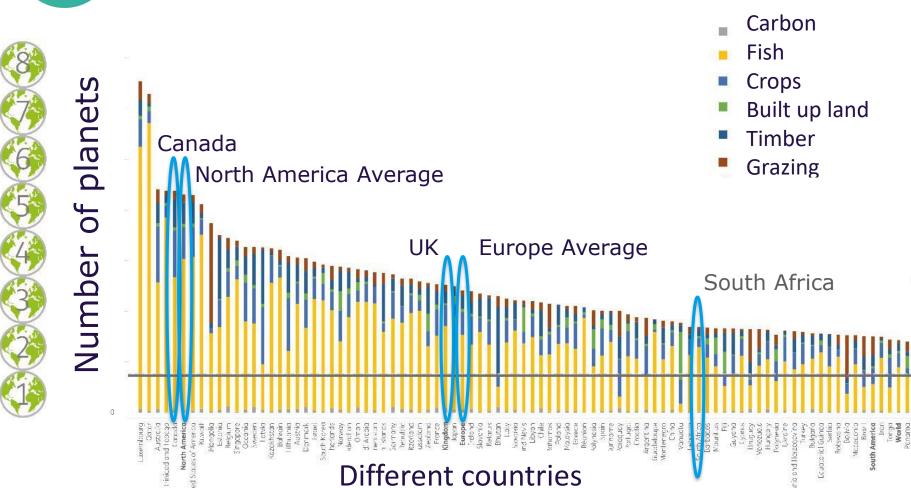
Our ecological budget



1.6 global hectares per person



Looking at the big picture

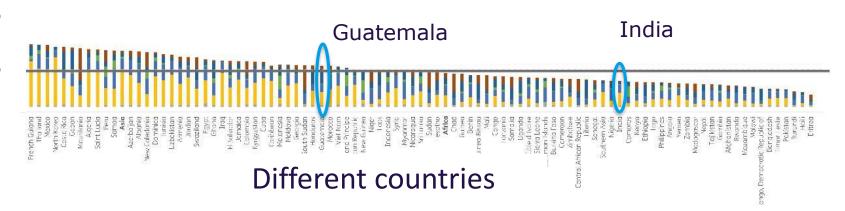




Jumper of planets

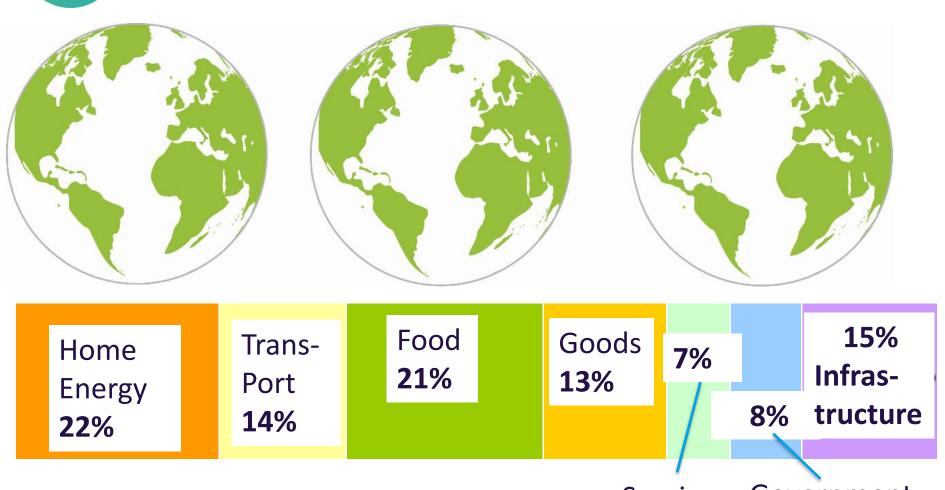
...lower consuming countries

- Carbon
- Fish
- Crops
- Built up land
- TimberGrazing





Example of a lifestyle

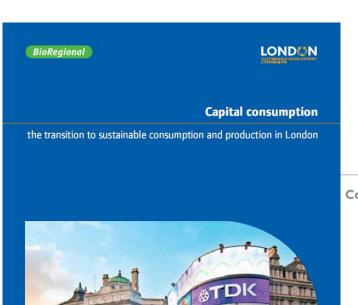


Services Government



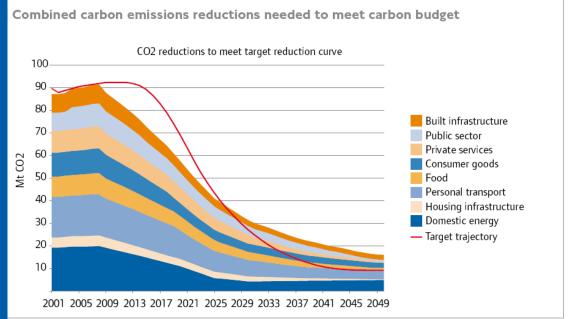


Modelling One Planet Living



64 measures for a 90% reduction in Londoners consumption based carbon emissions.

Led to PAS 2070 for cities



November 2009

BedZED





BedZED eco-village

Designing in sustainability at the start

- zero carbon energy strategy
- Mixed income
- sustainable building materials
- green transport plan
- water strategy
- composting and recycling
- Local food initiatives
- Work and community space







Make it easy to do the right thing...





...difficult to do the wrong thing



27%



61%



£1,400

Less electricity use Less gas use Less water use Less travel carbon Saved in bills per year







OPL Framework

- Health and happiness
- Equity and local economy
- Culture and community
- **SIP** Land and nature
- Sustainable water
- Local and sustainable food
- 🚲 Travel and transport
- Materials and products
- Zero waste
- Zero carbon energy

- Natural resource limits & equity
- Ten principles
- Goals and Guidance
- Systems thinking
- Leadership & management





One Planet Principles

Maximise human meaning

Leave space for wildlife

Increase resource efficiency

Tackle Climate change Health and happiness

Equity and local economy

😕 Culture and community

18 Land and nature

Sustainable water

Local and sustainable food

Travel and transport

Materials and products

Zero waste

Zero carbon energy

Strengthen local economy

Link health and impact on nature

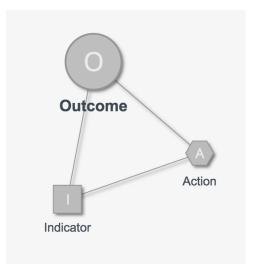
Tackle global health epidemics



About the OPL Framework

Philosophy:

- Inspiring change through a hearts and minds approach
- Goals and Guidance not prescriptive standards
- Making it easy to do the right thing
- Focus on outcomes and actual performance
- Complementing other frameworks and certification systems
- Links Outcomes, Indicators and Actions





Relationship to other systems



Eg OPL Principles are an effective tool for meeting SDGs



North West Bicester, UK A2 Dominion





One Planet Middlesbrough, UK Middlesbrough Council



London Borough of Sutton



Brighton & Hove Council







One Brighton, UK Crest Nicholson Bioregional Quintain







Asani



Sonoma Mountain Village, USA Codding Enterprises



Mexico



Mata de Sesimbra Portugal Pelicano





One Planet Sutton, UK



One Planet Brighton & Hove, UK



BedZED, UK Peabody / Bioregional



London 2012 Olympic and Paralympic Games,





Grow Community Bainbridge Island, USA







Singita Serengeti Reserves, Tanzania Singita



Ivory Park / Sibaya, South Africa Johannesburg EcoCity Trust / Tongaat Hulett Developments



AFRICA

Masdar City, Abu Dhabi Mubadala



WestWyck, Australia The CDM Building Group



Bangaroo, Australia Lend Lease

AUSTRALIA







 Hollerich Village, Luxembourg Schuler Group



Jinshan, Guangzhou, China

China Merchants Property Development



Partners shown here without the symbol have applied the One Planet Living principles during their development



Elmsbrook at NW Bicester (Oxford, UK):

6,000 new homes. First phase; 393 homes with work space, community facilities and abundant green space. Town-wide initiative

Pioneering:

UK's first ecotown and largest 'true zero carbon' development

Sustainable transport:

Brompton bike loan scheme, community bus service and an electric car club

Eco-education:

The local Primary
School Gagle Brook is
creating its own One
Planet Action Plan



Gagle Brook Primary School, NW Bicester (Elmsbrook) One Planet Schools

Zero Carbon School:

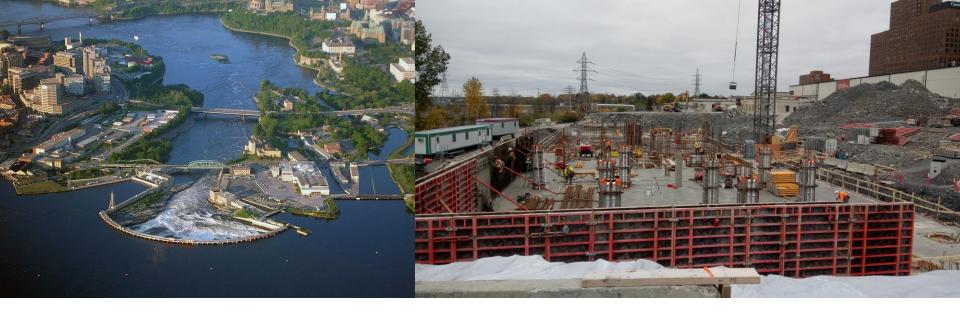
Zero Carbon
High levels of
daylight
Good indoor air
quality

Integrating OP into curriculum

Embedded in curriculum and how the school is marketed

Influencing supply chains

Used to influence decisions within the schools supply chain – from food to stationery



Zibi - Regeneration of brown field in heart of Ottawa

2,500 homes, shops and office space First occupants late 2018

Zero Carbon - using waste heat from a nearby paper mill

Local economy - commercial space allocated to local businesses

New model for collaboration with First Nations
Radically increasing

biodiversity and renovating heritage buildings



Villages Nature® Paris (Paris, France) – Leisure development

Creating a different kind of holiday by immersing one million visitors a year in nature while minimising its impact on the environment

Project Design:

Embed One Planet Living into concept from Day 1

Construction:

Green Construction Charter and monitoring

Operations:

One Planet Integrator – staff training, monitor, guest activities

Leisure - Villages Nature





- Pierre et Vacances and EuroDisney
- 97% of construction waste diverted from landfill:



Europe's largest swimming complex



- 100% heat from geothermal energy
- 28,000 new trees and 430,000 shrubs and plants



Companies - B&Q



Materials and products UK



"One Planet Home has been the umbrella for a range of exciting projects – including our move to 100% responsibly sourced timber and 37% of sales from products with sustainable credentials."

Rachel Bradley Head of One Planet Home, B&Q







B&Q -helping customers

Products that can reduce an individual's eco-footprint

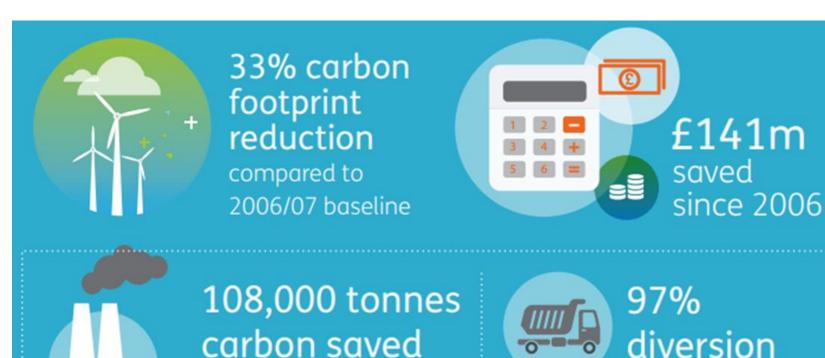
- Energy efficiency
- Renewables
- Water efficiency
- Grow your own
- Lower impact goods

Potential to reduce customer's eco-footprint by 10%





Some results



since 2006/07 (9,000 tonnes

in past year)

diversion

from landfill compared to 2006/2007 baseline



Home - 5X4 project Melbourne



- Tiny home 5m x 4 m footprint between house and garage
- Zero Carbon PV generating 3,000 kWh/year
- Sustainable Water rainwater for irrigation & flushing
- Sustainable Food 11m²
 growing space: Ralph is
 growing chilies, herbs and
 strawberries



Cities and regions



ONE PLANET CITY





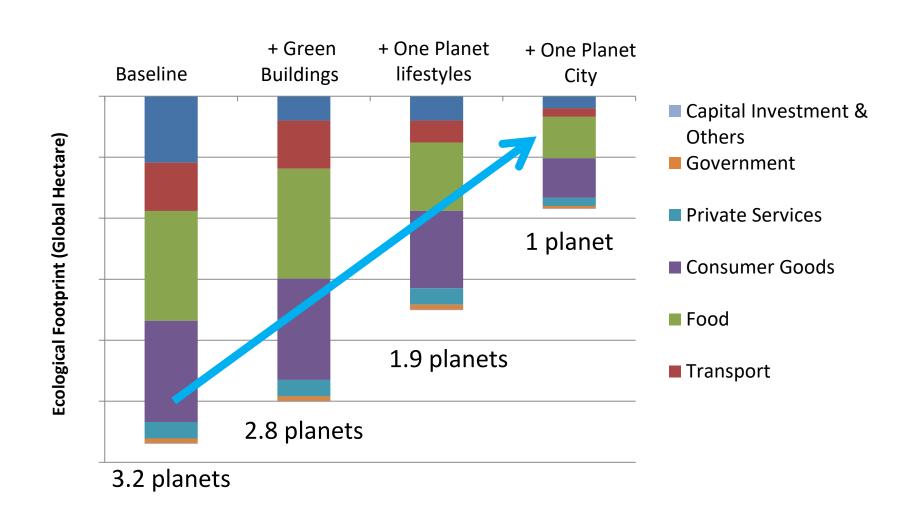




Aim:

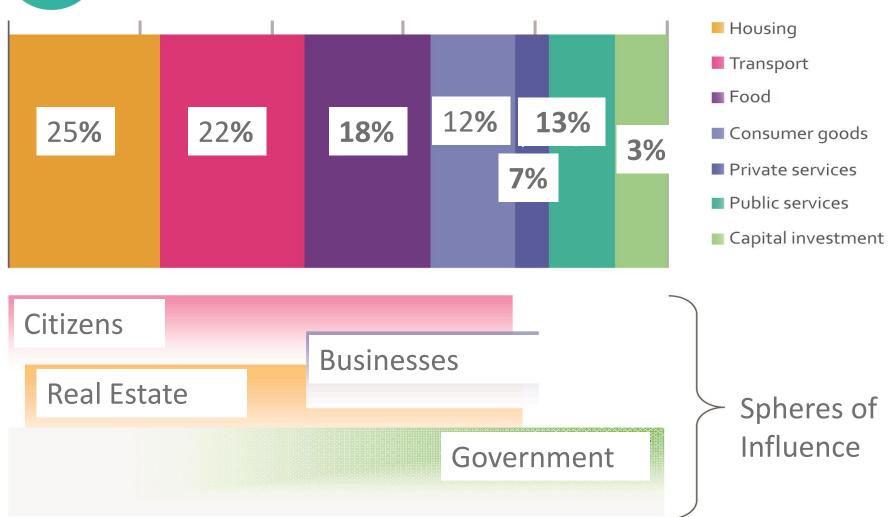
'to maintain this top seaside resort as a thriving and attractive city while spreading opportunities to all of its citizens to live and work within a fair share of the earth's resources'

Linking systems





Importance of 'systems change'





What's it based on?

OPL is:

- based on transparency (i.e. you need to publish an Action Plan)
- offers a system of review and leadership recognition

OPL is not:

a certification system based on prescriptive standards

3. One Planet Living® Principles



One Planet Living ® Principles

Choose a One Planet Living Principle:

- Why is it important to you?
- Why is it important to your organisation?
- Why is it important to your city/region?

All 10 Principles

How do they work as a group?





Culture and community

18 Land and nature

Sustainable water

Local and sustainable food

🚲 Travel and transport

Materials and products

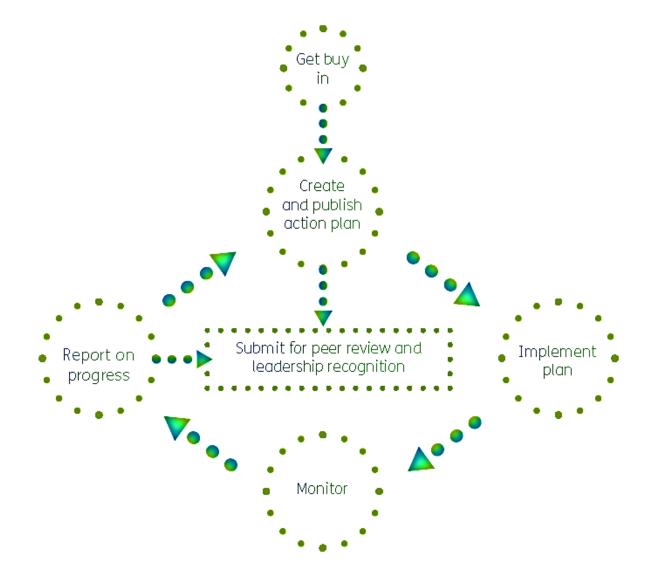
Zero waste

Zero carbon energy

4. One Planet Living® Journey



One Planet Living® process





Resources

Creating your One Planet Action Plan

- Goals and Guidance
- Workshop plan and resources
- Templates Action Plans, context analysis
- OP.Digital online platform

Implementing the Action Plan

Induction and engagement support

Managing your One Planet Action Plan

Monitoring template

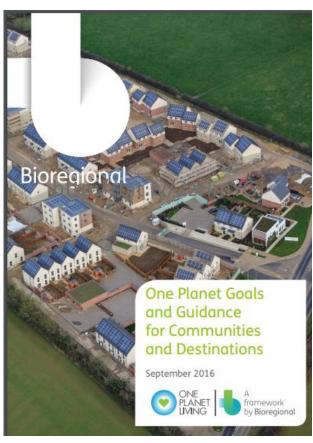
Annual reviews

Reporting



One Planet Goals and Guidance

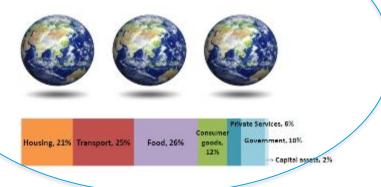






One Planet Living- process

1. Gather information



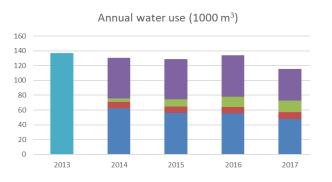
3. Write and publish Action Plan



2. Workshop



4. Implement & monitor





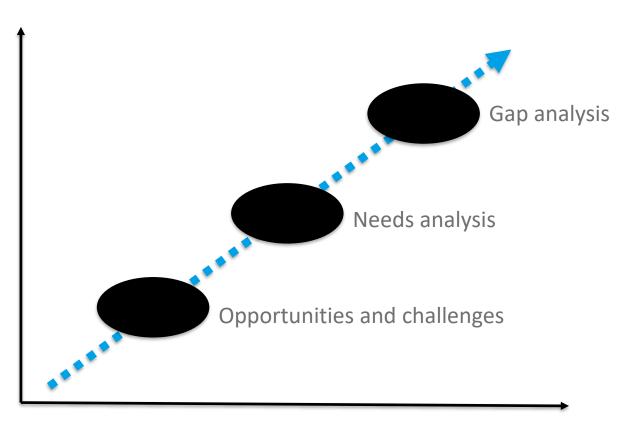
Context Analysis

- Some key things you are doing already
- Frameworks you are using
- How you feel about what you are doing?
- Positive impacts
- Negative impacts
- Future Trends
- Opportunities
- Challenges



Types of context analysis

Level of concept design



Amount of information

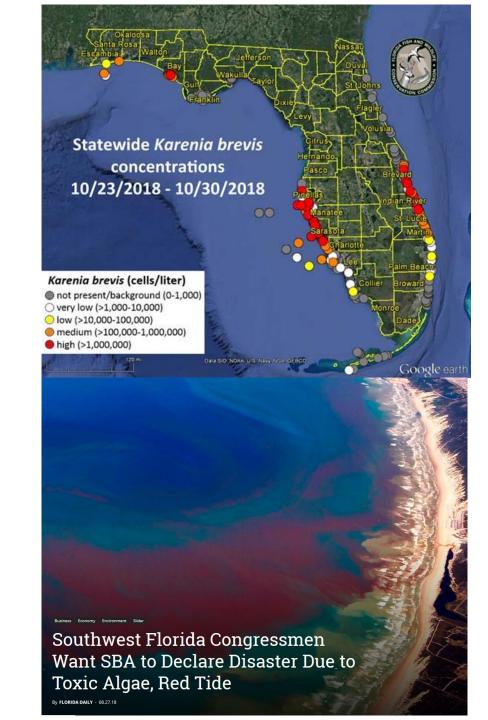
Florida context

- Red tide
- Storms and sea level rise
- Drinking water
- Living wage
- Invasive species
- Food feedlots, aqua-culture
- Transport congestion blamed on tourism



Red Tide

- Natural phenomenon
- Exacerbated by:
 - Climate change
 - Nitrogen loading (pollution)



Food

- Nearly one-half of all Florida Agricultural land is involved in cattle production.
- The largest single brood cow herd in the US is located in Florida
- Florida is home to five of the top ten largest Cow/Calf operations in the US (2009).
- Florida was ranked 10th in the nation in number of beef cows in 2011.
- Predominantly to raise calves that are then transported to mid-west feedlots
- Much of "Natural Florida" remains in the working landscape of Florida's cattle industry.

•



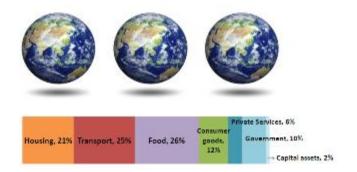
Context analysis – exercise

- Think about what the key opportunities and challenges are for destination?
- Begin to relate these to the One Planet principles
- 15 mins

5.1 Running a One Planet Workshop

One Planet Living- process

1. Gather information



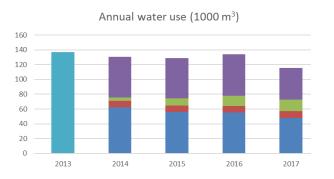
3. Write and publish Action Plan



2. Workshop



4. Implement & monitor





Running a One Planet workshop

- 1) What makes a successful workshop?
- 2) What do you need to avoid?
- 3) How do you adapt to context?





Running a One Planet workshop

- 1) What makes a successful workshop?
 - The right location with the right number of delegates
 - Lots of Interaction Role Play (often we contribute more when we aren't ourselves!
 - Clear tasks, aims and objectives of the day
 - Control of the agenda and timings
 - Coherent and logical agenda
 - Good mix between exercises and tasks

–



Running a One Planet workshop

2) What do you need to avoid?

- Lack of follow up and not demonstrating value of attending
- Lack of visuals
- Too much information
- Death by PowerPoint!
- Poor refreshments
- Too many dominating voices
- Jargon!
- Assuming too much and that attendees know the context of why they are there

A One Planet workshop example

Primary School

- Split into two shorter workshops
 - Introduction, analysis visioning
 - Outcomes and actions brainstorm
- Led by the head teacher
- Ensured mix of attendees (teacher, central staff, parents, governors)
- School location
- Preparation beforehand to create proposed outcomes

5.2 Visioning exercise



Envisioning the future – create your Personas

- Envision a future where people are leading a happy and healthy life within the limits of One Planet – these are your personas
- Write a short 'One Planet Day in the life' of your persona
- Extract a list of things your persona needs to lead a happy, healthy One Planet life



Envisioning the future... 5 personas

- 1. Late career professional
- 2. Stay at home parent
- 3. Young Professional
- 4. Retiree / downsizer
- 5. Primary School Teacher



'Day in the life...'

- Adopt the persona of the resident or user of our imaginary new development
- Spend 15 minutes imagining how he/she will spend their ideal day in the development.
- Begin to write down and describe their day and how they interact with the different 'zones' of the development
- Tip: Go into a bit of detail e.g. 'not just 'I had breakfast' but where did you have breakfast? What did you eat? Who with? How did you feel whilst eating it?



Relating it back to OPL

Go back over your day and use the principle primer to match each activity to one or more of the OPL principles.

For example: If David uses the workshop space to help fix his friend's bike, you might tick Sustainable Transport and Culture & Community



Linkages, synergy and marketplace

1) Think of **2 offers** your persona can make either to another persona or the wider destination

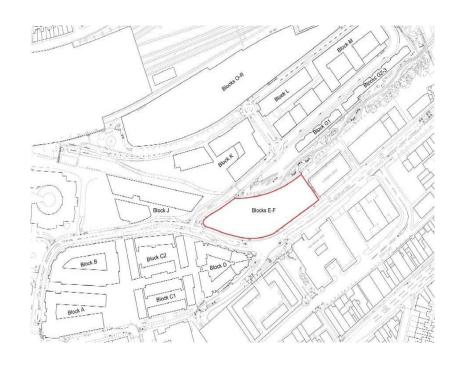
2) Think of **1 request** your persona can make of another persona or the wider destination



In practice: One Brighton

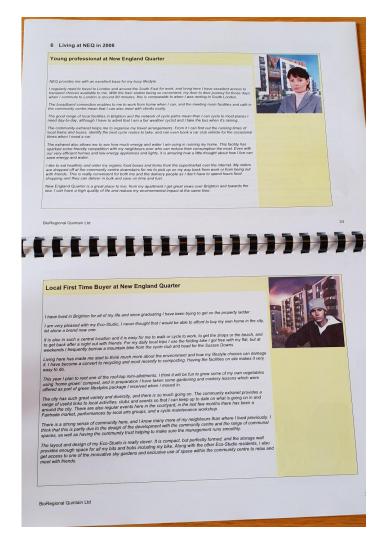
Background:

- Adjacent to railway
- Permission for 85 homes and underground car parking for 85 cars
- Mediocre sustainability requirements





Envisioned lifestyles



Our target 'market':

- Young professional

- Local first time buyer

- Semi-retired couple

Designed for 21st century lifestyle







- Used all 10 OPL principles
- Zero carbon and no private car parking
- Lifestyle features such as rooftop allotments



OPL construction







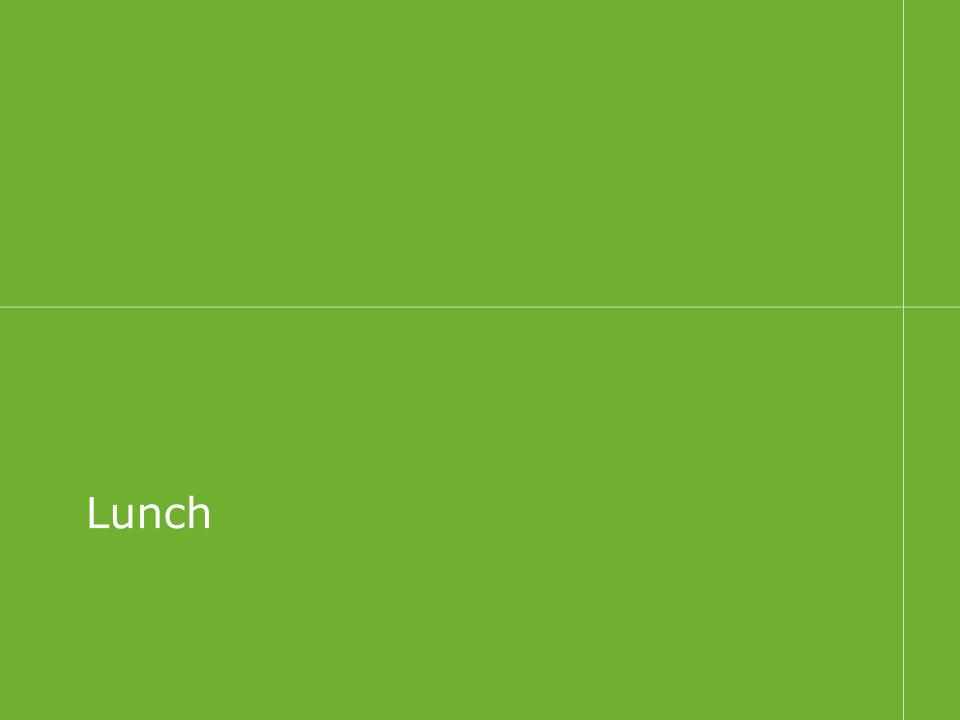
- Used all 10 OPL principles
- 60% waste cooking oil for generators
- All staff inducted in OPL, One Planet spec for canteen
- 50% cement replacement and low temperature fired clay block to reduce embodied carbon



Design for health can deliver health



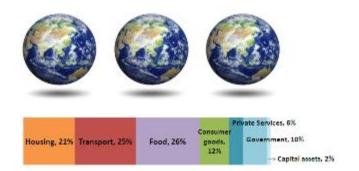
'My husband and I moved into One Brighton, sold our cars and adopted a healthier lifestyle. In 18 months we lost 35kg (80lbs) between us.'



6.1 Getting started in action planning

One Planet Living- process

1. Gather information



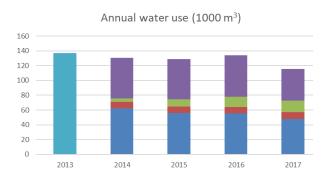
3. Write and publish Action Plan



2. Workshop



4. Implement & monitor





Action Planning

- Outcomes
 - Similar to a goals, where you want to be or achieve
- Actions what, who, when?
 - A way of achieving the outcome/goal
- Indicators (and targets)
 - How will we measure the action or outcome



Action Planning exercise

 In groups sort the mixture of statements into Outcomes, Actions and Indicators

10 minutes

Action Planning exercise

What did you think? Was it difficult?

Outcomes (2, 4, 7, 11, 13)

Actions (3, 5, 8, 10, 15)

<u>Indicators</u> (1, 6, 9, 12, 14)

Action Planning

- Individually, begin to think of outcomes for your own company/organisation/school or development
- Link them where you can to the One Planet principles
- Use the goals and guidance to assist and provide inspiration
- Then begin to explore actions and indicators that can help achieve these outcomes



Linkages and Synergies

One Planet market place

- Turn to person on your left and briefly explain your project
- Are there any linkages between your emerging action plans – e.g. what can you offer them and what can they offer you.
- If nothing find someone else

Aim to make 2 offers and secure 2 requests

6.2 Adding detail to the Action Plan



Blue communities



Adding detail to the Action Plan

Guidance available

- Goals
 - Fixed
 - What we need for sustainability
- Categories
 - These represent a checklist to help you create a comprehensive response to each Principle as you develop your Action Plan.



Adding detail to the Action Plan

Actions need additional information – Who, by when, Impact

Review your ecosystem – who are your key partners?

Managing the plan – who, budget, time allocation

Overarching vision – what will you achieve



Adding detail to the Action Plan

Take a 2-3 (or more) of actions from your Action Plan (15 minutes):

- Identify by who and by when the action will be delivered
- What might be critical success factors? E.g. do you need a permit or to get a local community group to support your plan
- Crosscheck Identify any impacts on other principles, particularly any negative ones

Review relevant desired outcomes – are these actions sufficient to deliver them (5 minutes)



Credo High School, Sonoma County, California Waldorf inspired school Integrated sustainability into all aspect of campus

Curriculum and values:

Covers environment, economic, social and personal well-being. Lessons include agriculture and mindfulness

Campus operations:

Located in One Planet
Community
ensures 100%
renewable energy,
recycling and water
efficiency in place

Community:

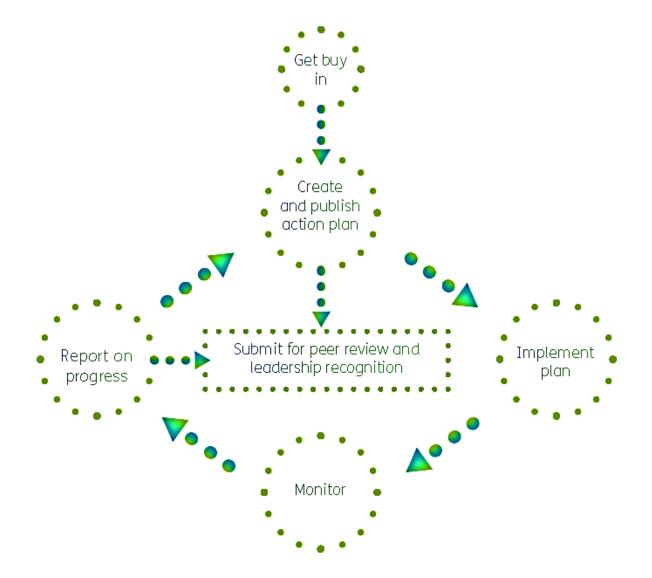
Encourage students to 'take sustainability home'.

Projects to improve sustainability with wider community

7. Monitoring



One Planet Living® process





Monitoring

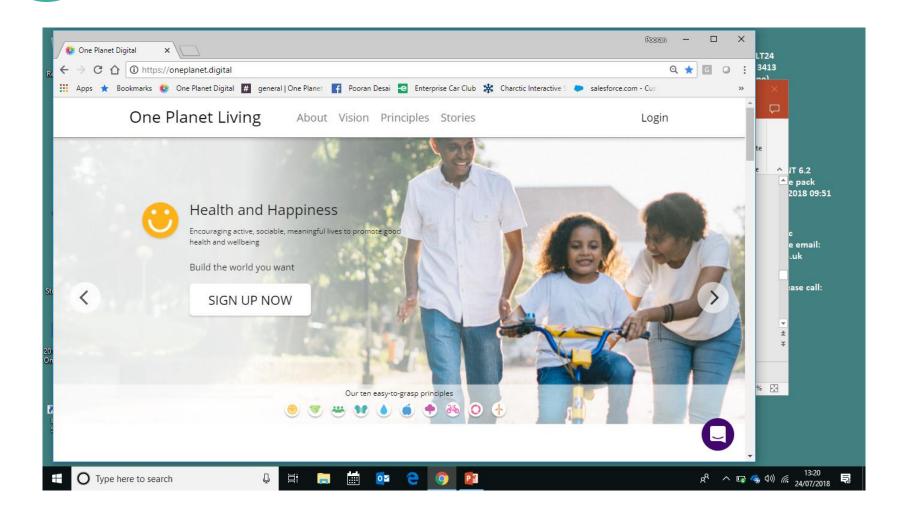
Key to tracking progress and performance.

Can take many forms; quantitative qualitative, descriptive.

Reporting is required to maintain leadership recognition

'Just because you cant measure it doesn't mean it isn't important' (One Planet Living)

oneplanet.com





Future functionality

- Publish
- Share
- Connect

OnePlanet.life About Examples Vision



One Planet Living

Imagine a world where people everywhere can lead happy and healthy lives within the environmental limits of our one planet. This is One Planet Living and our mission is work with you to make it a reality.

Be inspired

People, companies, schools and cities all around the world are adopting One Planet Living principles.



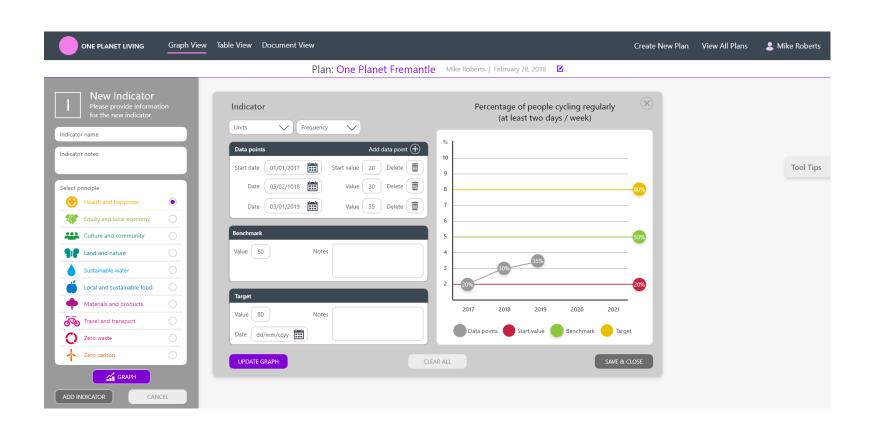


Join our leaders in...





Future functionality - Monitor



Have a go

www.oneplanet.com



Singita Serengeti – funding conservation through tourism Manages more than 140,000 Ha of iconic ecosystem Produced five reports on progress

Land and nature:

- 150 trained local game scouts
- 10-fold increase in some species e.g. elephant, lion
- Global

Culture and community:

- 800 Tanzanian staff
- \$300K pa of food procured from local community
- Eco-centre for school visits



Singita – pilot replicated in all Singita's southern African Lodges
Change in the mission of the company from luxury tourism to
conservation

Zero carbon

65kWp of solar energy installed New projects all zero carbon

Zero waste:

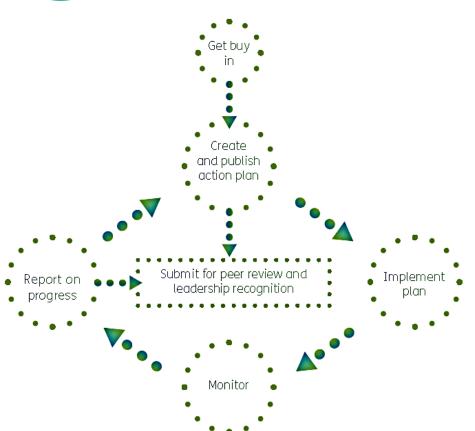
90% reduction in plastic waste since 2012
All materials recycled with local community enterprises.

Other:

20% water saving 15% vehicle fuel use reduction in key departments 15% fewer flights Tea break

8. One Planet Integrator – role and skills





Getting buy-in

Persuasion – 'selling'

Action Planning

- Facilitate
- Technical input

Implementation

- Persuade and engage
- Community building

Evaluate

- Interpret
- Act



1. Getting buy-in

- Empathy
- Active listening
- Enthusiasm
- Clarity about what you are saying
- Be able to understand 'their' motivations
- Speak 'their' language
- Be the right person or be able to find the right person!
- Knowledgeable
- Know your audience
- Investigative and targeted
- Reflective
- •



2. Creating an Action Plan

- Clear-headed
- Creative
- Analytical
- Problem-solving
- Focused
- Collaborative
- Listener
- Inclusive
- Strategic
- Logical
- Be able to prioritise
- Understand the background/context
- Smart
- •



3. Implement (making the plan happen!)

- Organised
- Specific
- Delegation
- Responsibility
- Mindful and sensitive to others
- Practical
- 'Complete Finisher'
- Pragmatic and realistic
- Flexibility
- Reflective
- Adaptability and agile
- Prioritise
- •



4. Monitor and report

- Analytical and focused
- Data collection ensure you have permissions
- Be able to 'tell a story'
- Unbiased and objective, even if the data doesn't tell you what you want to hear
- Be able to evaluate 'what does it mean'
- Learn and reflect on the results
- •

One Planet Integrator

One Planet Integrators who complete the training and assessment are then listed on OnePlanet.com

Process: day two of the training, develop an Action Plan, written responses and interview

Create a profile for your listing:

- Your personal commitment to sustainability,
- One Planet Living and Sustainability experience
- Key professional skills



Implementation tools

- PM4SD
- CULTURAL LEADERSHIP



One Planet Olympics



Towards a one planet 2012





Strategy:

OPL story used as sustainability strategy for bid

Construction:

Part of team for media centre.
Role in monitoring

Athlete engagement:

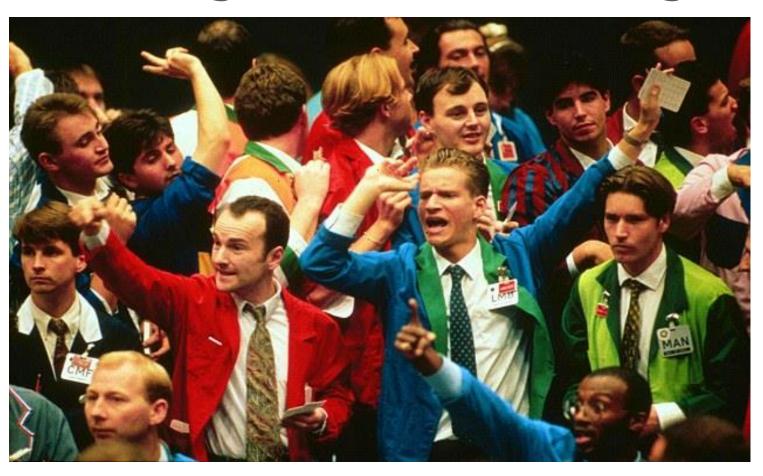
OPL Pavilion within Athletes' Village

Legacy:

OPL informed development of whole area 'Greenest Games ever' accolade

9. Communicating One Planet Living

Communicating and 'selling' One Planet Living





Perfecting your elevator pitch

- 1. Who is the audience?
- 2. What is the problem 'you know how....'
- 3. What is the solution 'We've found a way of...'
- 4. Explain the solution 'We use One Planet Living because...'





City of Fremantle 30,000+ residents

Action Plan for the community and their corporate operations

One Planet City:

Reducing impact of council operations
Planning solar farm

Demonstration:

E.g. two One Planet Community housing developments

Community engagement:

Ensuring local people join the journey.

10. Getting started and what next...



One Planet Living:

- Inspiring change through a hearts and minds approach
- Making it easy to do the right thing
- Goals and Guidance not prescriptive standards
- Focus on lifestyles and actual performance
- Complementing other frameworks and certification systems



Summary

By now you should:

- 1. Be familiar with the One Planet Living
- 2. Understand how to develop a One Planet Action Plan
- 3. Be ready to undertake the second part of the training

How do you feel? Questions?



Keeping in touch



- One Planet Living social media groups:
 - <u>Linkedin</u> and <u>Facebook</u>
 - > set up your own local group just for you
- Meet up together dinner, drinks, coffee
- Attend our project webinars
- One Planet Living <u>newsletter</u> you could feature!

Nice image of zebra and giraffe ©



Thank you