‘Our own happiness is short-lived if we achieve wellbeing for our generation at the environmental expense of future generations.’
MILLIONS OF YEARS AGO

<table>
<thead>
<tr>
<th>Hadean</th>
<th>Archean</th>
<th>Proterozoic</th>
<th>Phanerozoic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Phase A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Phase B</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Phase C</td>
</tr>
</tbody>
</table>

A: Palaeozoic
- Cambrian
- Ordovician
- Silurian
- Devonian
- Carboniferous
- Permian

B: Mesozoic
- Triassic
- Jurassic
- Cretaceous

C: Cenozoic
- D: Palaeogene
  - Palaeocene
  - Eocene
  - Oligocene
- E: Neogene
  - Miocene
  - Pliocene

YOU ARE HERE
- Quaternary
- Pleistocene
- Holocene
Overstepping Ourselves

As our Ecological Footprint continues to exceed Earth’s biocapacity, we overdraw from our future.

1961
74% of biocapacity

1985
114% of biocapacity

2012
156% of biocapacity

How many Earths do we need if the world’s population lived like...

<table>
<thead>
<tr>
<th>Country</th>
<th>Earths Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.A.</td>
<td>5.0</td>
</tr>
<tr>
<td>Australia</td>
<td>4.1</td>
</tr>
<tr>
<td>South Korea</td>
<td>3.5</td>
</tr>
<tr>
<td>Russia</td>
<td>3.3</td>
</tr>
<tr>
<td>Germany</td>
<td>3.0</td>
</tr>
<tr>
<td>Switzerland</td>
<td>2.9</td>
</tr>
<tr>
<td>U.K.</td>
<td>2.9</td>
</tr>
<tr>
<td>France</td>
<td>2.8</td>
</tr>
<tr>
<td>Japan</td>
<td>2.8</td>
</tr>
<tr>
<td>Italy</td>
<td>2.6</td>
</tr>
<tr>
<td>Spain</td>
<td>2.3</td>
</tr>
<tr>
<td>China</td>
<td>2.2</td>
</tr>
<tr>
<td>Brazil</td>
<td>1.8</td>
</tr>
<tr>
<td>India</td>
<td>0.7</td>
</tr>
<tr>
<td>World</td>
<td>1.7</td>
</tr>
</tbody>
</table>
“Anyone who thinks there can be limitless growth in a limited environment, is either mad or an economist.”

Sir David Attenborough
GROSS NATIONAL PRODUCT HAPPINESS
Happy Planet Index which evaluates countries based on 3 components: their **level of health**, **level of well-being** and **rate of resource consumption**. Basically, the HPI is a measure of how effectively a country converts resources into human well being.
The Five Ways to Wellbeing

Connect
Be Active
Take Notice
Keep Learning
Give
Venn diagram showing:
- Pleasant life: enjoying daily pleasures
- Good life: using skills for enrichment
- Meaningful life: contributing to the greater good

Intersection labeled: Happiness
A tale of how it could turn out all right
• Create the conditions for wellbeing
• Support mutual relationships
• Support people to be active citizens
• Learn together for resilience
• Plan, deliver and measure what matters
• Value the environment and be a steward of the future as well as the past
Create the Conditions for wellbeing
Support people to be active citizens
Support Mutual Relationships
Learn together for Resilience
Plan, deliver and measure what matters
Value the environment and be a steward of the future as well as the past
A Rubbish Night at The Museum
Thursday 19 April 2018
6-9pm

Exhibition extended to Saturday 19th May

If you care about Manchester, our neighbourhoods and communities, then let's talk about rubbish.
#GMTalkingRubbish

Free entry

Assisted to be part of

Manchester Museum

Free entry

Assisted to be part of

Manchester Museum
Museums show us how we can change
Museums can encourage contemplation and imagination
"The future is not some place we are going to, but one we are creating."
the happy museum
re-imagining museums for a changing world