

Boundaries

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- The Question of NATO Expansion
- The Balkanized World: Europe
- The North Atlantic Region
- Conflict in the Caribbean and Central

Boundaries provide
security

Engineering for Sustainable Development

- Boundaries needed to LIMIT the task
- Wherever boundaries are drawn limitations are imposed
- Because sustainable development is global in reach, this presents a difficulty of definition

Dibden Bay Proposal



- European scale facility
- National importance
- Local adverse impact

Dibden Bay Proposal

- Scheme set in the CONTEXT of national and European policies
- Proposal does not challenge, for example, the role of shipping in UK trade position
- Boundary around road traffic impacts is narrowly drawn

Eden Project

- Set up as sustainable development icon
- Exhaustive in testing its sustainable development performance
- Does not fully address sustainability of car travel from all over UK



West Coast Mainline Route Modernisation

- Looked at many individual rail improvement projects
- Impacts almost all negative
- Changed boundaries and looked at whole scheme
- Positive impacts included

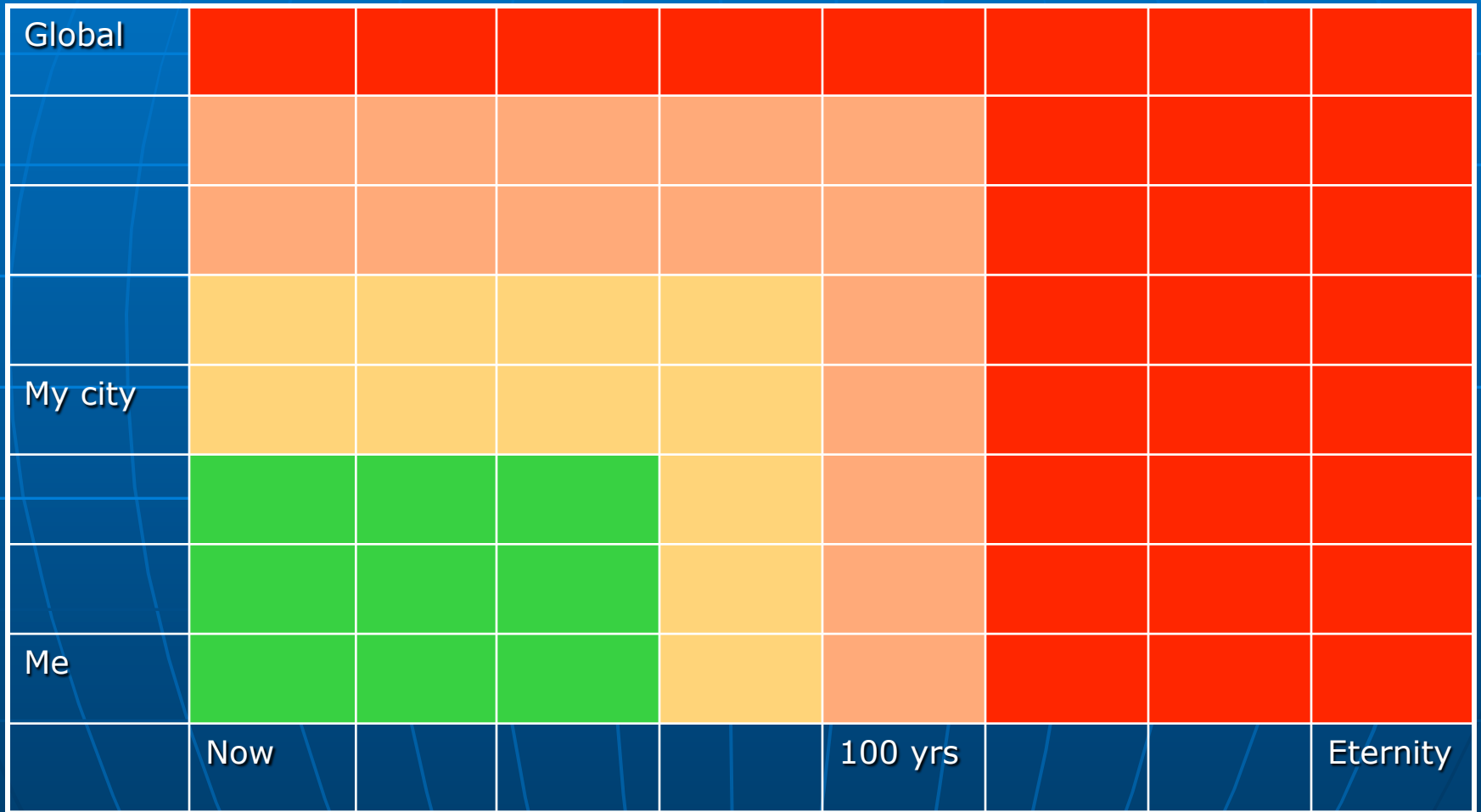
Boundaries

- Choice can determine outcome
- Change of boundaries can change outcome
- Determination of boundaries is susceptible to manipulation

Boundaries

- Space
- Time

Zones of (dis)comfort



Sustainable Development

- Characterised by
 - **Complexity**
 - **Need for multi-party engagement**
 - **Boundaries of responsibility**

Challenges for Professionals

- How far can the context be questioned?
- How secure is the existence of context / setting of limits a valid defence?
- What are the limits of professional responsibility?

And the Institutions...

- Must lead the way in influencing policy, qualifying members, acting as learned society
- Cannot be a trade association or a workers' cooperative if it is to be a professional organisation
- Must have resources to fulfil these functions