

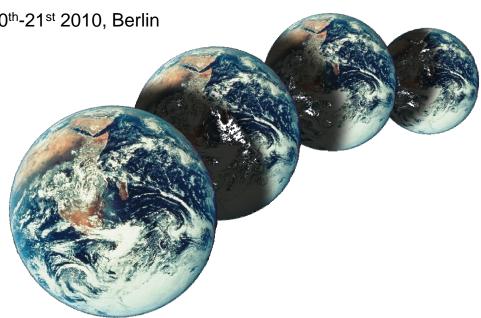
Towards sustainable civilisation: How to bend the trend from unsustainable reality towards sustainable lifestyles?

Second Annual Researchers Meeting of the International Research Network for Low-Carbon Societies (LCS•RNet)

September 20th-21st 2010, Berlin

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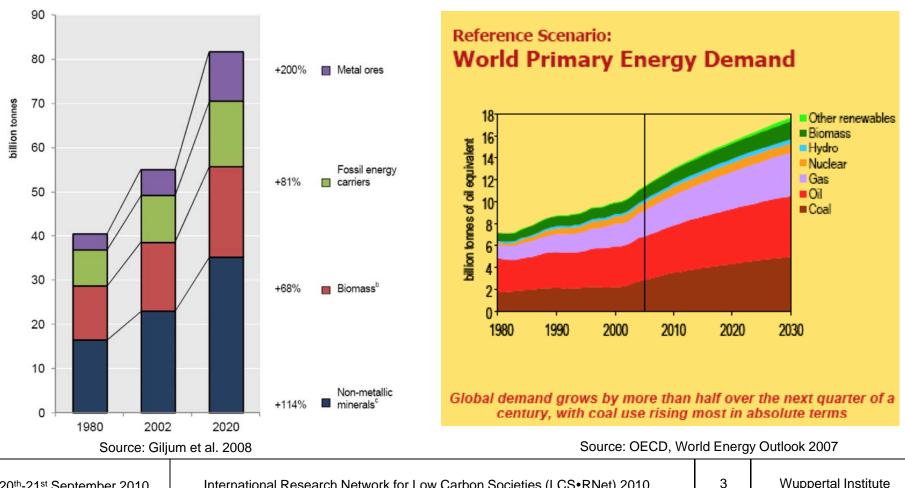




Unsustainable world
Towards sustainability
Understanding consumer behaviour
Key policy implications

Unsustainable world Energy and resource scenarios

Trends of resource and energy consumption are clearly unsustainable: an everincreasing energy and resource consumption will disturb the Earths ecosystems.



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Global Consumer Class



Source: Bentley 2003: Leading consumer classes in countries, 2002

What is the GCC?

Consumption patterns similar to those traditionally observed in industrialised countries (>7000 USD yearly nominal income)

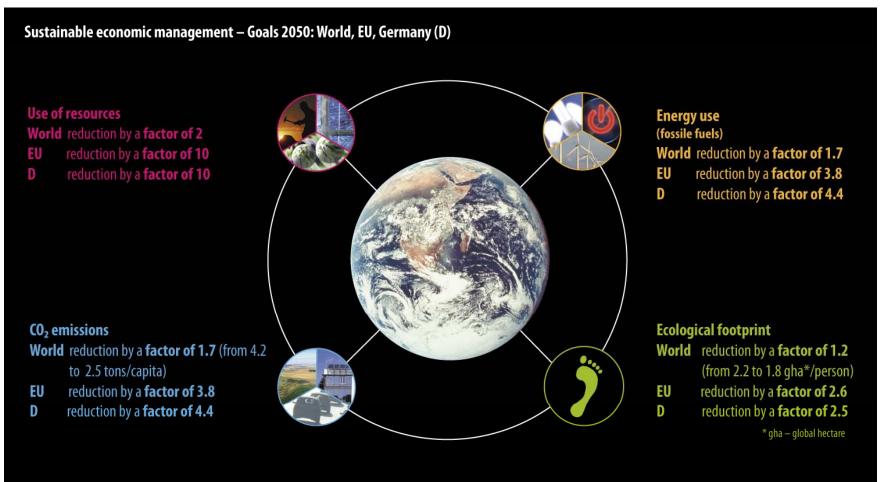
Where is the GCC?

- 1.7 billion members, of these
 - Half of them in the developed world
 - 362 million in China and India, more the in Europe
 - In the coming decades, GCC will grow strongly in developing countries.



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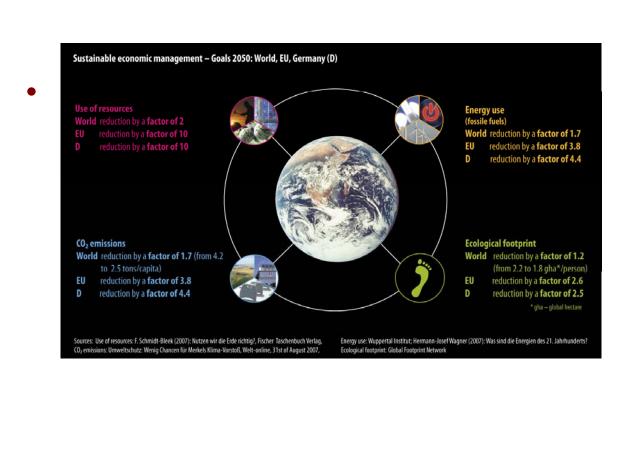
Sustainable low carbon development Targets 2050: World – EU – Germany



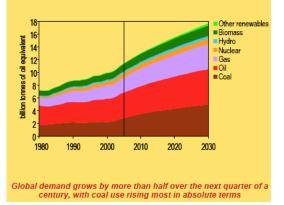
Sources: Use of resources: F. Schmidt-Bleek (2007): Nutzen wir die Erde richtig?, Fischer Taschenbuch Verlag, CO₂ emissions: Umweltschutz: Wenig Chancen für Merkels Klima-Vorstoß, Welt-online, 31st of August 2007,

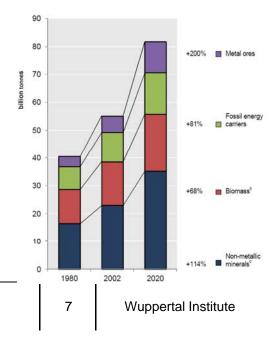
Energy use: Wuppertal Institut; Hermann-Josef Wagner (2007): Was sind die Energien des 21. Jahrhunderts? Ecological footprint: Global Footprint Network

Towards sustainable low carbon civilisation? How to bend the trend?



Reference Scenario: World Primary Energy Demand





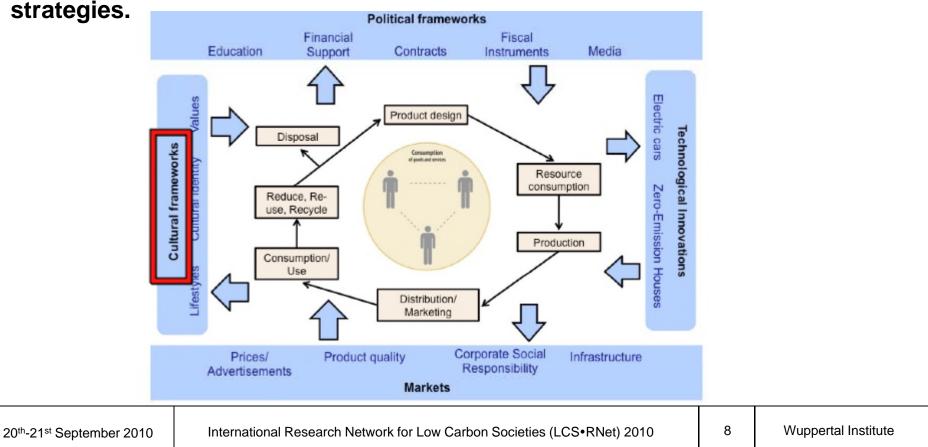
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Sustainable development

The role of socio-cultural frameworks for succesful policies

Most political efforts and initiatives over the past years did not lead to the expected positive effects on the environment. One of the reasons for this is the fact that existing socio-cultural conditions and frameworks influencing consumer behaviour have not been considered widely enough in these





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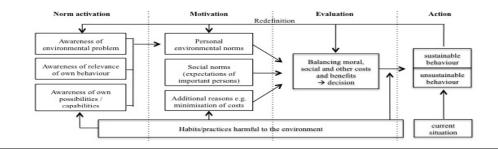
Understanding consumer behaviour (1)

Interaction between socio-cultural factors influencing consumption patterns

"Understanding (mainstream) consumer behaviour is a prerequisite for understanding how to motivate or encourage pro-environmental behaviour." Jackson, 2005:9

Key findings from scientific studies regarding consumer behaviour:

 Consumer behaviour is complex and non linear and cannot be explained through conceptual models.





10

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Understanding consumer behaviour (2)

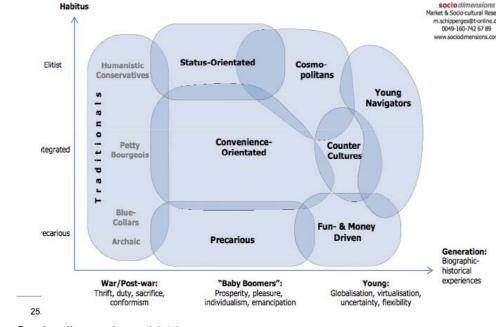
Interaction between socio-cultural factors influencing consumption patterns

- Social distinction is one of the major driving forces of consumption
- Consumption objects are symbols, consumed because of their imaginary dimension
- Life-enjoyment became a crucial element of the modern conception of a good life



Understanding consumer behaviour (3)

With some simplifications we can define big groups (social milieus) whose lifestyles show many similarities . With this approach people are grouped together according to their age, the generation groups, and according to their status.



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12

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Source: Socio-dimensions 2010



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Key policy implications (1)

Different social groups act and think differently, thus they require differently tailored strategies, measures and communication strategies.E.g. META Milieus approach can be used for a realistic internet based marketing.

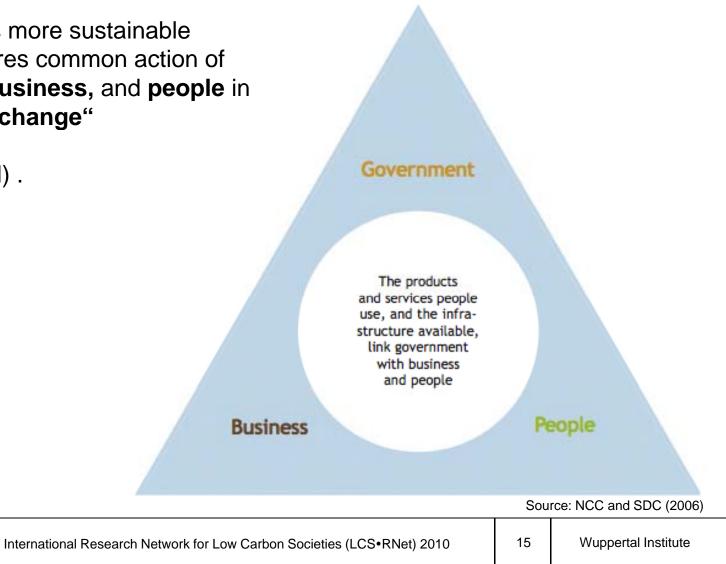


Picture: 2nd Sustainable Summer School, Rafael de Vasconcelos Info unter: www.designwalks.org

Key policy implications (2)

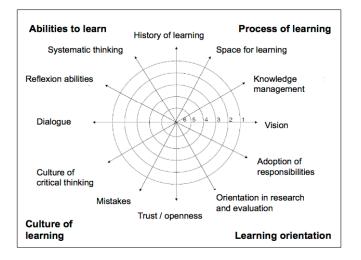
Transition towards more sustainable lifestyles requires common action of government, **business**, and **people** in a "triangle of change"

(I will if you will).



Key policy implications (3)

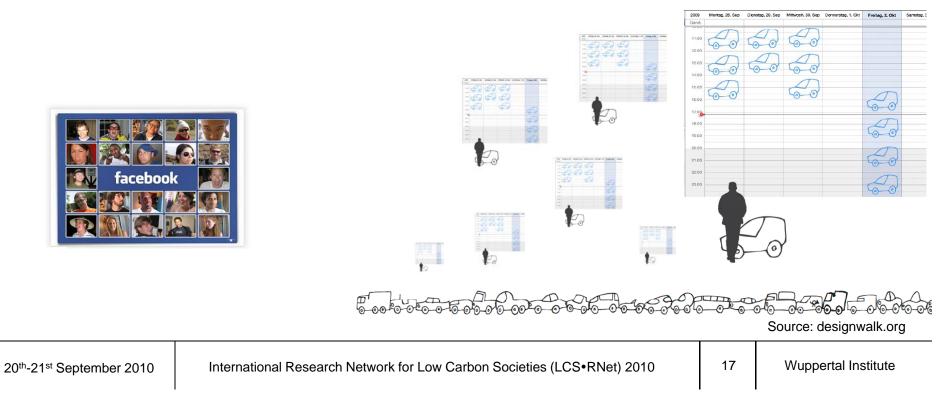
- Support research for a better understanding of sustainable lifestyles (in categories of social, economic, and biological aspects)
- Identifying and acting to remove barriers to sustainable behaviour





Key policy implications (4)

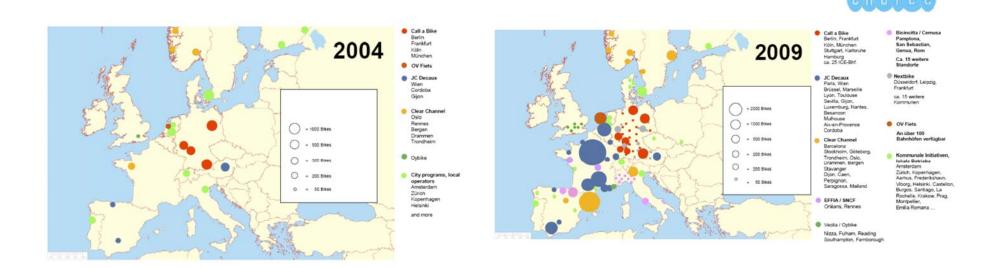
- Using the internet for communication of sustainable, low carbon lifestyles
- Supporting media campaigns, opinion leaders
- Promoting new business models for resource and energy efficient productservice- systems (PSS) (e.g. car sharing)



Key policy implications (5)

Sustainable consumption needs to be easy, competitive, accessible, and transparent.

Example: Successful bicycle sharing systems in European cities





Thank you for your attention!



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BRICS are coming!

Increasing demand for individual consumer goods in India

From the bicycle to the car

In many threshold countries, a new middle class is emerging which will drive up demand for refrigerators, TV sets, washing machines, and cars in the future.

Demand for goods in India

