



Podnebne spremembe:
priložnost za trajnostno rast
Climate Change:
An Opportunity for Sustainable Growth



Redefining the relationship of development and climate change

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3 ways

Redefining the relationship
of development and
climate change

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The three ways

1. High CO₂ and catastrophes

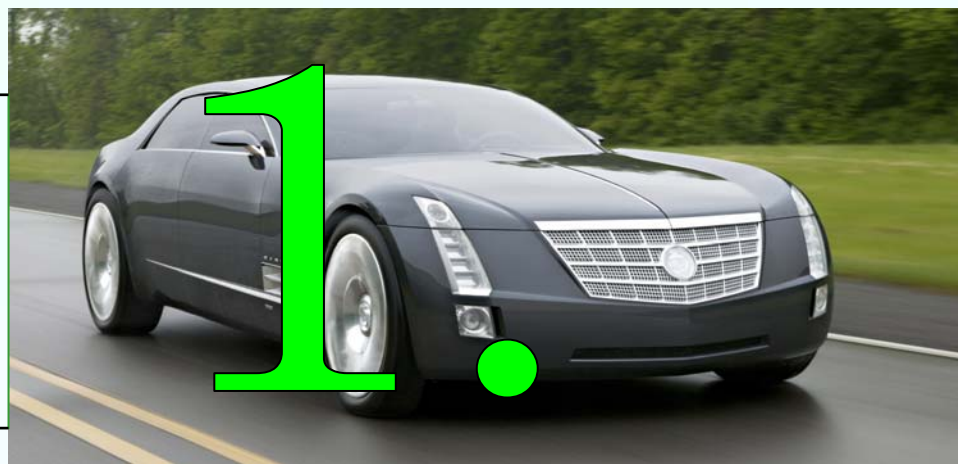
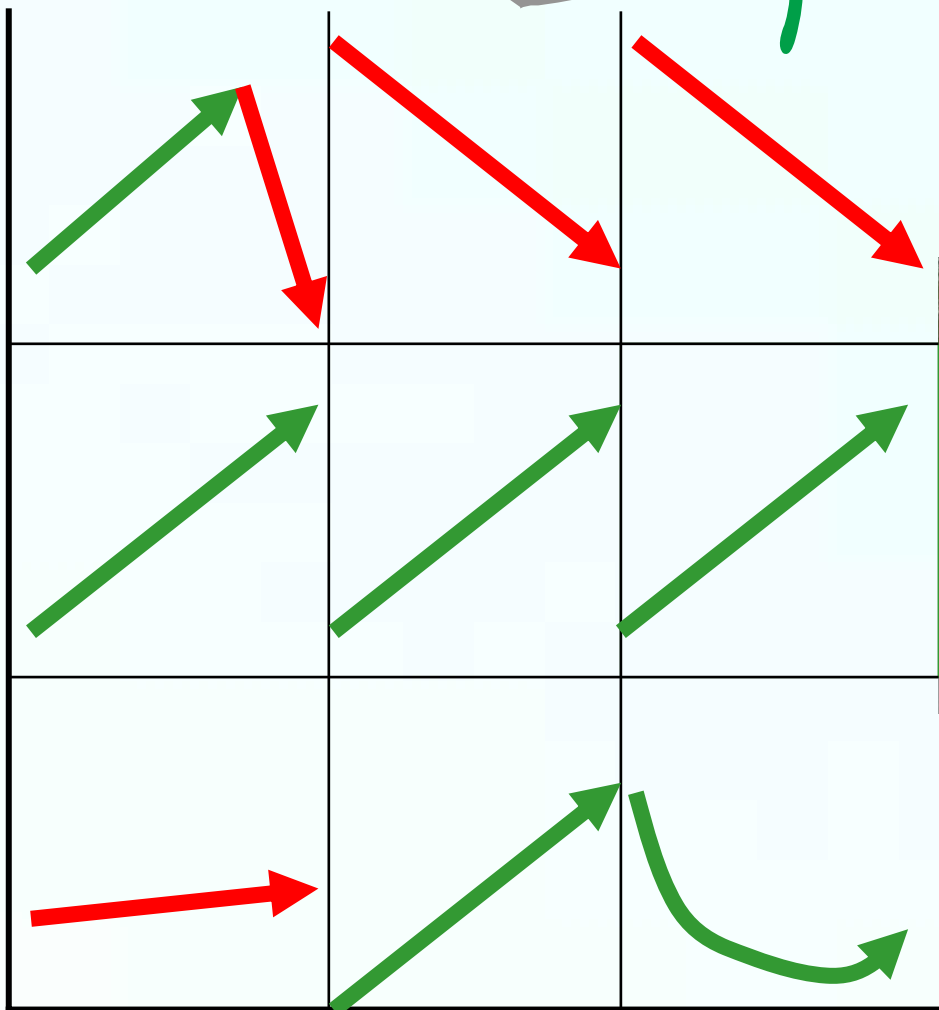
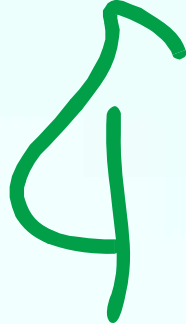


2. Low CO₂ and global growth



3. Low CO₂ and local development



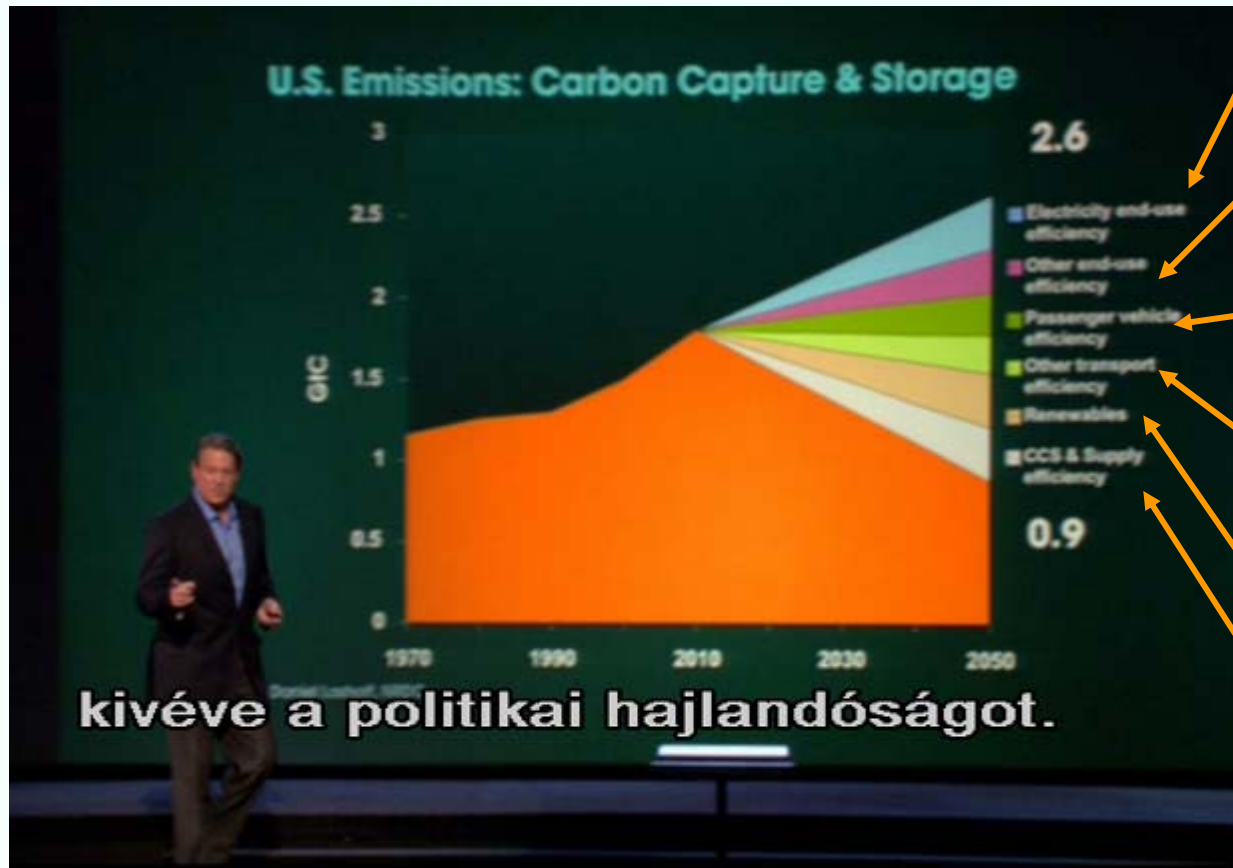


Stern Review

- “Yet despite the historical pattern and the BAU projections, the world does not need to choose between averting climate change and promoting growth and development.”

Source: Nicholas Stern (et. al.) [2006]: Stern Review on the Economics of Climate Change, Cabinet Office - HM Treasury, London.

An Inconvenient Truth



Electricity end-user efficiency

Other end-user efficiency

Passenger vehicle efficiency

Other transport efficiency

Renewables

Carbon sinking and supply efficiency

Source: Al Gore [2006]: *An Inconvenient Truth*, Rodale Books.
and the movie with the same title.

We are optimist.

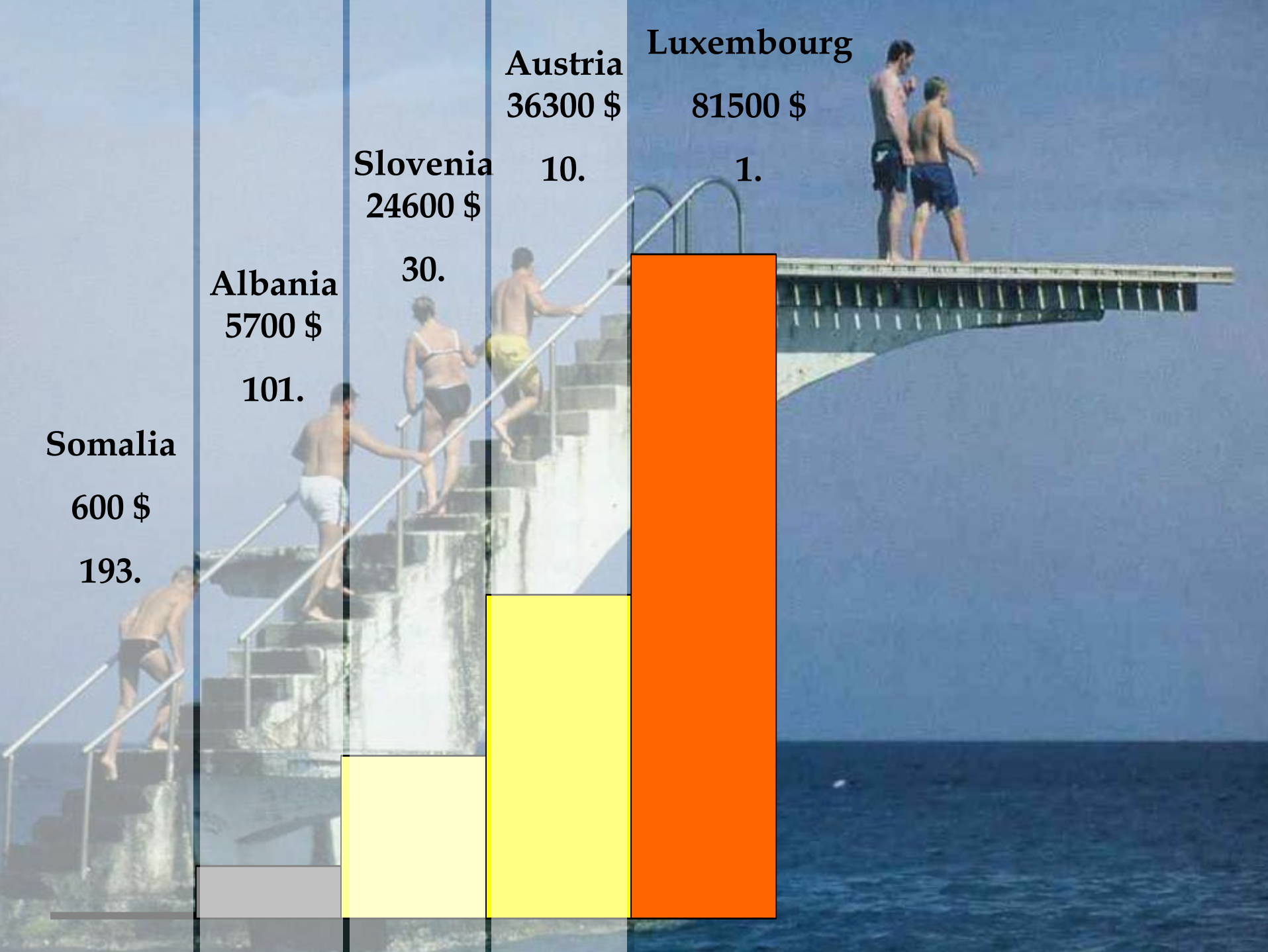
But maybe the wrong way...





What is our growth objective?

Where are we actually?



Austria
36300 \$

Luxembourg
81500 \$

Slovenia
24600 \$

10.

1.

Albania
5700 \$

30.

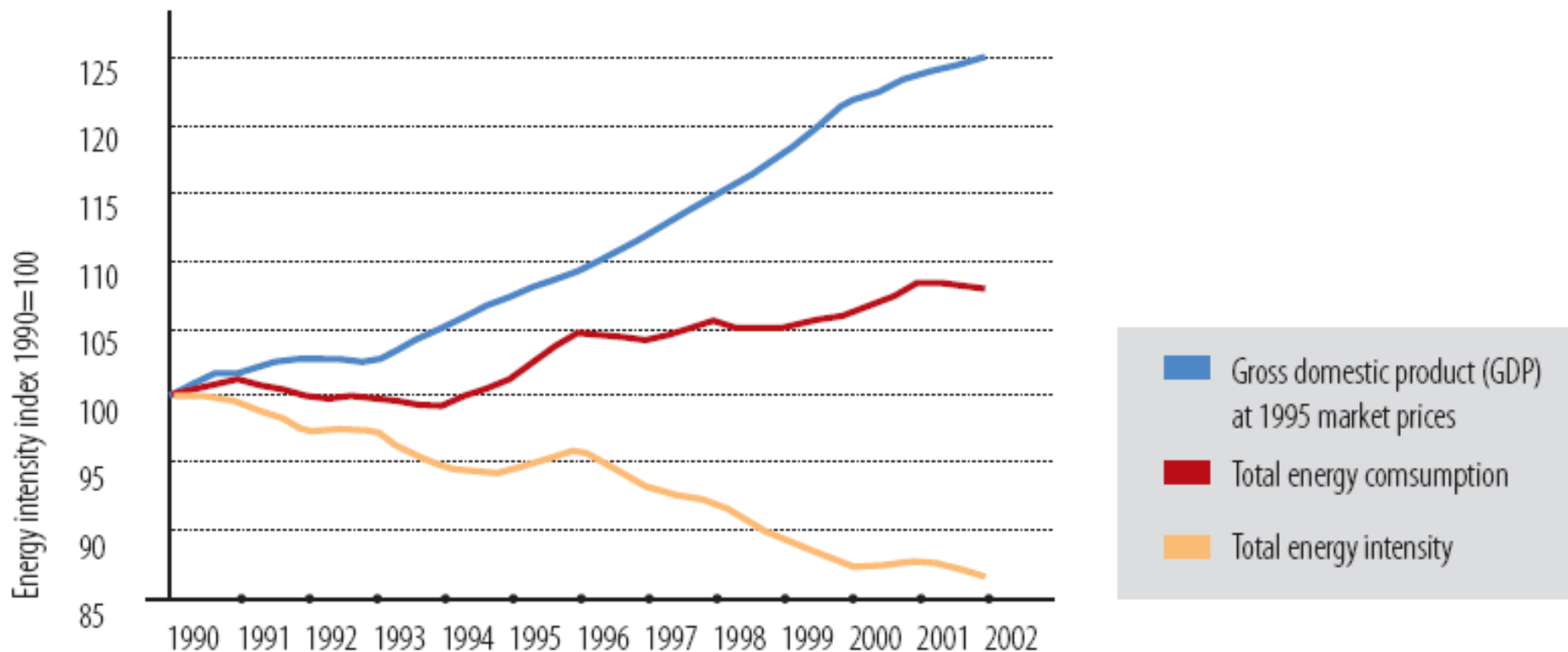
101.

Somalia
600 \$
193.



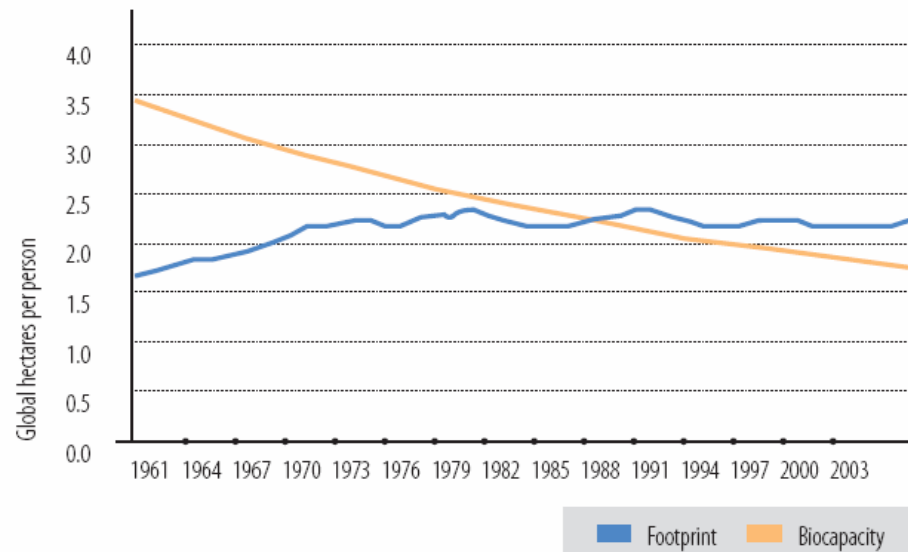
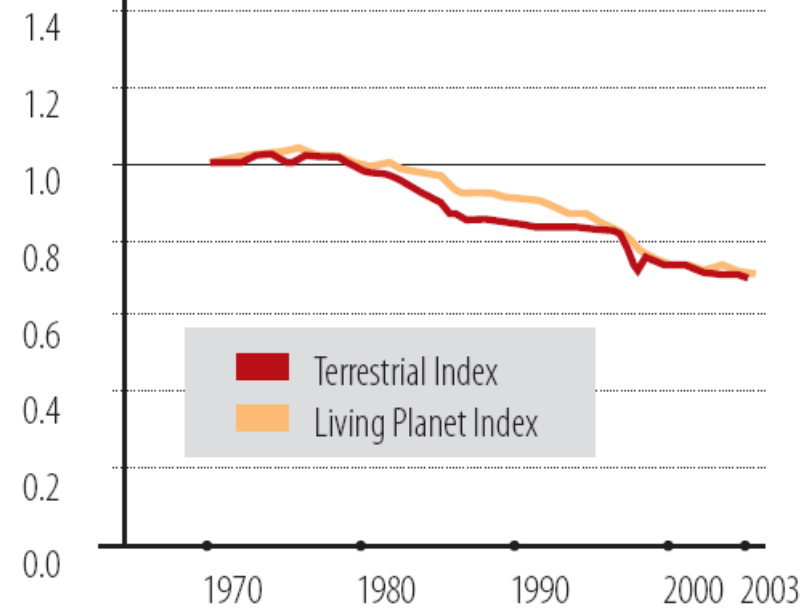
**But this is not possible
any more!**

Energy intensity in the EU

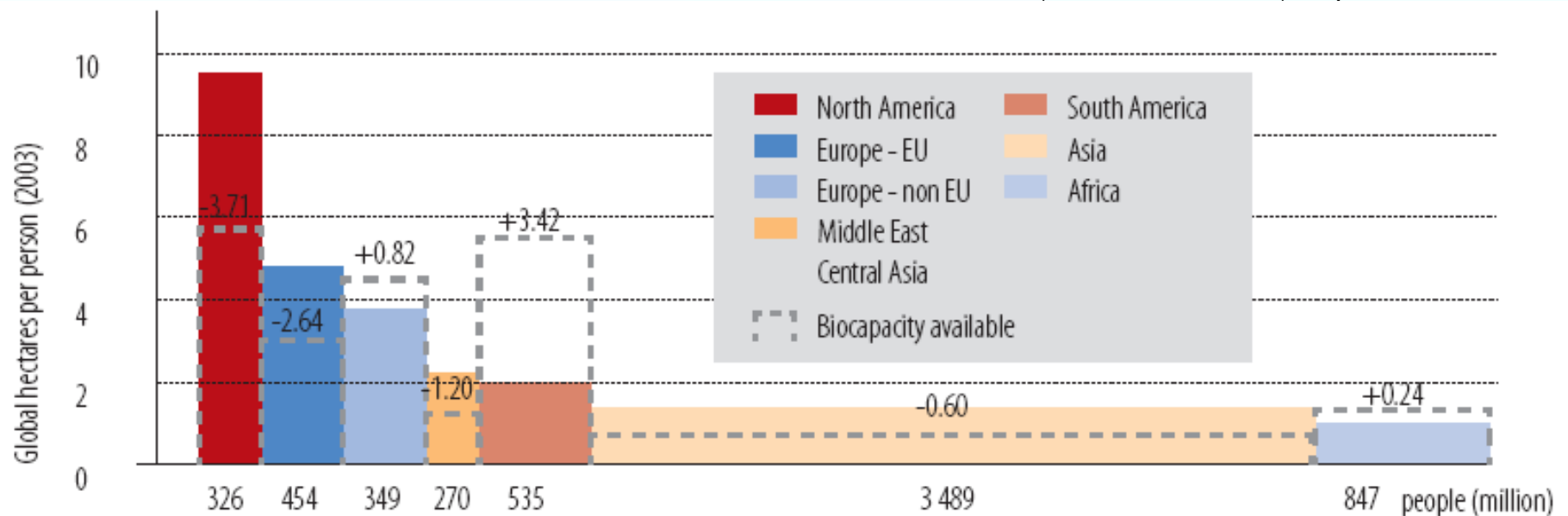


*Source: European Environmental Agency [2006]:
The European Environment – State and Outlook 2005.*

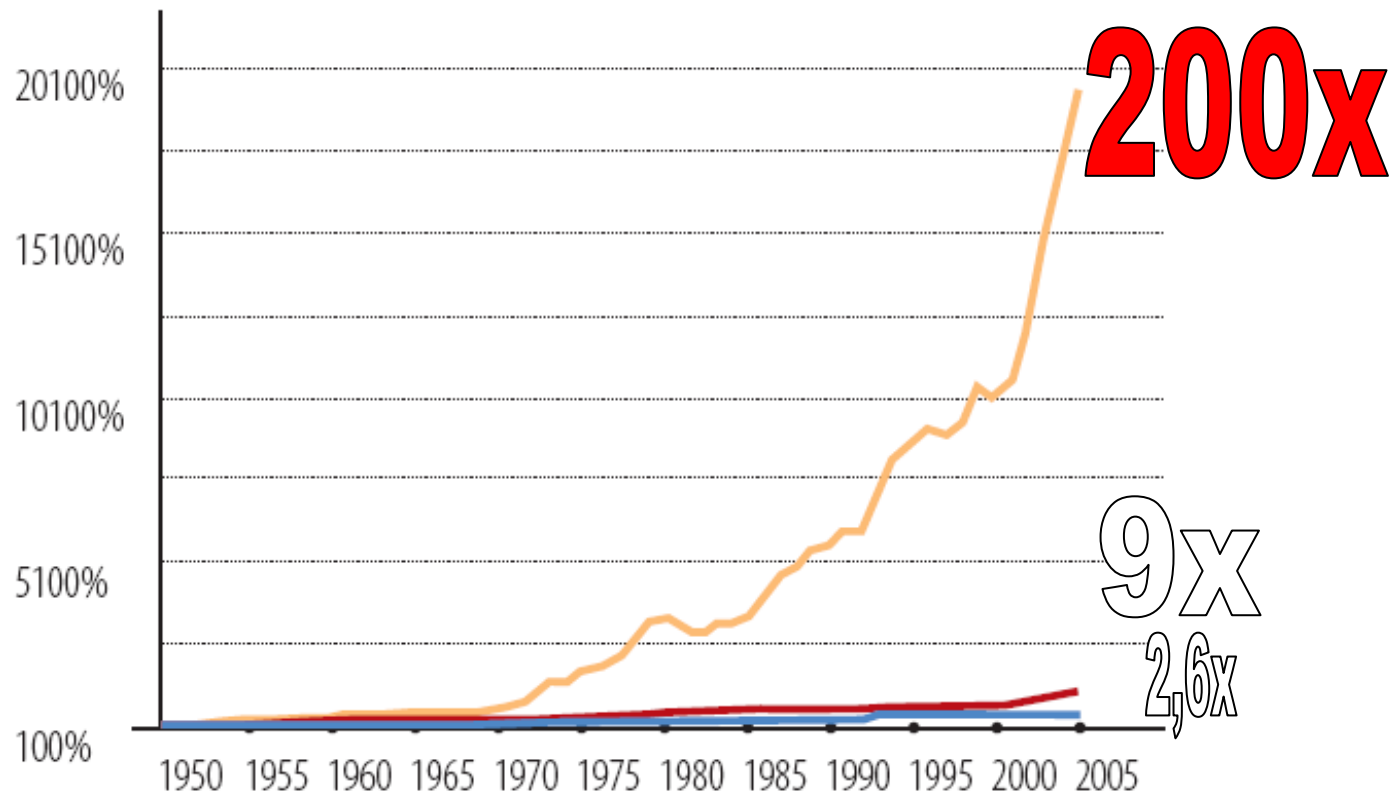
Terrestrial Living Planet Index,
1970-2003



Source: *Living Planet Report 2006*, *Global Footprint Network*, *World Wildlife Fund*, *Zoological Society of London*, www.footprintnetwork.org



Growth trends



*Data sources: U.S. Census Bureau, WTO, IMF
and Maddison [2003]*

Population
GDP
Trade

What is the third way?

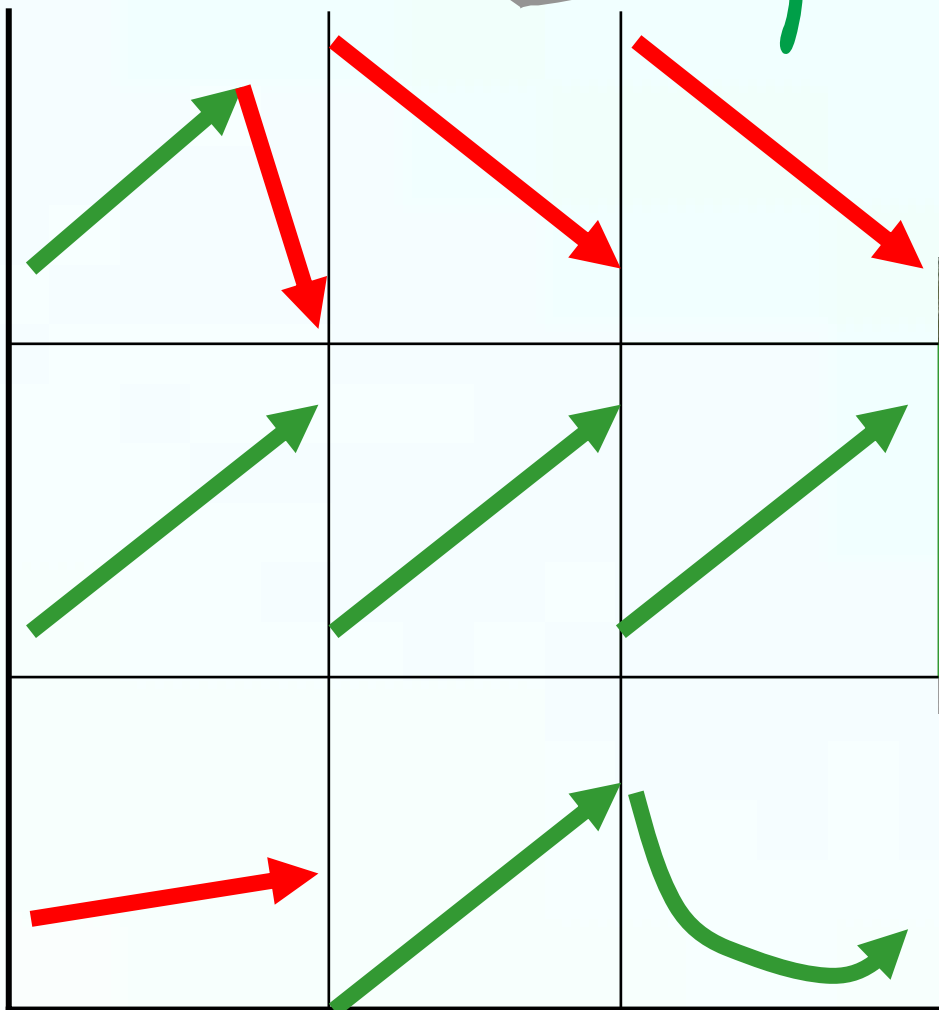
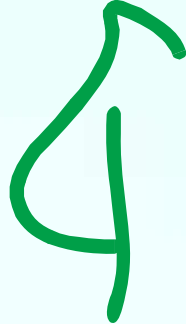
**Which regions will
win themselves?**

Local economic development

1. Food Sovereignty and local energy supply
2. Truly Responsible Enterprises, as the „biomass“ of the economy
3. Some outstanding and stabilized international companies









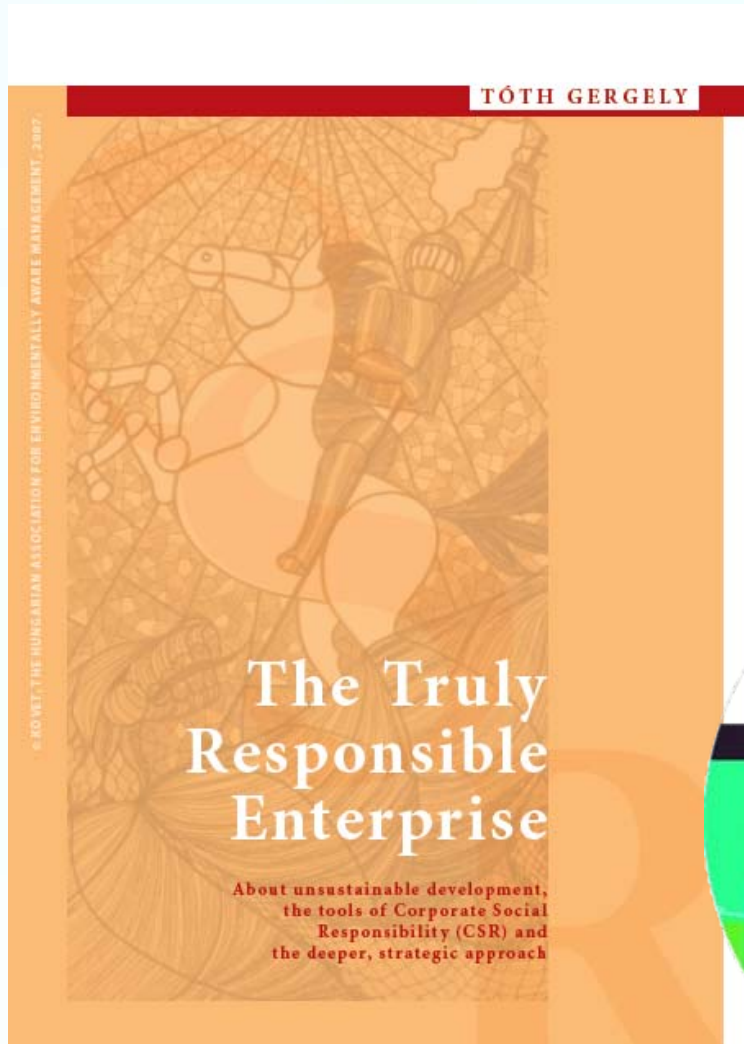
3 ways
= 2 ways

*“Problems cannot be
solved by the level of
awareness that
created them”*

Albert Einstein

Further reading

www.kovet.hu





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