

Exploring consumption-focused policy mixes for absolute decoupling of well-being from resource use and environmental impacts

Degrowth Conference 4th September 2014

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OVERVIEW

- DYNAMIX research questions and objectives
- Decoupling concepts
- Drivers of resource consumption
- Defining three policy mixes
- The overarching policy mix aiming at addressing structural drivers of overconsumption



RESEARCH QUESTIONS

Policy options for a resource efficient economy

"policy mix [leading] to an absolute decoupling of economic growth from unsustainable use of natural resources and environmental degradation."

"new concepts and paradigms to ensure that the resource efficiency dimension throughout the life cycle of products/services is embedded in policy formulation"

"an adequate policy mix that optimises synergies and addresses trade-offs between different areas and policies"



PROJECT OBJECTIVES

identify

promising policy mixes supporting absolute decoupling

assess

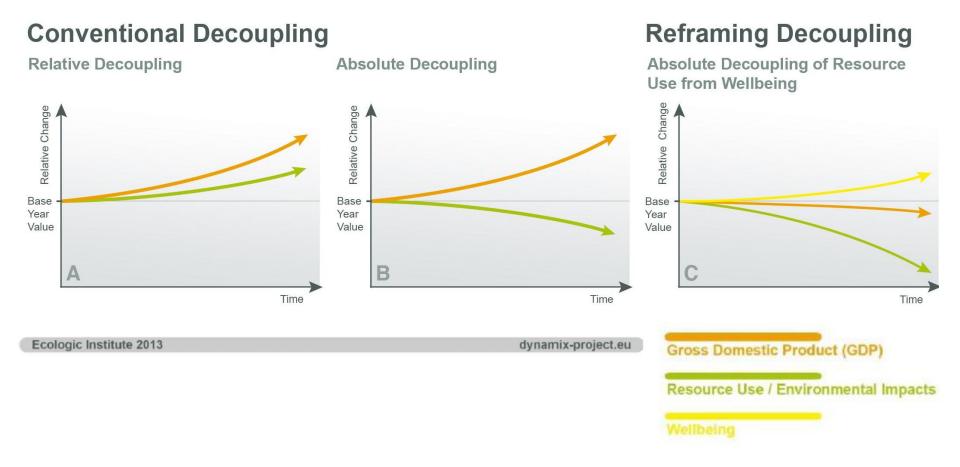
potential impacts in the medium-term (2030) and long-term (2050)

develop & conceptualise

analytical framework for selection and design of dynamic policy mixes



CONCEPTS – ABSOLUTE DECOUPLING



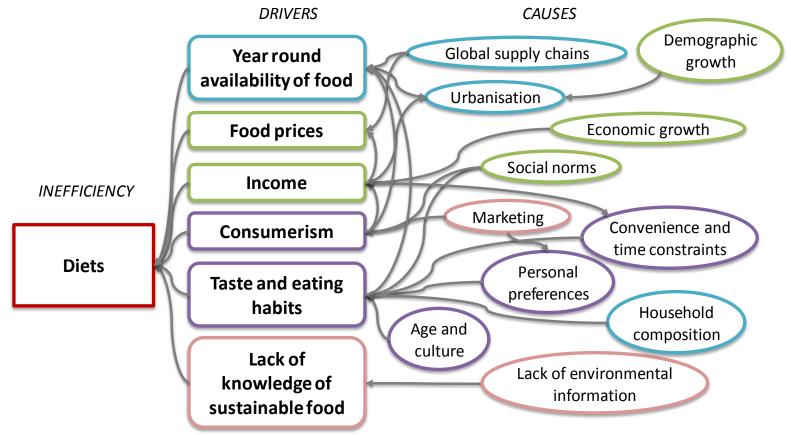


CAN ABSOLUTE DECOUPLING BE ACHIEVED?

 Easily ... were it not for a complex web of drivers affecting inefficient resource use, such as



DRIVERS AND CAUSES TO UNSUSTAINABLE DIETS AND RESOURCE INEFFICIENT FOOD CHOICES



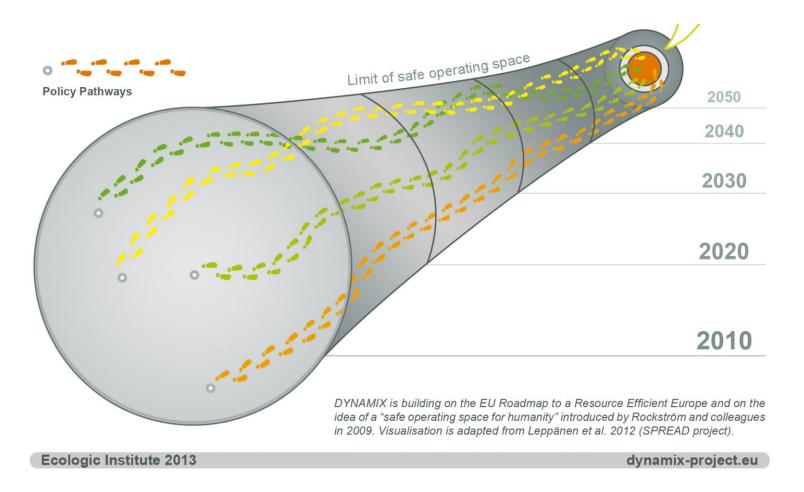


LESSONS LEARNT FROM DRIVER ANALYSIS

- We need to
 - change consumption and production patterns
 - challenge underlying paradigms and world views
 - overcome infrastructure and institutional lock-in
- How best to support such transitions?



NEED FOR DYNAMIC PATHWAYS





POLICY MIXES FOR EX-ANTE ASSESSMENT

Steps in developing the policy mixes

- Analysing theme-specific trends and drivers
- Setting 2050 and 2030 theme-specific aims
- Definining policy options addressing the drivers identified
- Choosing exemplary policy mixes for detailed assessment
- Seeking feedback from stakeholders



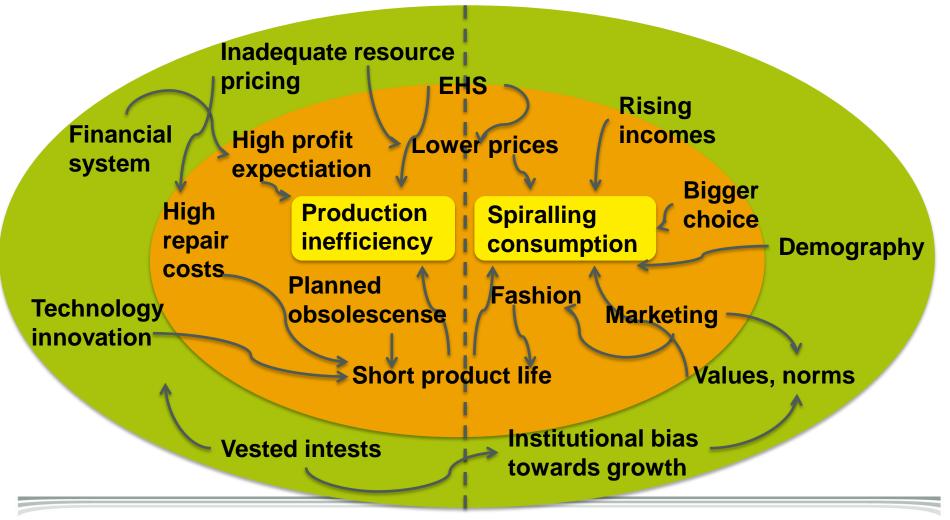
3 POLICY MIX AREAS

- Land:
 - reduce agricultural land footprint/impacts
 - Production (improve water and biodiversity conservation service) and consumption (reducing meat/dairy consumption) focus
- Metals:
 - Reduce metal-consumption related mining
 - Increasing recycling and material efficiency
 - Mass and precious metals (e.g. iron, copper, gold)
- Overarching





ANALYSING STRUCTURAL DRIVERS





THE GRETCHEN QUESTION(S)

Macro narratives						
GG	GE	GT	PWG	SSE	DG	
	GG					

	Macro narratives							
Macroeconomic means	GG	GE	GT	PWG	SSE	DG		
Means for localisation:								
Local currencies								
Strengthening the informal economy								
Enhancing local production and services								
New redistribution and labour marketpolicies:								
Maximum and minimum income								
Citizen's income]				
Worksharing								
Employer of last resort								
Harnessing the financial sector:								
Division between investment and retail banking								
Forced demergers of financial actors too big								
to fail								
Tax on financial transactions								
Ban of obscure instruments								
Capital control								
Limit on bonuses								
Fight tax havens								
State-monopoly on money creation								
Regulation of and creation of new businesses:								
Limit to size (and right-size profits)								
Cooperative ownership								
New business models								
Regulation of international trade								
New measures for economic progress								

Source: Urhammer and Ropke 2013



DESIGNING THE POLICY MIX - EXAMPLE

Drivers

Inadequate resource pricing

Objective

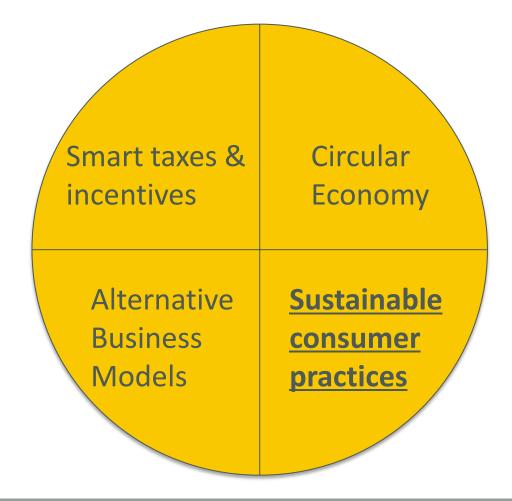
All resource and extrnal costs fully internalised

Policy

Tax on material use

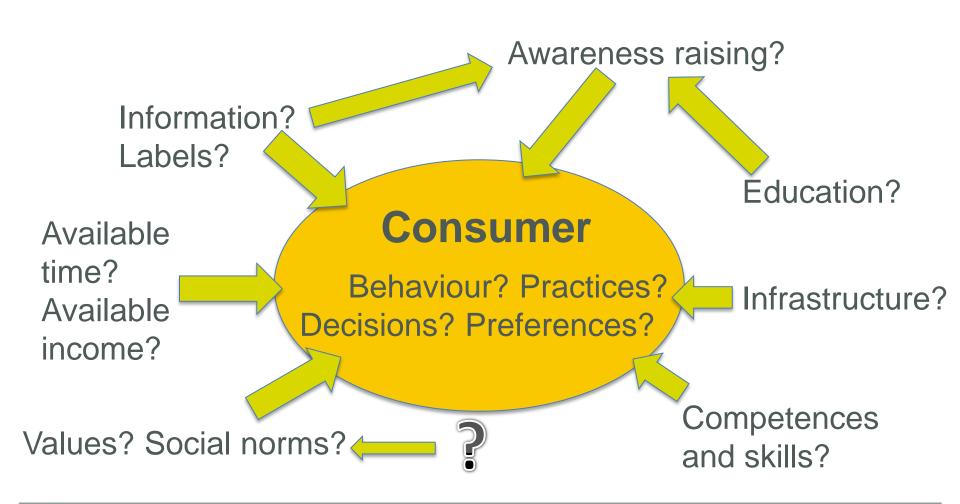


DESIGNING THE POLICY MIX - FOUR CLUSTERS





How To Change Consumer Behaviour?





POLICIES ON CONSUMER PRACTICES

- Step-by-step restrictions on advertising and marketing
- Policies enabling voluntary subsitution of income by leisure
- Extending labelling to include information on average total consumption levels
- Public infrastructure spending programme for enabling sustainable behaviour



Thank you.

