

Identification and choice of indicators for the database

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- Themes in a green economy
- Linking policy questions with indicators
- Discussion





Recap

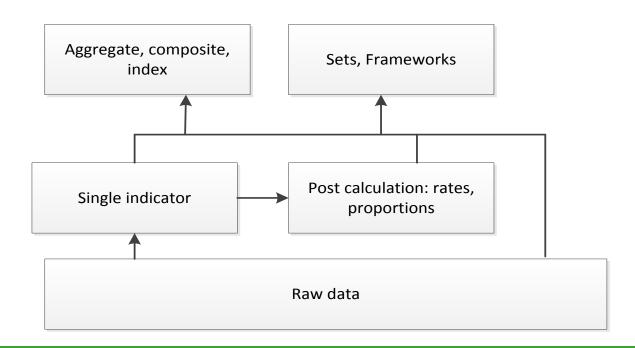
- Aim is development of a database with <u>information</u> on GE indicators (not their values)
- > 4000 indicators were identified
- Mostly from sustainable development and environmental accounting initiatives
- Make logical choices to reduce this #
- Typology and grouping





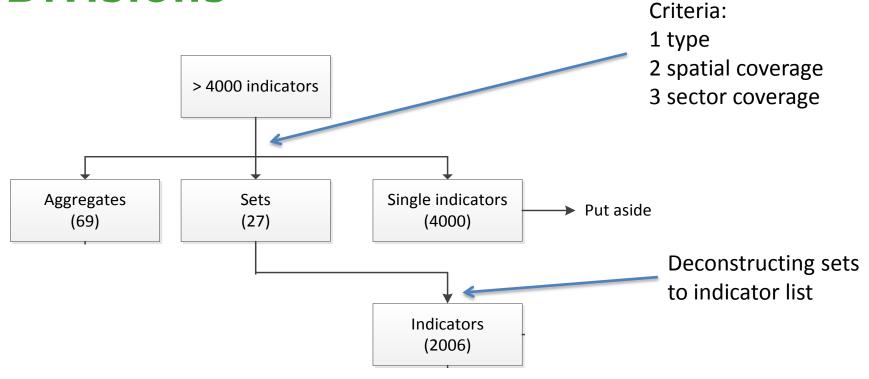
Types of indicators

- Single indicators
- Aggregates, composites, index
- Sets, frameworks





Divisions

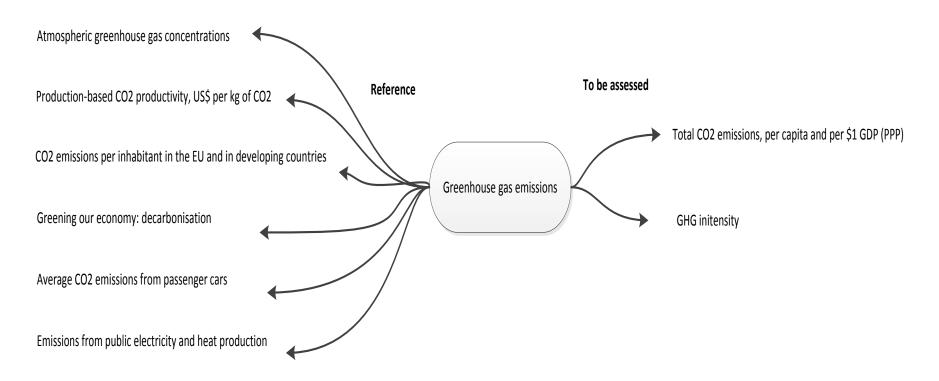




Grouping indicators from sets

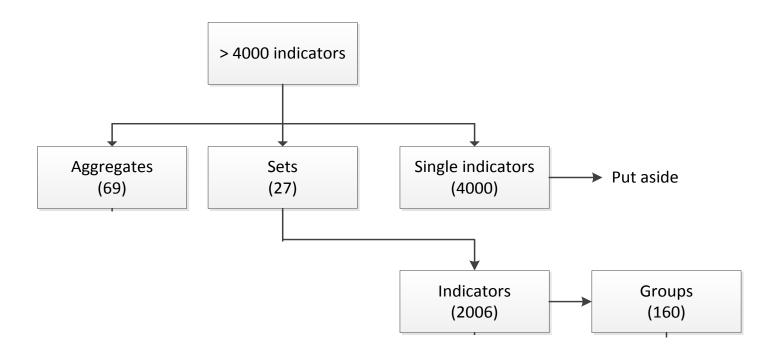
2006 indicators grouped according to topic

- -> 160 groups of similar indicators
- -> main indicators and references



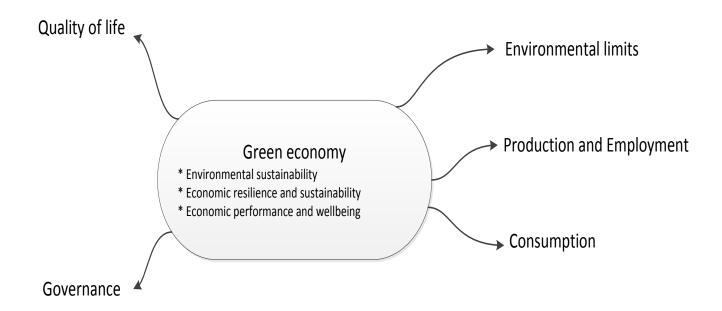


Adding groups



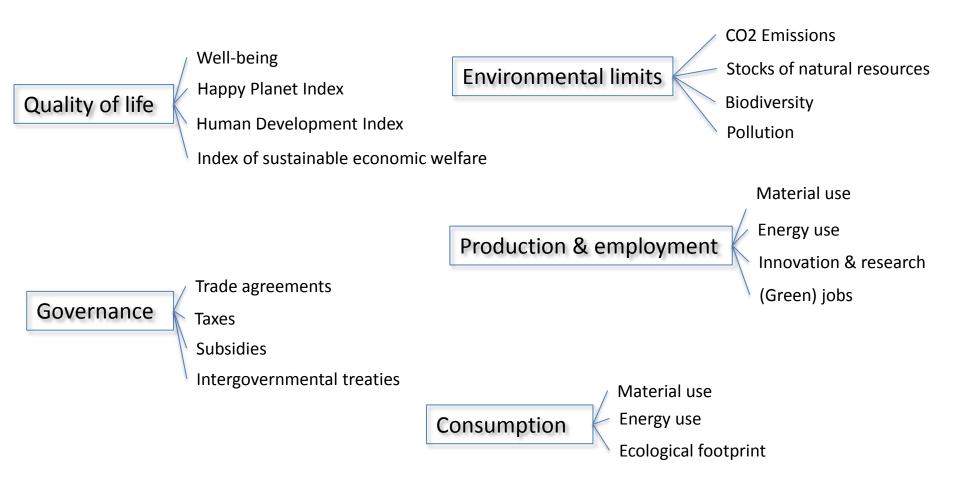


Themes in a Green Economy



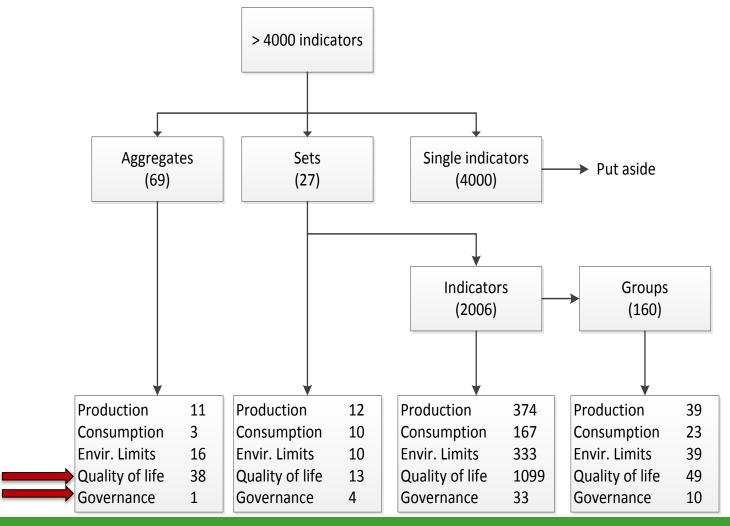


Linking themes with indicators





Indicators by themes



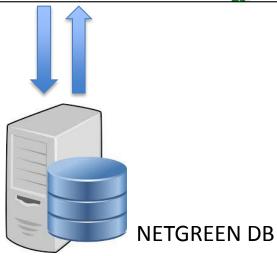


Policy questions and the webtool











Policy questions

Policy question	Features for consideration	Indicators
How efficiently are we delivering adequate levels of wellbeing in terms of the (changing) risk and cost implied by resource-use (including the resource-use associated with imports) or other environmental damage, and how does this compare with benchmark countries?	Adequate levels of wellbeing	 Greenhouse gas emissions and emissions of other pollutants Material use and efficiency Objective and subjective well-being



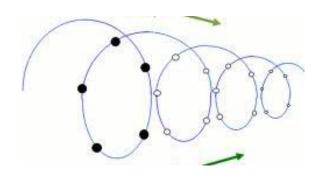
Iterative process

Linking policy questions with indicators

- Questions with inadequate indicator coverage
- Indicators with no corresponding questions

Gap analysis: adding indicators to the list to make the database more balanced

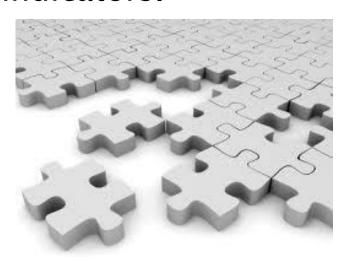
- Reformulate some questions
- Adding new questions





Iterative process

Thus analysing the list of indicators and linkages with policy questions will also add to the understanding if relevant policy questions are missed as well as to see if we have omissions of relevant indicators.





Discussion

NETGREEN selected policy questions in relation to indicators.

We can link types of questions to (groups of) indicators and use this for our selection of indicators. What do you think of this approach?

The work on indicators will help users gain information on credible indicators.

 The frameworks and sets are developed by institutes and clarifying the current use in Green Economy assessments helps quality assessment of indicators and use in practice. <u>Is</u> this is a good strategy to ensure quality?

NETGREEN has collected over 4000 indicators, but only a small percentage will actually be visible in the system.

Most indicators are related to these few, but not directly assessed. What are your views on the trade-off between completeness (in terms of indicators) and depth of information provided for each indicator?





Thank you



Suggested main indicators

	Suggested main indicators
Environmental limits	Greenhouse gas emissions
	Emissions of other pollutants
	Biodiversity
	Stocks of natural resources, such as freshwater, wood,
	fish etc.
Production and employment	Material use
	Energy use
	Life cycle analysis indicators
	(Green) patents
	Innovation and research
	(Green) jobs
	Employment in different sectors
	Labour force by sector
Consumption	Energy use and energy use intensity
	Material use and material use intensity
	Use of natural resources
	Ecological Footprint
	Water use and water use intensity
Quality of life	Objective and subjective well-being
	(Adjusted) GDP
	Happy planet index (HPI)
	Human development index (HDI)
	Index of sustainable economic welfare (ISEW)
	Gini coefficient
	Energy prices households
Governance	(Green) taxes
	Taxes on fossil fuels
	International trade agreements
	Subsidies on green initiatives
	Institutes promoting green development