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**In-Stream**



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# IN-STREAM – Overview

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# IN-STREAM

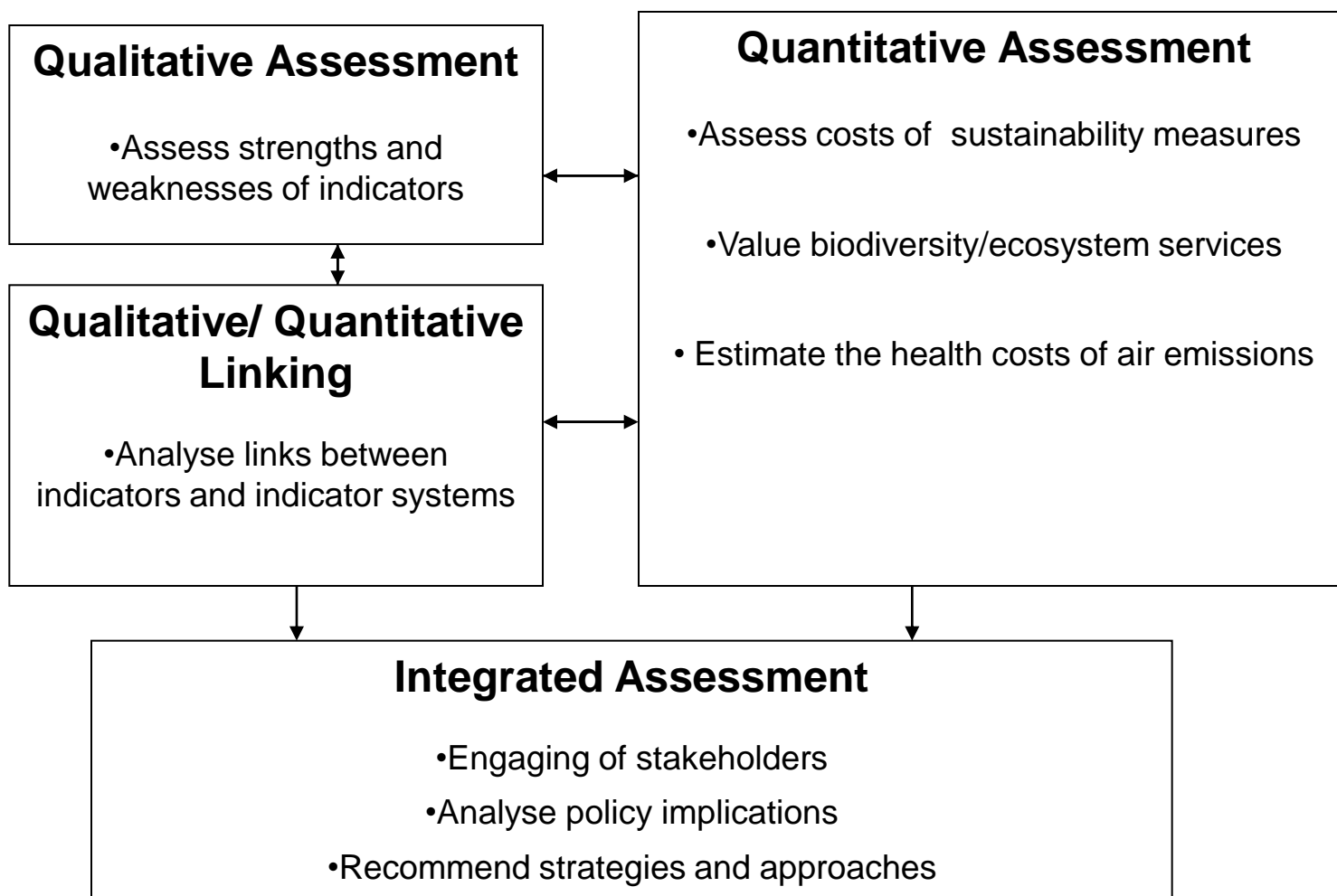
- ▶ What is IN-STREAM?
- ▶ Indicators and the policy cycle
- ▶ Three examples of policy areas where IN-STREAM results could support policy making
  - ▶ Biodiversity
  - ▶ Resource efficiency
  - ▶ Green growth and green innovation



## IN-STREAM Objectives

- ▶ Evaluate key existing indicators and indicator efforts
- ▶ Evaluate institutional needs and opportunities
- ▶ Improve quantitative models linking indicators
- ▶ Assess the costs of reaching sustainability targets
- ▶ Recommend composite indicators and implementation strategies

## IN-STREAM – work packages



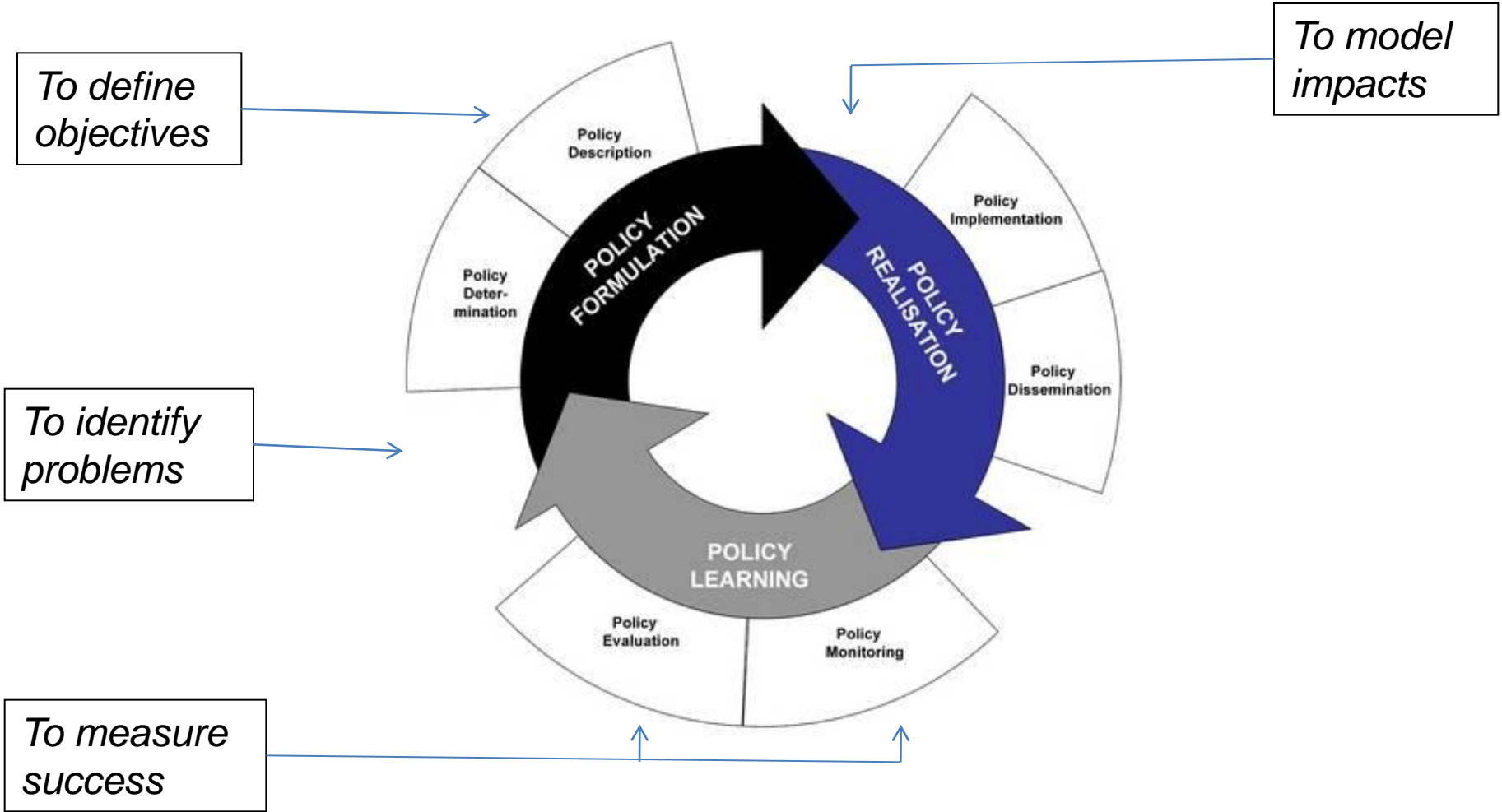


# IN-STREAM Organisation

- ▶ FP 7 Project - 09/2008 until 09/2011
  
- ▶ Partners
  - ▶ The Ecologic Institute – Berlin
  
  - ▶ University of Bath
  
  - ▶ Fondazione Eni Enrico Mattei (FEEM) – Milano
  
  - ▶ Charles University Environment Center – Prague
  
  - ▶ Institute for European Environmental Policy (IEEP) – Brussels
  
  - ▶ Universität Stuttgart
  
  - ▶ International Institute for Applied System Analysis (IIASA) – Vienna
  
  - ▶ The Centre for European Economic Research (ZEW) – Mannheim



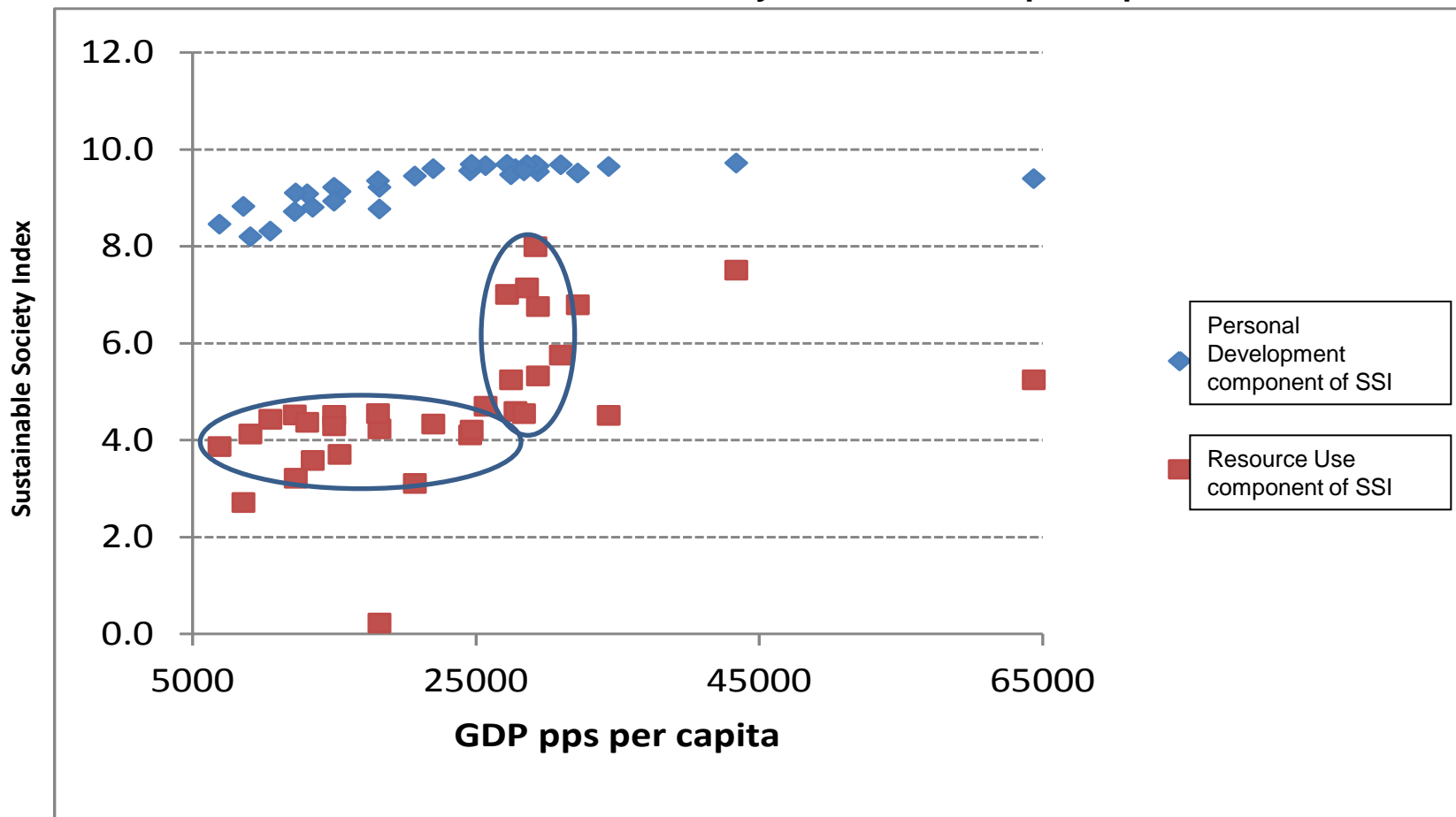
# IN-STREAM indicators and the policy cycle





# Example 1: Indicators to define objectives – resource efficiency

## Statistical correlation of Sustainable Society Index and GDP per capita





## Example 2: Indicators to measure success - biodiversity

- ▶ Formulation of post 2010 biodiversity strategy in early 2011
  - ▶ Qualitative work
    - ▶ RACER and SWOT analysis of Common bird index, Favourable Conservation Status, Marine Trophic Index, Red List index and others
    - ▶ Identify the best indicators to spot weaknesses in the current policy framework
  - ▶ Quantitative work – valuation of biodiversity and ecosystem services
    - ▶ Can ensure that the value of biodiversity and ecosystem services is taken properly into account of in policy decisions





## Example 3: Indicators to estimate impacts – green growth

- ▶ Green growth wants to garner the synergies between economic growth/employment and environmental progress
- ▶ With a computational general equilibrium (CGE) model the ZEW has estimated the impact of emission pricing on overall and sectoral competitiveness
- ▶ Indicator shows the diversity of results
- ▶ The results can support policies by identifying synergies and trade offs within green growth policy



## Further information on IN-STREAM

- ▶ IN-STREAM website [www.in-stream.eu](http://www.in-stream.eu)
- ▶ Three workshops and conference
  - ▶ Brussels
  - ▶ Prague 07/04/2011 – resource efficiency
  - ▶ Berlin June/2011 – green growth
  - ▶ Brussels September 2011
- ▶ Three Newsletters



# Thank you for listening.

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