



# Approach and Background: Scenario Database and Instrument Bundling

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eupopp stakeholder workshop

Brussels, Nov. 15, 2010

# SC and Need Areas

- Need areas represent **grouped demands** for goods and services
- Description of need areas use **statistical data** on demands for goods/services, or **scenario data** (for future development)
- **Bottom-up** model approach of need areas is addressed with material-flow analysis (MFA)
- Through MFA, **quantitative link** to sustainability indicators (GHG, air emissions, resources, costs, employment)

# EUPOPP Scenarios



- Scenarios: consistent view on possible futures, exploring effects of “what if?”
- Two **eupopp** scenarios:
  - Reference development with given policies (business as usual = **BAU**) as baseline (comparator)
  - Sustainable Consumption (**SC**), assumes implementing SC instrument “bundles” for food and housing

# BAU: business-as-usual



2005

Extrapolate **today's**  
world view (no  
**additional** changes)

includes adjusted basic data  
trends, and other influencing  
variables (context factors)

2030

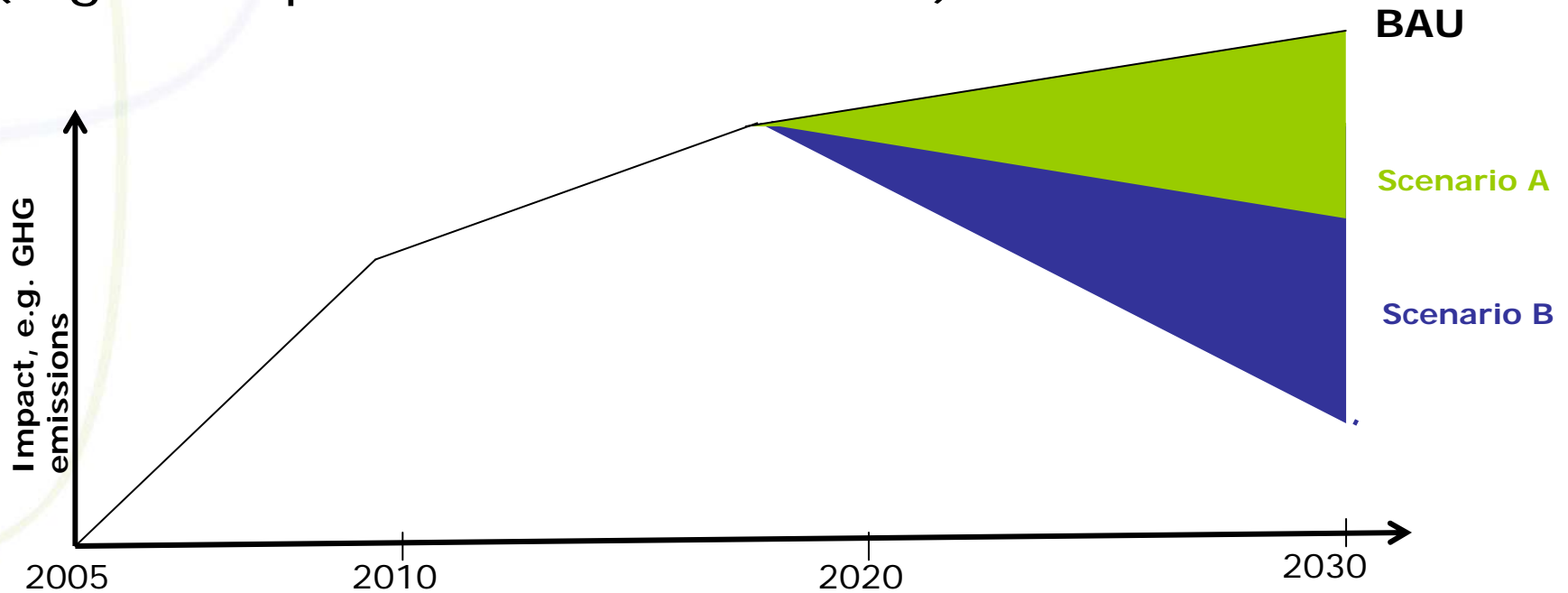


BAU  
scenario

# Scenarios: A range of possible futures

corridor of impacts from changes to BAU

(e.g. new policies, instruments...)



# Scenario Database



- Housing and energy supply:
  - BAU: PRIMES reference scenario (2010)
  - MFA data based on EEA study (EU27), and GEMIS model (IEA and UNFCCC data, 2009)
- Food:
  - BAU: OECD-FAO/DG AGRI Agricultural Outlook (2010), and CAPRI model
  - Update of existing MFA data and extension to EU-27 in **eupopp**

# Instrument Bundling

- Potential synergies between instruments within need areas (**horizontal** bundling): covering several instrument types
- Mutual **reinforcement**: considering of success factors & barriers of instruments
- Including **cross-cutting** elements: supportive action and promoting measures
- Bundling ideally at EU level:
  - translate existing national/regional instruments to EU level
  - combine with existing EU schemes