

MOBILITY ENERGY ENVIRONMENT



The future moves us.

**Andrea Ricci: CAPS and foresight**  
**CAPS concertation meeting**  
**04.02.2014 - Brussels**



INNOVAZIONE PER LA SOSTENIBILITÀ

# Foresight

- *A set of strategic tools that support governmental and industry decisions with adequate lead time for **societal preparation** and strategic response*

*Adapted from J. Smith – Office of the National Science Advisor - Canada*

- *Approach that enhances future oriented thinking by gathering anticipatory intelligence from a **wide range of knowledge sources** in a systematic way and linking it to today's decision making*

*ForLearn 2010*

# Foresight

- Anticipate multiple, plausible futures (Vs Forecast)
- 5 – 25 years horizon (Vs planning)
- Accommodate uncertainty
- Action oriented (as much about the future as about the present)
- From forecasting to mission oriented (**societal goals/ challenges**)
- **Participatory: from expert based to crowdsourcing**

# Participatory foresight

Identification of issues that truly matter

Enhance quality of the analysis

Ensure ownership of findings

but:

- Participation is time and resource consuming
- Methods still require validation/improvement

*Adapted from T.Wehnert*

# CAPS for participatory foresight: rationale

- Low cost access to collaborative knowledge space
- Increase citizens participation in policy making
- Reshape innovation policy from top down to bottom up (better process)
- Boost creativity through crowd sourcing (better contents)
- Ownership, community building etc.

# CAPS for foresight: barriers and enablers

- Empowerment of civil society: promoting Vs demoting
- Reluctance of policy makers (loss of control)
- Beyond endogenous inputs from interest groups
- New perspective: from information exchange to social goods creation

# CAPS for foresight: challenges

- From private to public Web 2.0: measurability of benefits
- Engaging citizens on long term visions and objectives
- Efficiency/complexity trade-off
- Multidisciplinarity of societal goals and challenges



# FLAGSHIP

Forward Looking Driving Change

## FLAGSHIP

Forward Looking Analysis of Grand Societal Challenges and Innovative Policies





## Objectives

- **Understanding** and assessing the state of the art of forward looking methodologies and **developing** beyond state of the art tools and modelling frameworks.
- **Applying** an enhanced set of forward looking methods and tools to support EU policies, notably by analysing reference and alternative scenarios of long-term demographic, legal, economic, social and political evolutions in Europe
- Producing a **set of EU-relevant policy recommendations** on the potential of the EU for transition and change



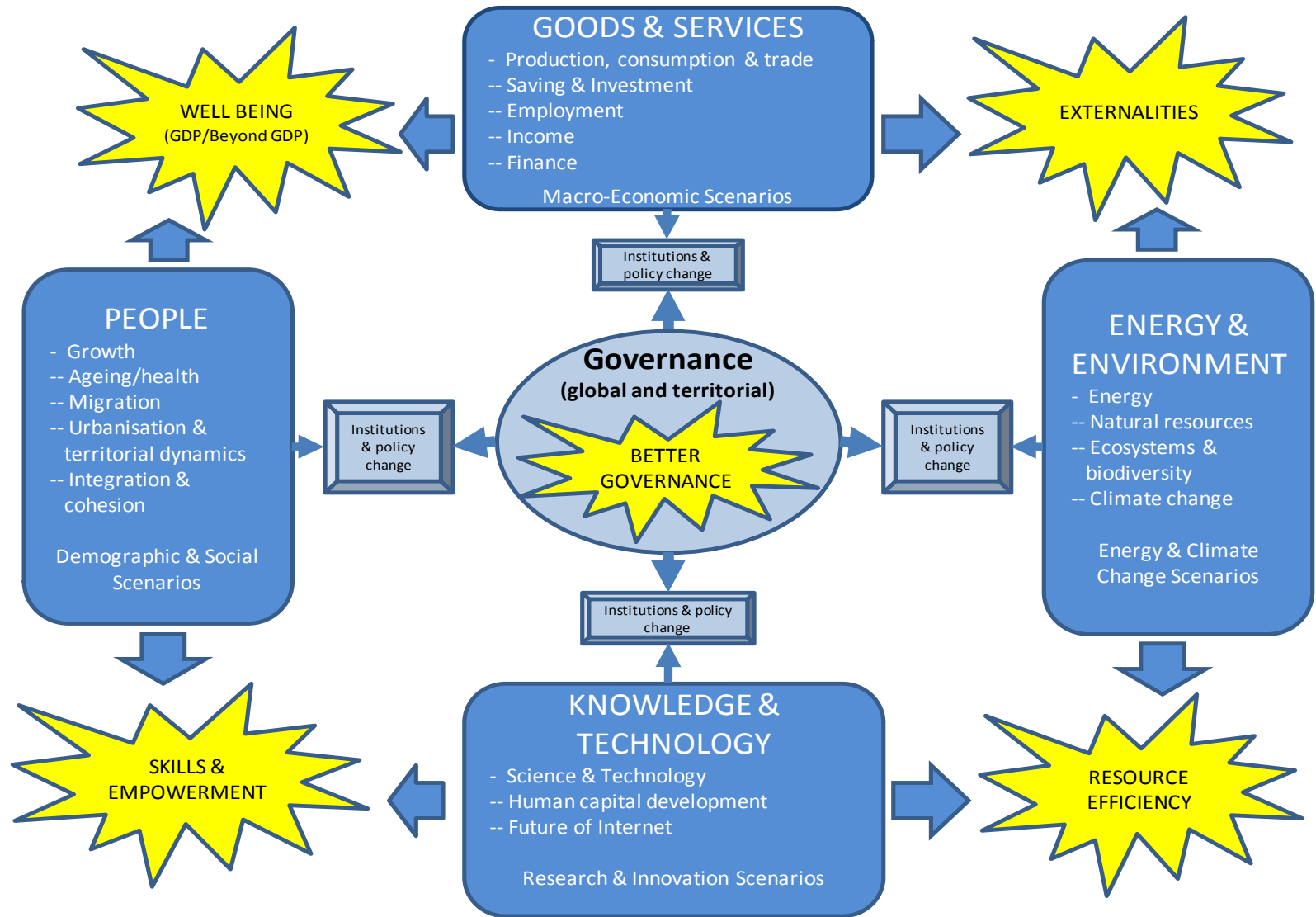
## Approach

- Driven by GSC
- Transition challenges
  - Well being
  - Externalities
  - Resource efficiency
  - Skills
  - **Governance**
- Integration of qualitative + quantitative: storylines => metamodelling/indicators => quantitative scenarios



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**Thank you**

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