



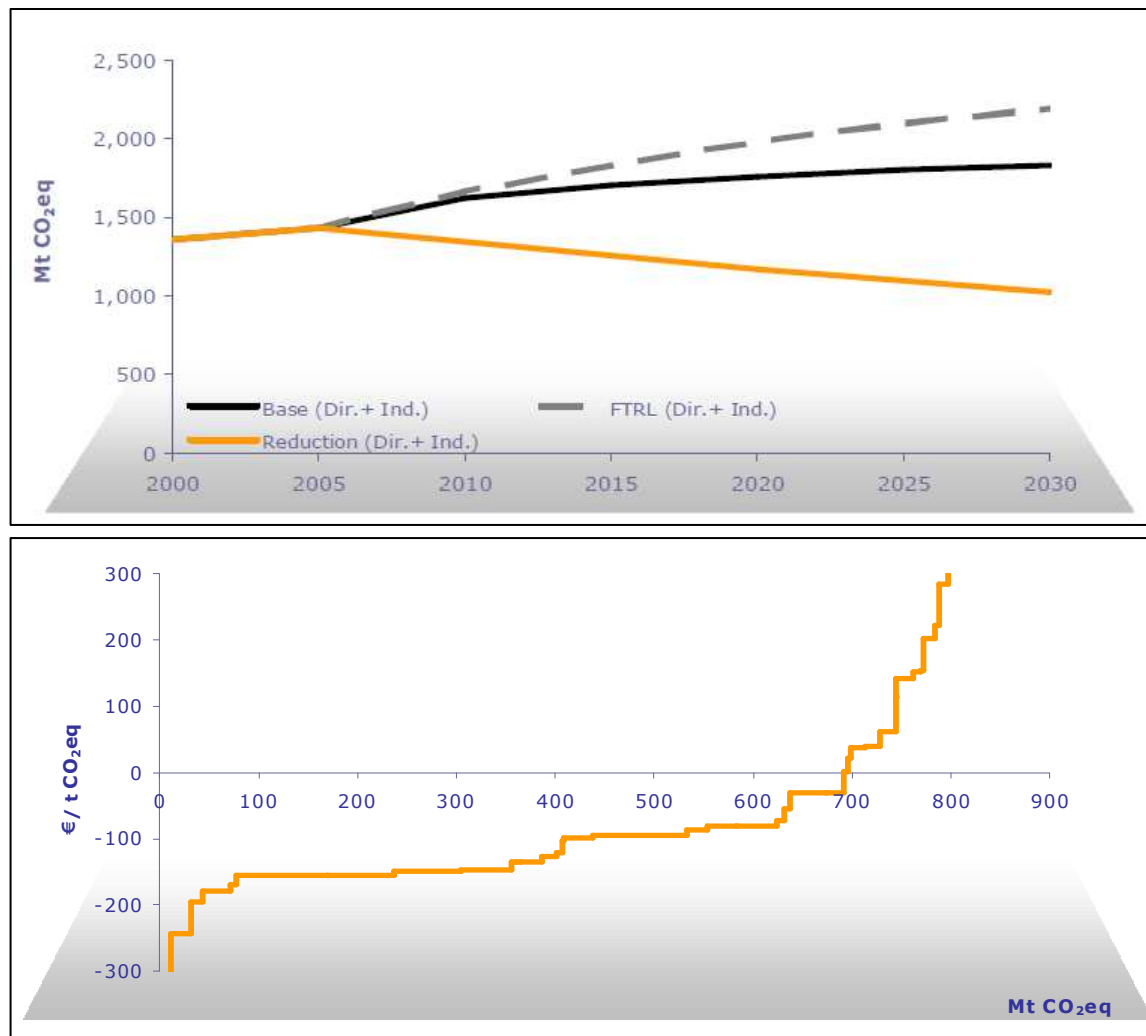
Roundtable financing buildings retrofit

Budapest, Ministry of National Development, 10.03.2011

Thomas Boermans

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The buildings sector: significant and cost effective potential



Source: Ecofys, project SERPEC-CC for European Commission DG-Environment, 2009

The (political) vision

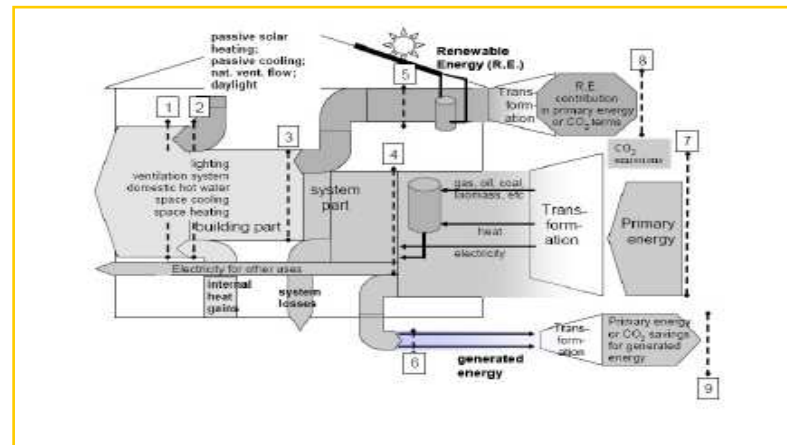
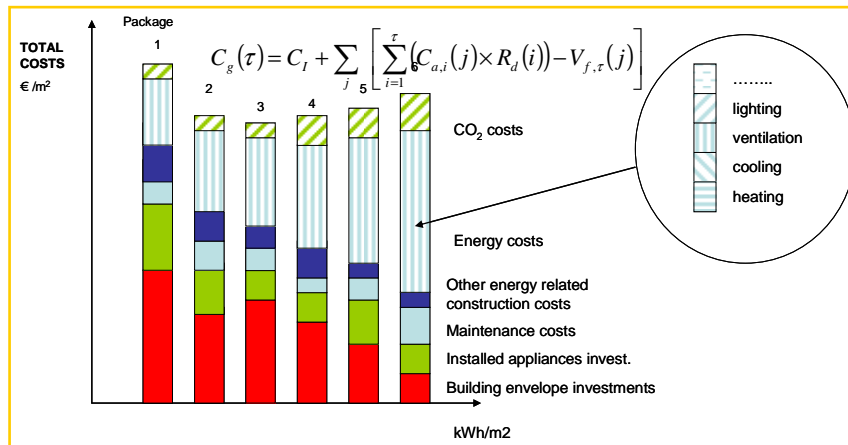


Cost optimal requirements



nearly zero energy

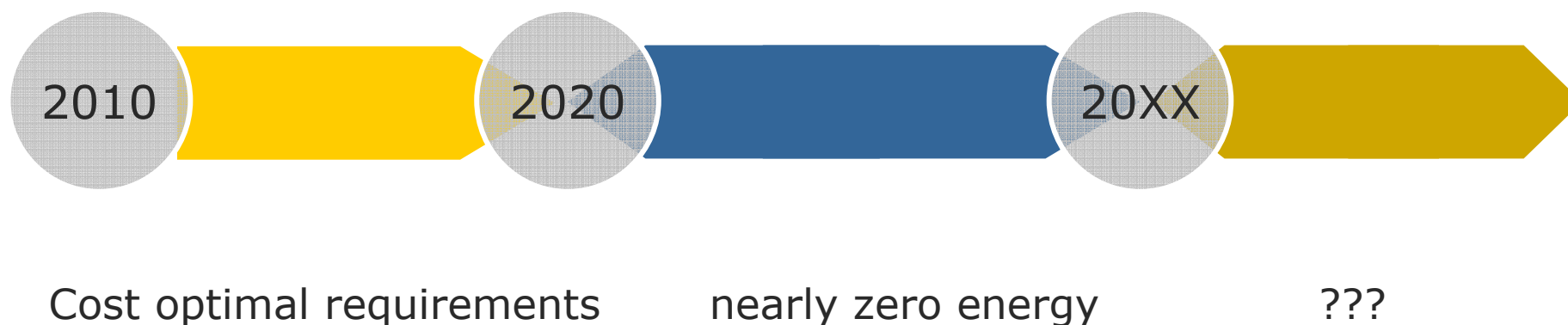
The comitology process



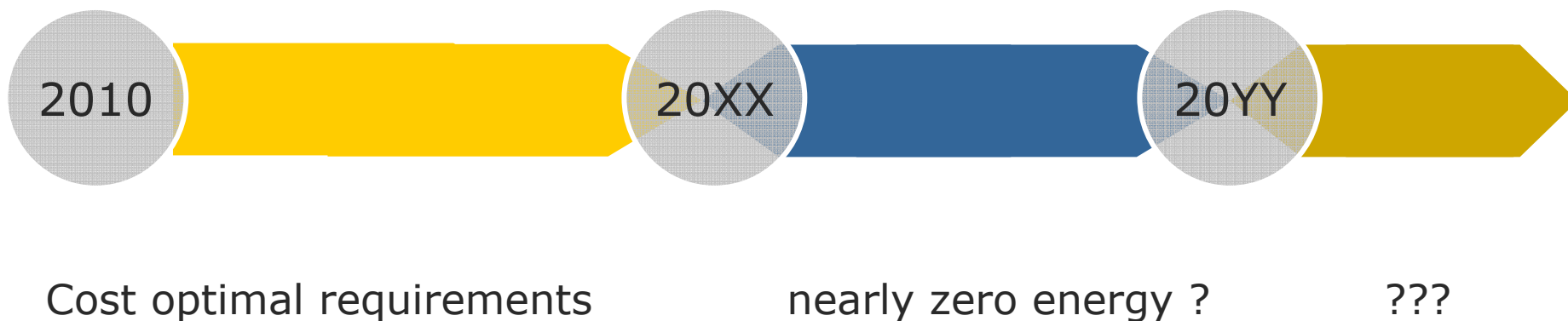
Cost optimal requirements
see www.bpie.eu/brochures.html

nearly zero energy

Timelines – new buildings



Timelines - retrofit



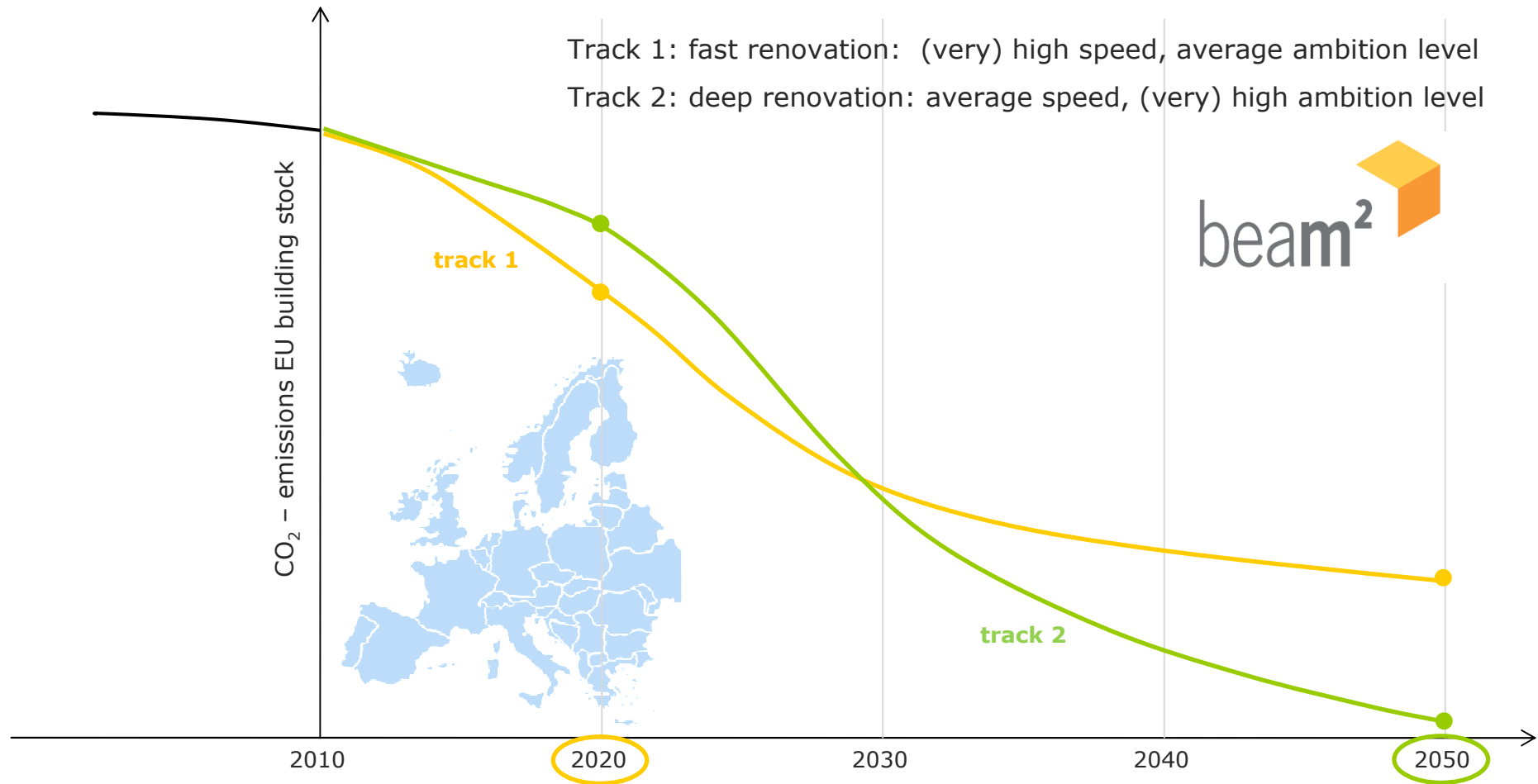
Financing retrofit – some numbers

Example for timeframe 2010 to 2020 for EU27

- Increase retrofit rate from an average 1,7 % p.a. (BAU) to 2,8%
- Improved ambition level (in the area of cost optimality)
- Estimated results*
 - Additional energy related investment: 30 billion € per year
 - Total energy related investment: 65 billion € per year
 - Total invest (energy and non-energy): 100 billion € per year (turnover building industry in 2009: 1,2 trillion EURO)
 - Negative CO₂ abatement costs

* based on research done by Ecofys in the framework of the impact assessment of the EPBD recast / energy saving action plan

Different renovation tracks – indicative only



Enabling factors for retrofit (examples)

Political/Legal

- review (EU/national) definitions of major renovation, see www.eceee.org/press/Extending_EE_requirements/
- define ambition level for turning existing buildings into nearly zero energy buildings
- secure balance of interests in investor user conflict

Financial/fiscal

- provide soft loans at reduced interest rates and longer loan duration (e.g. 20 years, state guarantees)
- fiscal instruments (e.g. reduced VAT)

Information

- information/realisation campaigns
- ensure proper training and capacity building

For further information please contact

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