



Mid-term conference 2019

EUKI-project:

Climate investment capacity (CIC): climate finance dynamics & structure for financing the 2030 targets

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Independent consulting working for the EUKI-Project,
implemented by IKEM, Berlin.

Supported by:



based on a decision of the German Bundestag

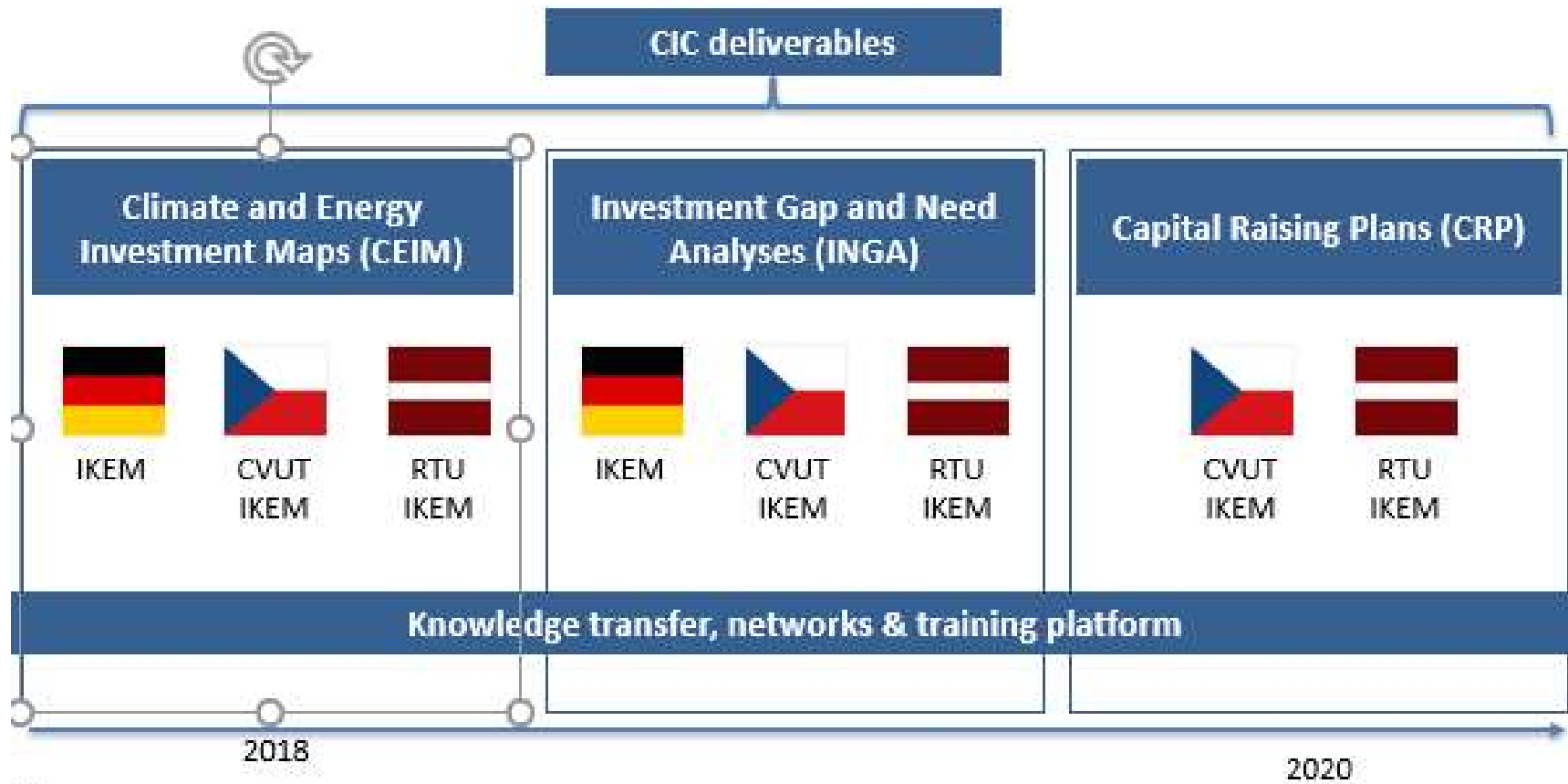


Rational for the EUKI project

- Implementing the ‘Clean Energy for All Europeans’ package requires an approx. €11.2 trillion (2021-2030)
- EU Member States have to design national energy and climate plans (NECP)
- To address the investment challenge, the Regulation requires from MS to include in their NECPs:
 - an estimate of the investment needs to meet the targets
 - an assessment of the sources
 - how MS will mobilize the financing.

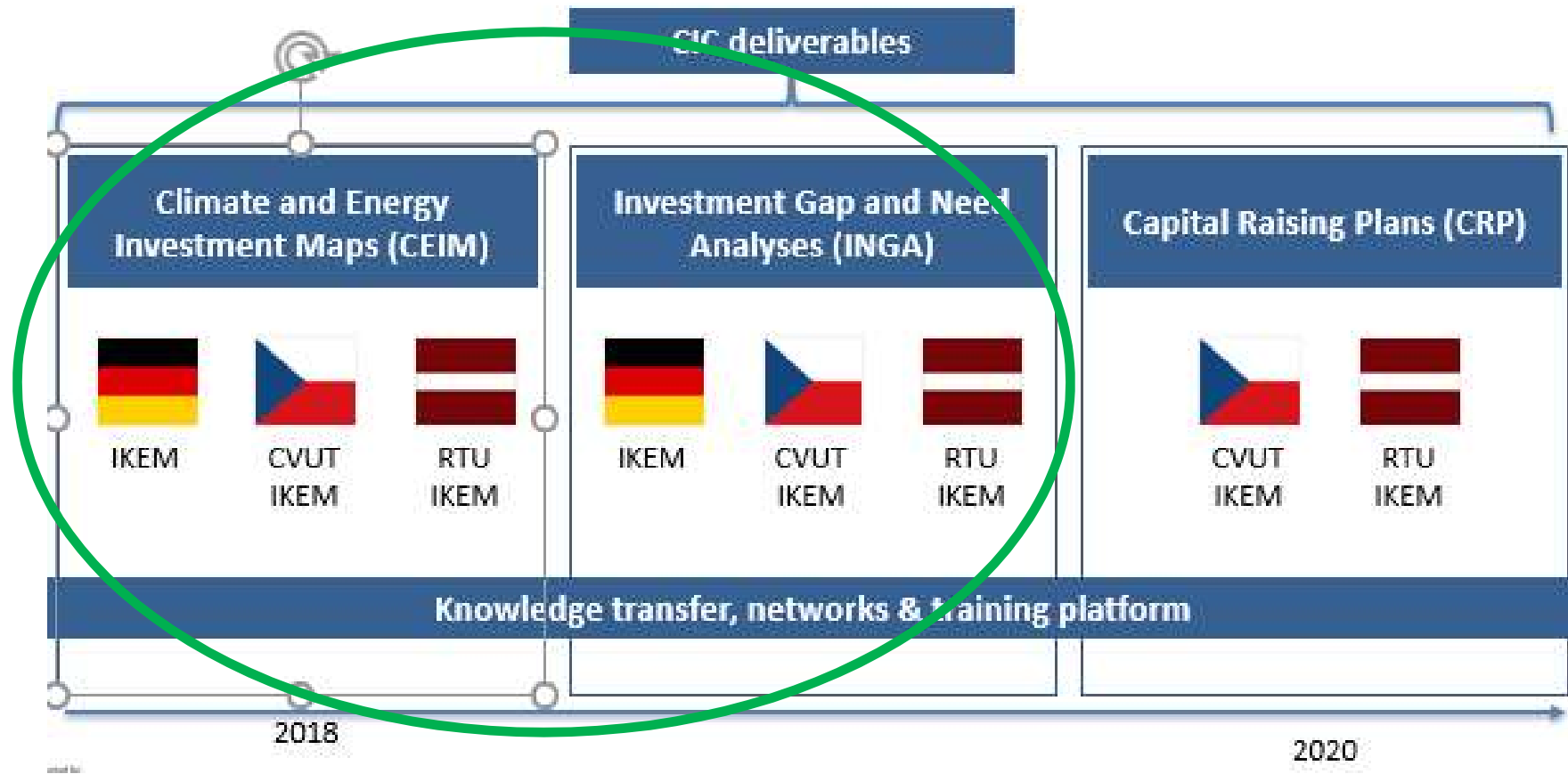
EUKI-Project overview

Climate investment capacity (CIC): climate finance dynamics & structure for financing the 2030 targets

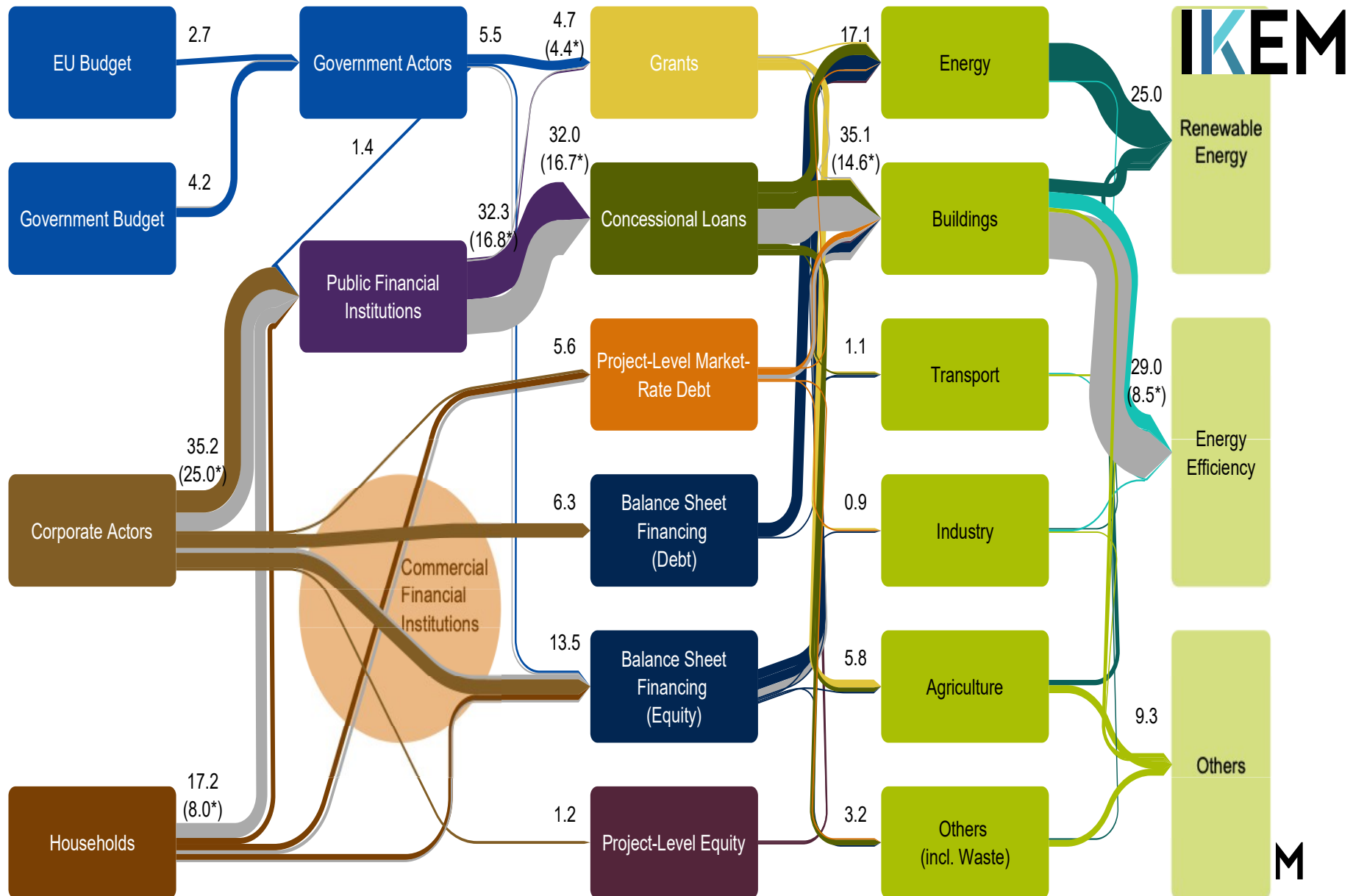


EUKI-Project overview

Climate investment capacity (CIC): climate finance dynamics & structure for financing the 2030 targets



The 2016 Climate and Energy Investment Map for Germany (billion EUR)



based on a decision of the German Bundestag



Investment Needs and Gap analysis, Germany

Models used in selected studies and their main results

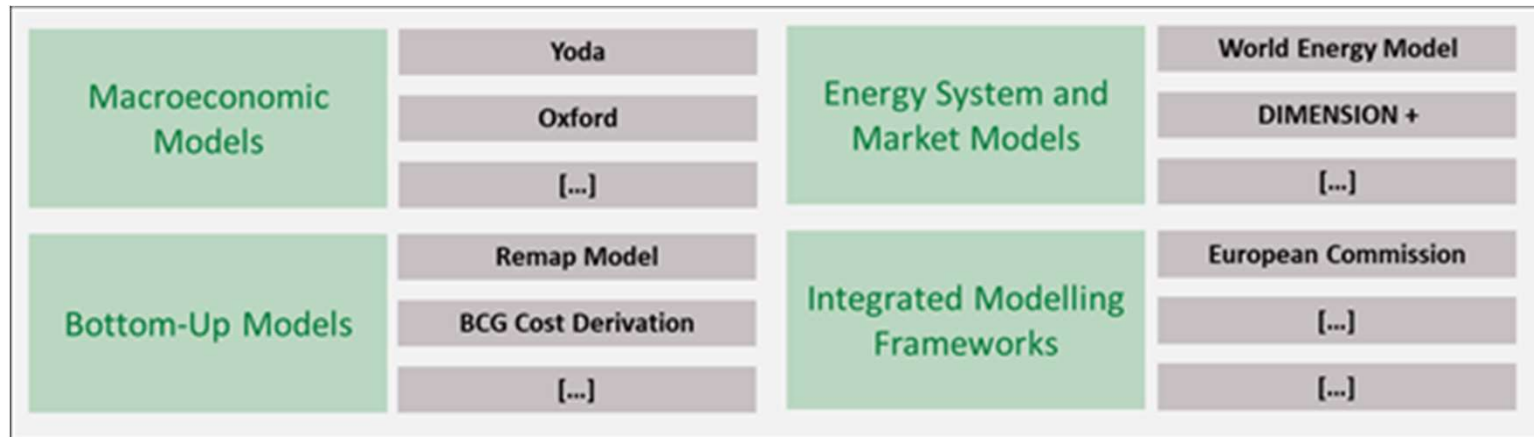


Figure 2 - Model Families

Investment Needs and Gap analysis, Germany

Models used in selected studies and their main results

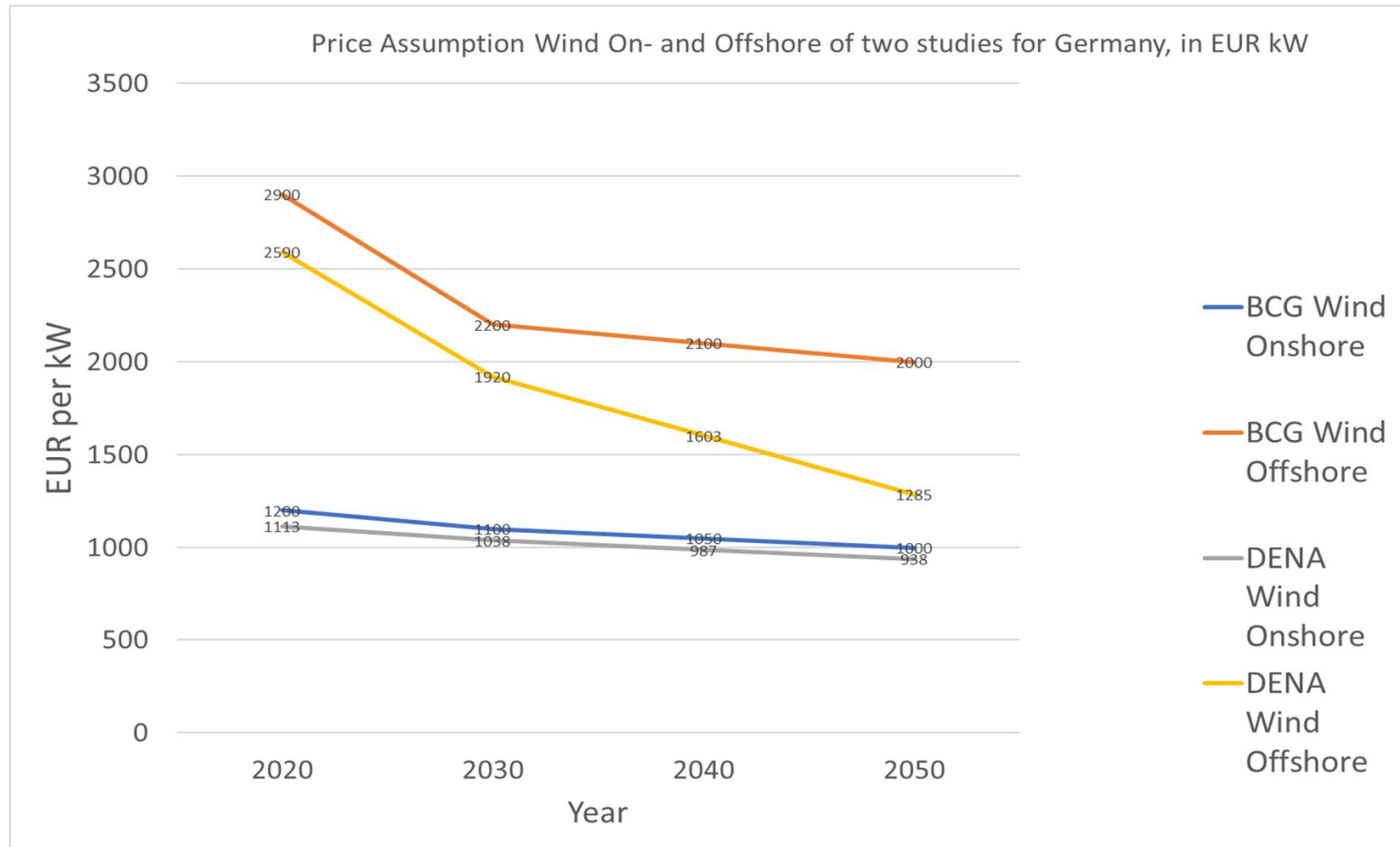
| ID | Study | Investment Needs p.a. | | Reference |
|------------------------------|--------------------------------|-----------------------|-----------|---------------|
| | | Min. Bn € | Max. Bn € | GHG reduction |
| 2050 – 80 % targets | | | | |
| 1 | DENA | +33.3 | +54.6 | -62% |
| 2 | BCG | +28.6 | | -61% |
| 3 | Fraunhofer-ISE | +24.9 | +38.4 | Not stated |
| 2050 – 90/95% targets | | | | |
| 1 | DENA | +34.3 | +58.3 | -62% |
| 2 | BCG | +50.6 | | -61% |
| 3 | Fraunhofer-ISE | +49.6 | | Not stated |
| 2030 – 55% targets | | | | |
| 4 | Prognos | +20.0. | +22.5 | -35% |

**24,9 billion
EUR p.a.**

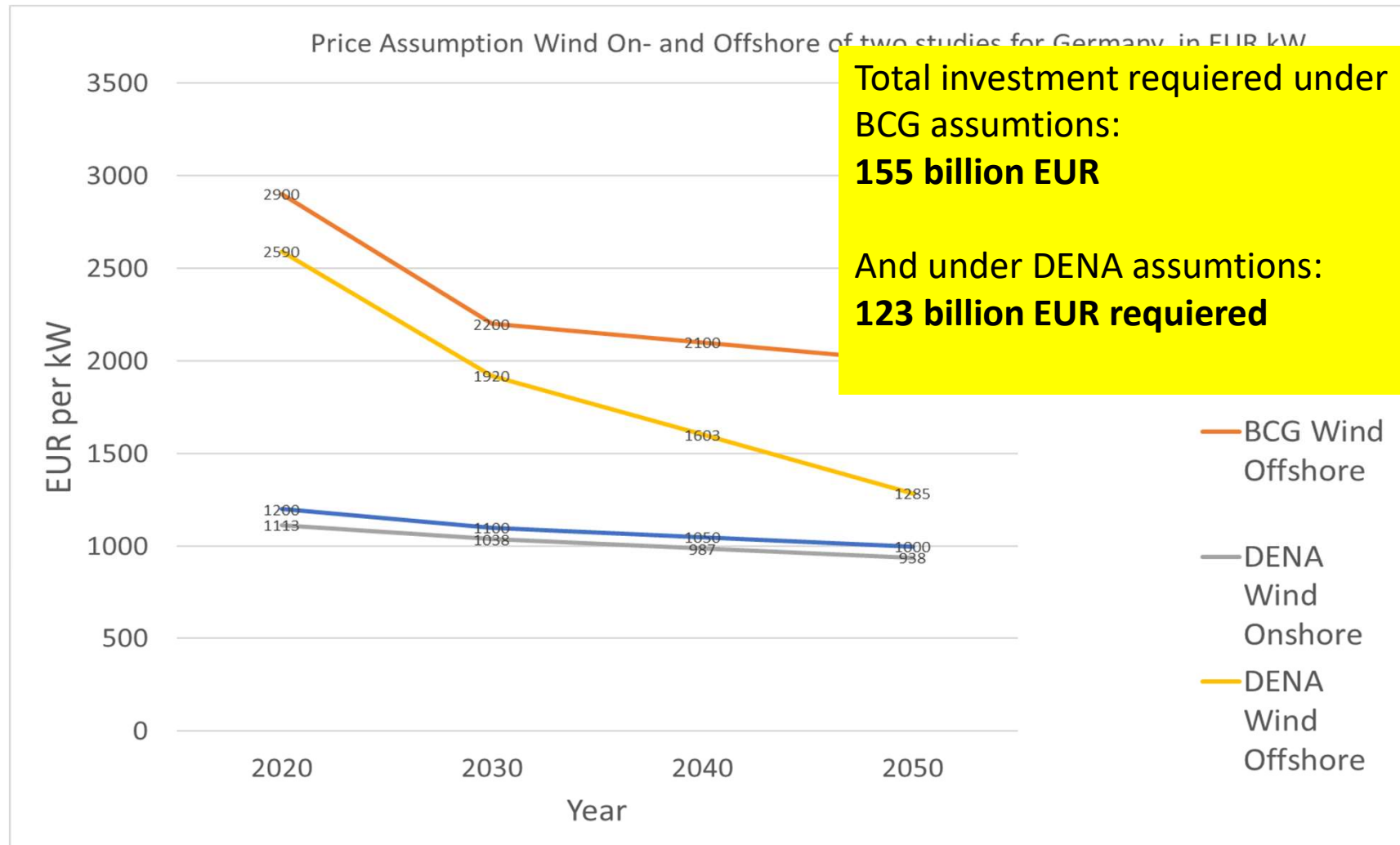


**54,6 billion
EUR p.a.**

Models: different Assumptions...



...lead to different results



Lessons learned until now

- Broad interest in results of the EUKI project
- Landscape & Capital Raising Strategies highest demand
- Relevant work for NECP process
- Learning process for all partners involved.

Thank you!

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