



# CBR ROUND 2 ENGAGEMENT: SESSION 2: ENERGY INTENSIVE INDUSTRY



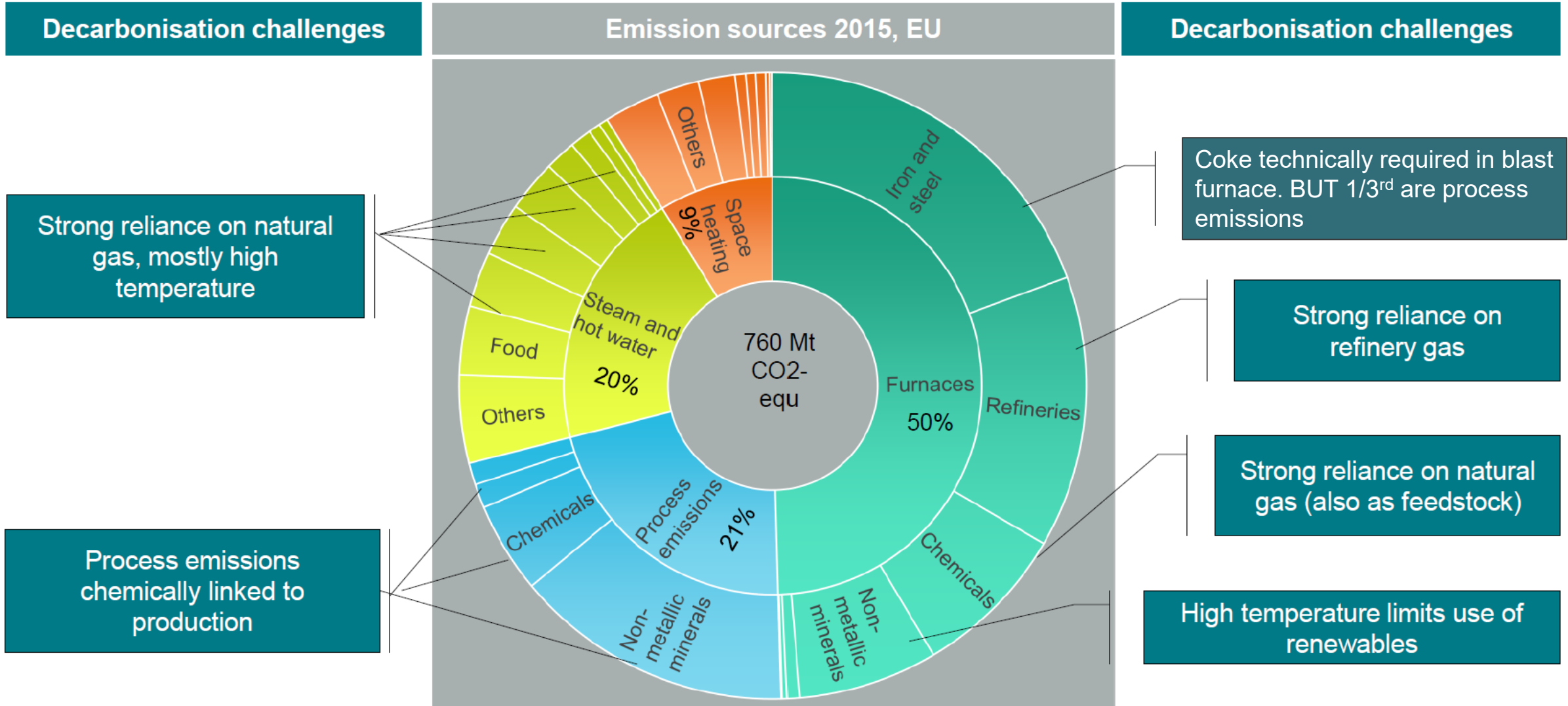
European  
Investment  
Bank

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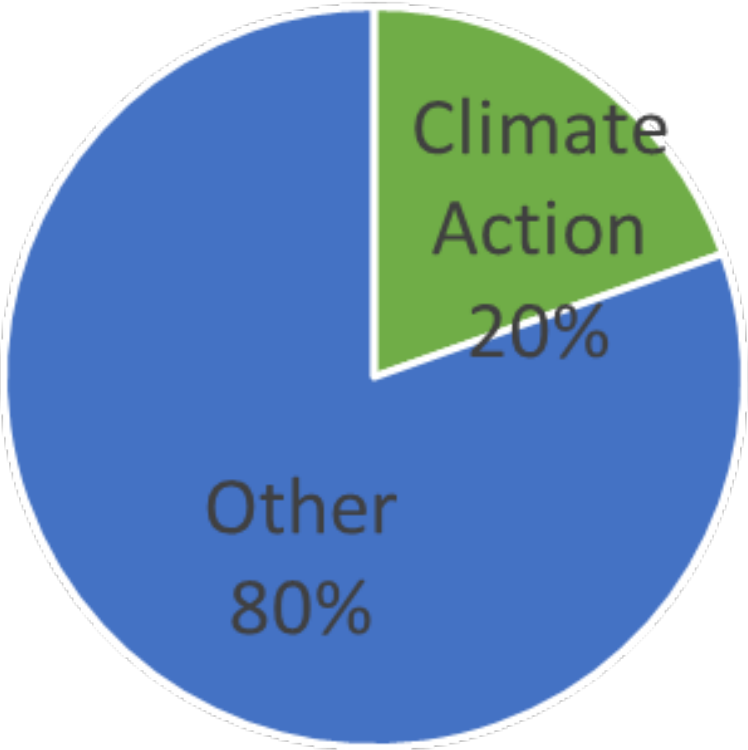
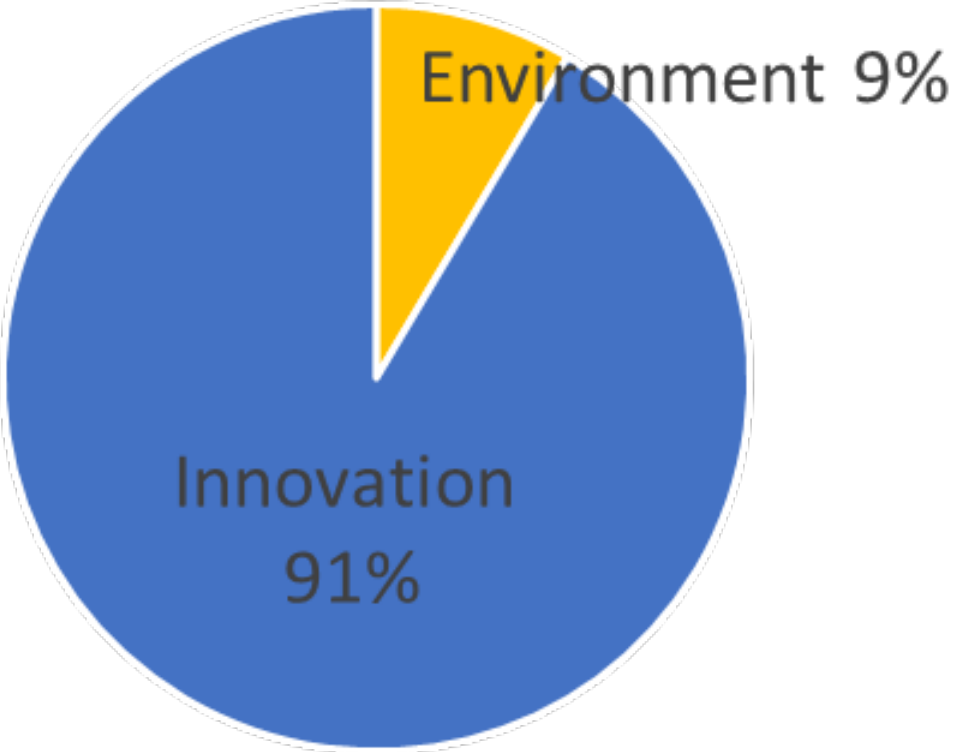
EUROPEAN  
INVESTMENT  
FUND

# 1. The GHG challenge










# 2. Contribution of the EIB Group

*EII lending to industry 2017 – 2019 – contribution to EIB objectives*



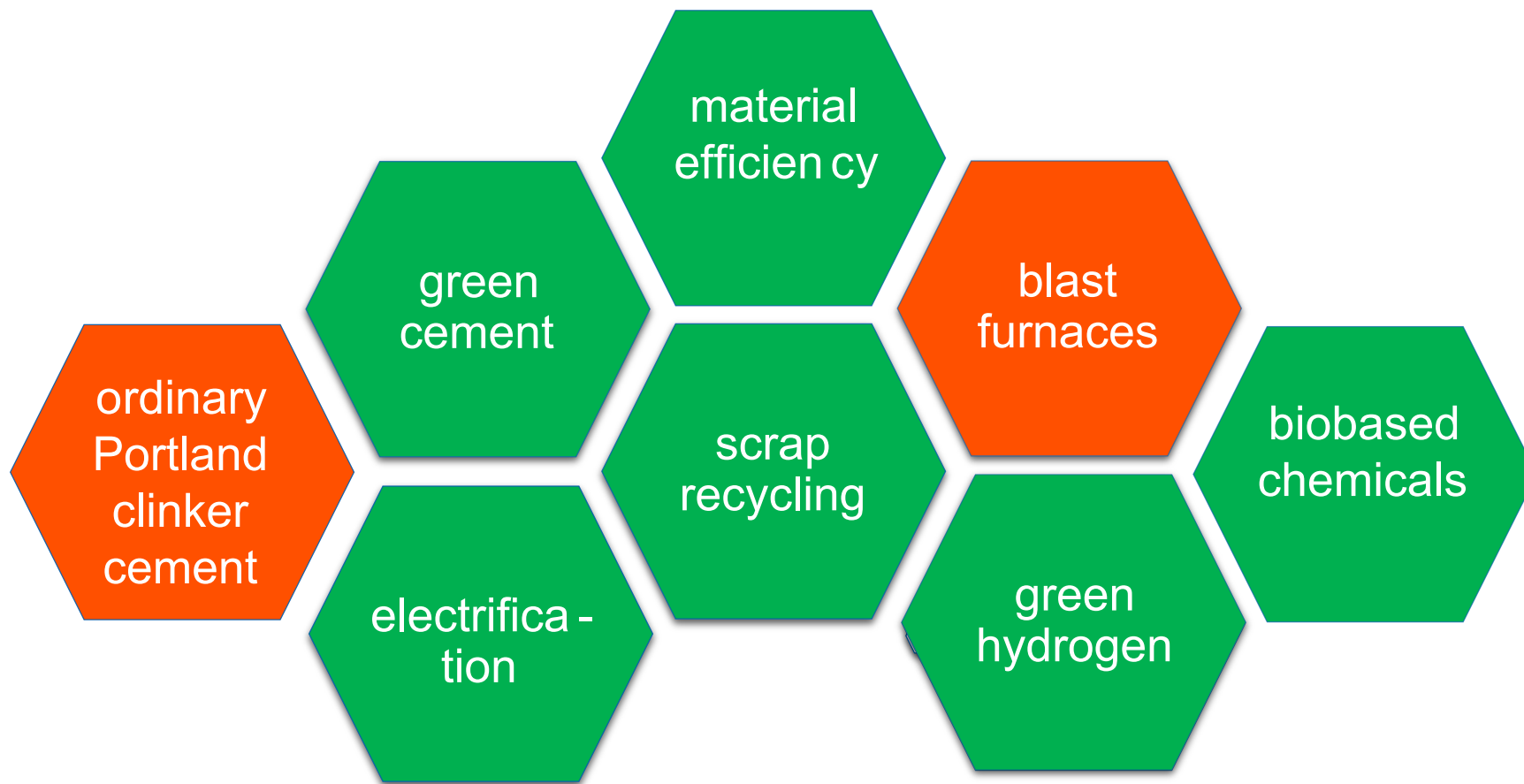
# 3. How to ensure consistency with low carbon goals?

## Alignment with decarbonisation roadmaps

 <p><b>Demand-side measures</b></p> <p>Lower the demand for primary resources by increasing circularity (reuse, recycling, or replacement of products)</p>	 <p><b>Energy efficiency</b></p> <p>Adapt production equipment to lower energy use per produced volume</p>	 <p><b>Electrification of heat</b></p> <p>Replace fossil fuel for heating with renewable electricity, e.g., in ethylene production</p>	 <p><b>Hydrogen as fuel or feedstock</b></p> <p>Replace feedstock or fuel with carbon neutral hydrogen, e.g., in ammonia production</p>
 <p><b>Biomass as fuel or feedstock</b></p> <p>Replace feedstock or fuel with sustainably produced biomass to reduce CO<sub>2</sub> emissions, e.g., use bio-based feedstock in chemicals production</p>	 <p><b>CCS/CCU</b></p> <p>Capture the CO<sub>2</sub> emitted and store (CCS) or use (CCU)</p>	 <p><b>Other innovation</b></p> <ul style="list-style-type: none"><li>▪ Innovative processes, e.g., electrochemical production process</li><li>▪ Non-fossil fuel feedstock change, e.g., change in cement feedstock</li></ul>	

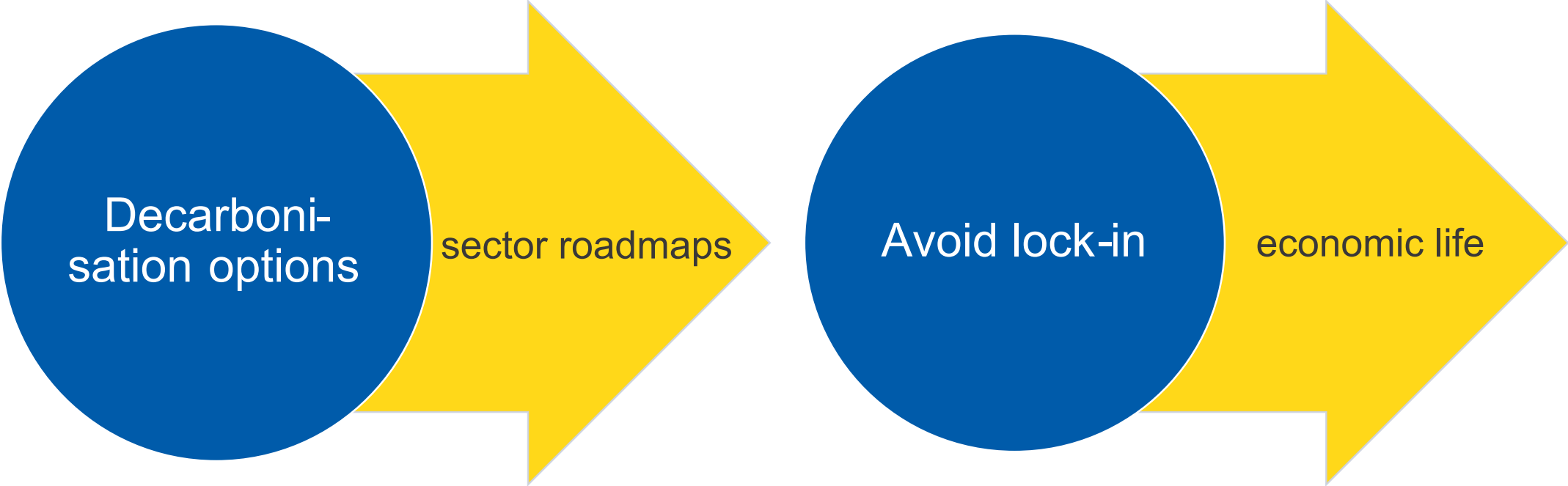
## 4. Reactions from R1

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# 5. Possible future focus of the EIB Group

*Key principles*



# 6. Questions for the session

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New industrial capacity?

Key principles?

Outside EU?