

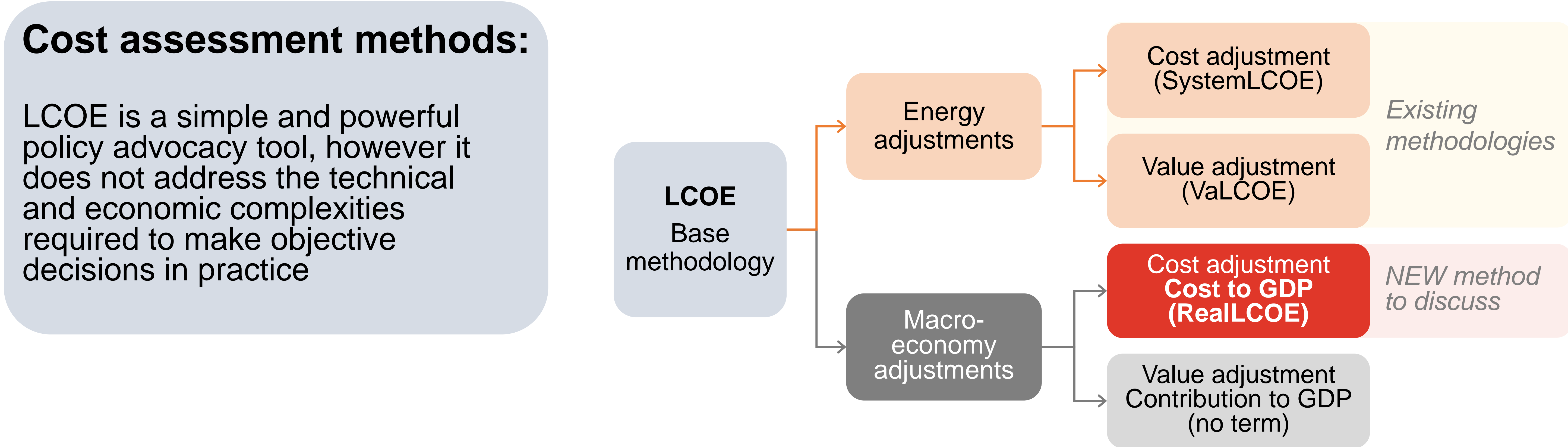
# Extended assessment of nuclear and alternative electricity generating technologies based on their impact on national GDP (Cost-to-GDP concept)

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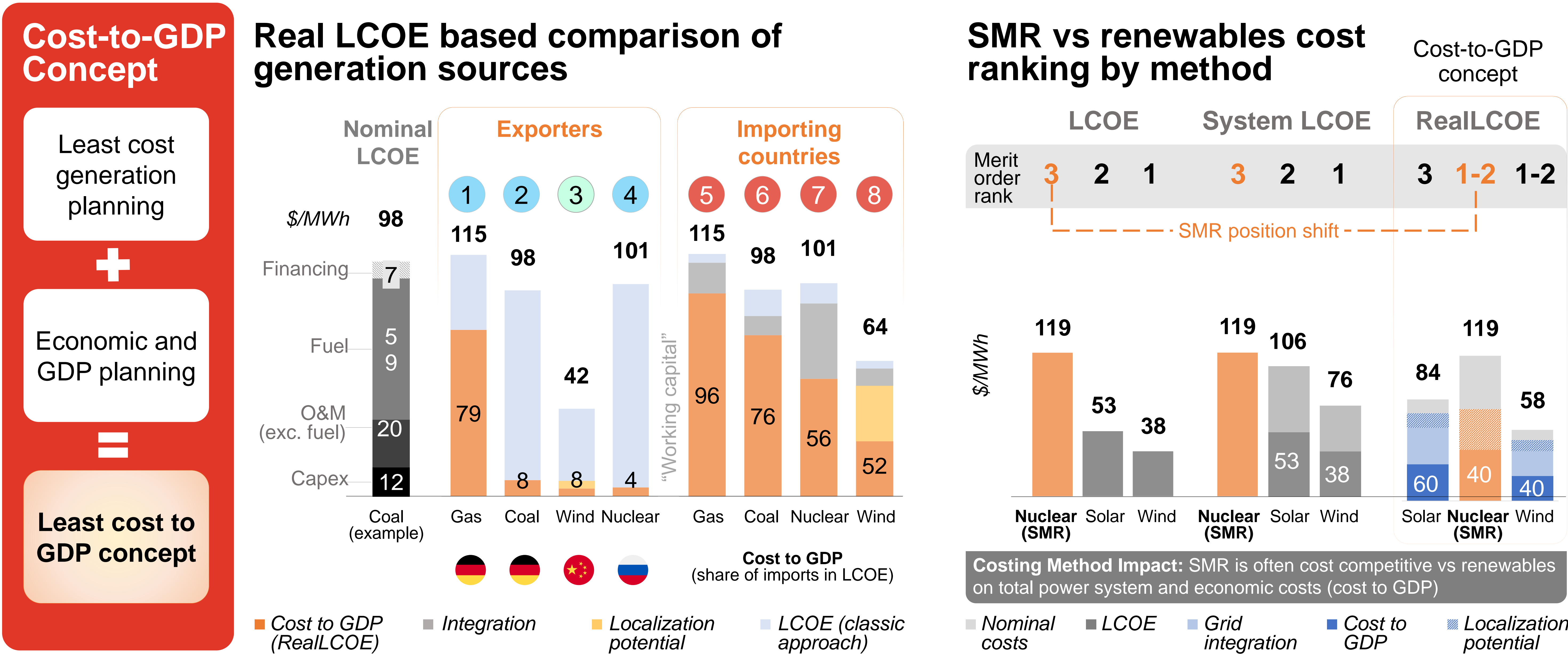
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## INTRODUCTION: LCOE LIMITATIONS AND METHOD EXTENSIONS

### Existing and proposed LCOE-based approaches

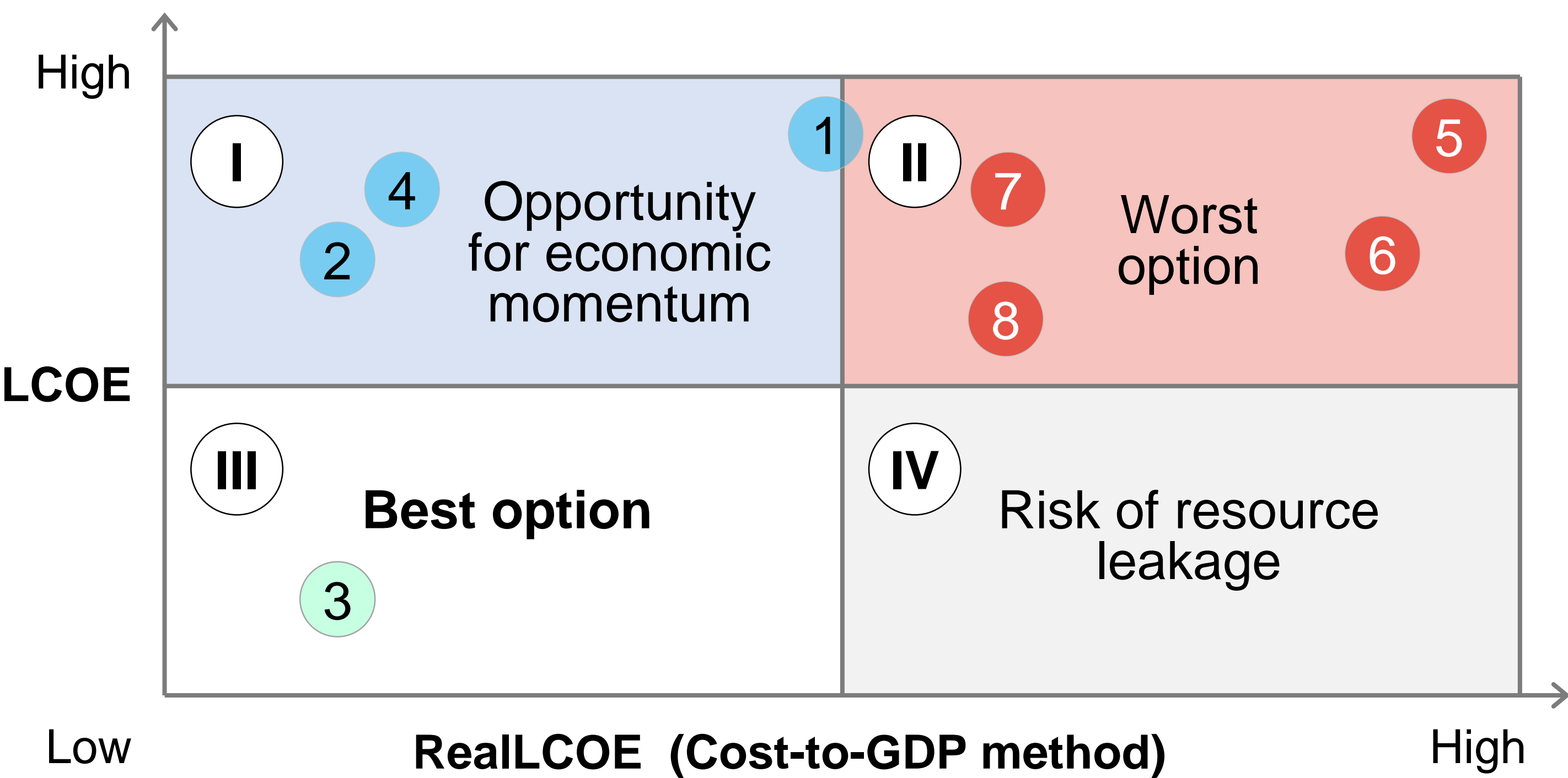


## COST-TO-GDP CONCEPT (REAL LCOE)



## CONCLUSIONS: REAL LCOE APPLICABILITY

### Classification of technology applicability options depending on the LCOE and RealLCOE estimates



**Cost-to-GDP approach (RealLCOE):**  
  
Objectively takes into account the **costs to the economy**:

- technology expenditures
- integration costs
- the share of local content

- Provides adequate results according to the specifics of developing countries
- Easy to implement for complex systems
- Easy to communicate with decision makers

