



PBL Netherlands Environmental
Assessment Agency

Climate action outside the UNFCCC

PBL Study (2015)

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Assessment of international cooperative initiatives (ICIs)

■ **Main questions**

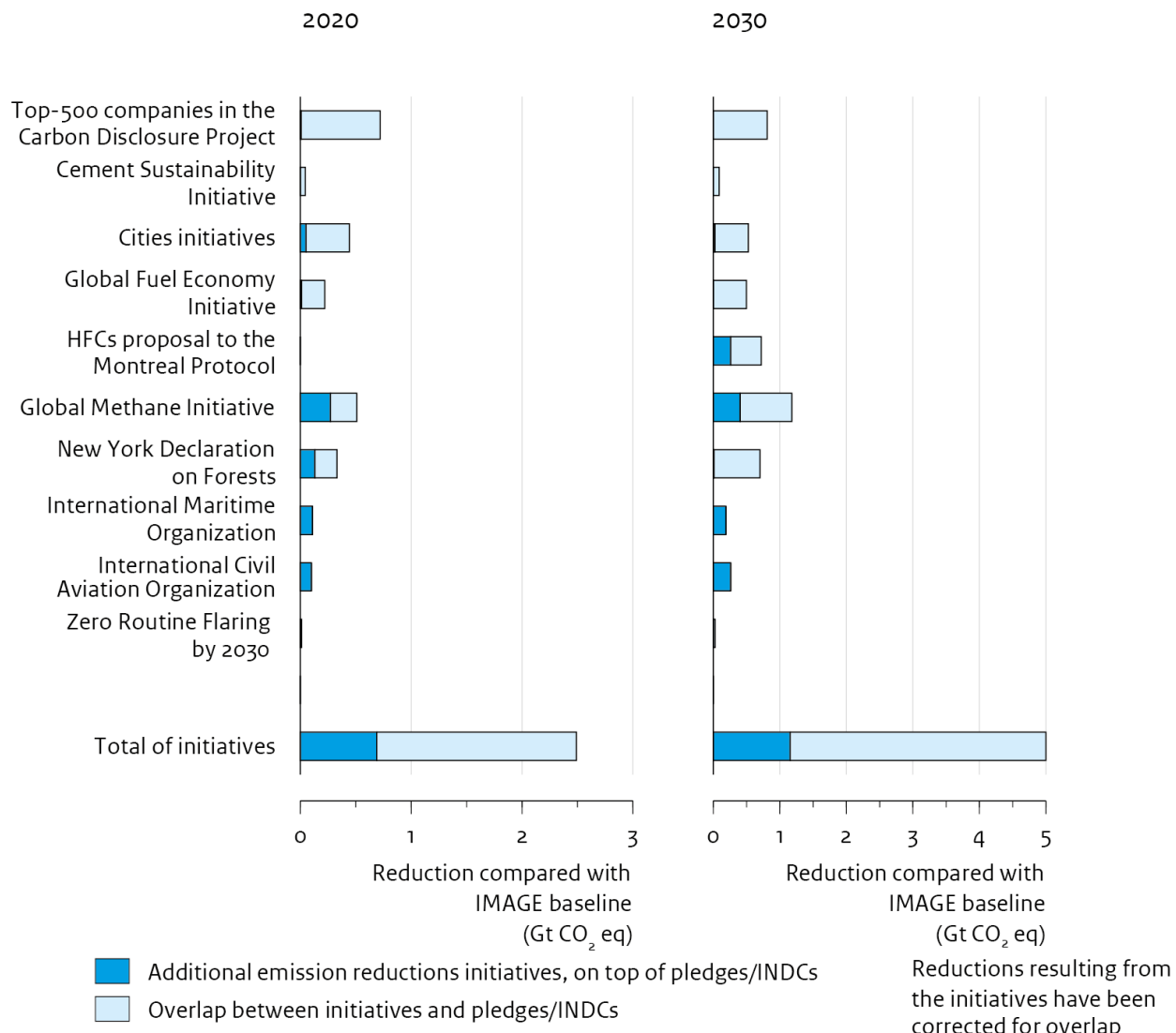
- What is the impact of international initiatives on global GHG emission reductions?
- How much is this impact additional to the impact of pledges/INDCs?

■ **Methodology**

- International cooperative initiatives (ICIs) implement climate policies outside UNFCCC (cut-off date 1 May 2015)
- Selected ICIs deliver on their commitments
- Baseline GHG emission projections from TIMER, FAIR and IMAGE* models, which do not include new climate policies
- Use global aggregated targets for each initiative (based on literature)  implemented in the PBL models
- Extends analysis to 2030, extrapolate targets if necessary

11 large ICIs

- Projected to result in reductions from baseline
 - 2.5 GtCO₂e by 2020
 - 5.0 GtCO₂e by 2030
- Small overlap between initiatives (0.2-0.3 GtCO₂e)



Source: PBL

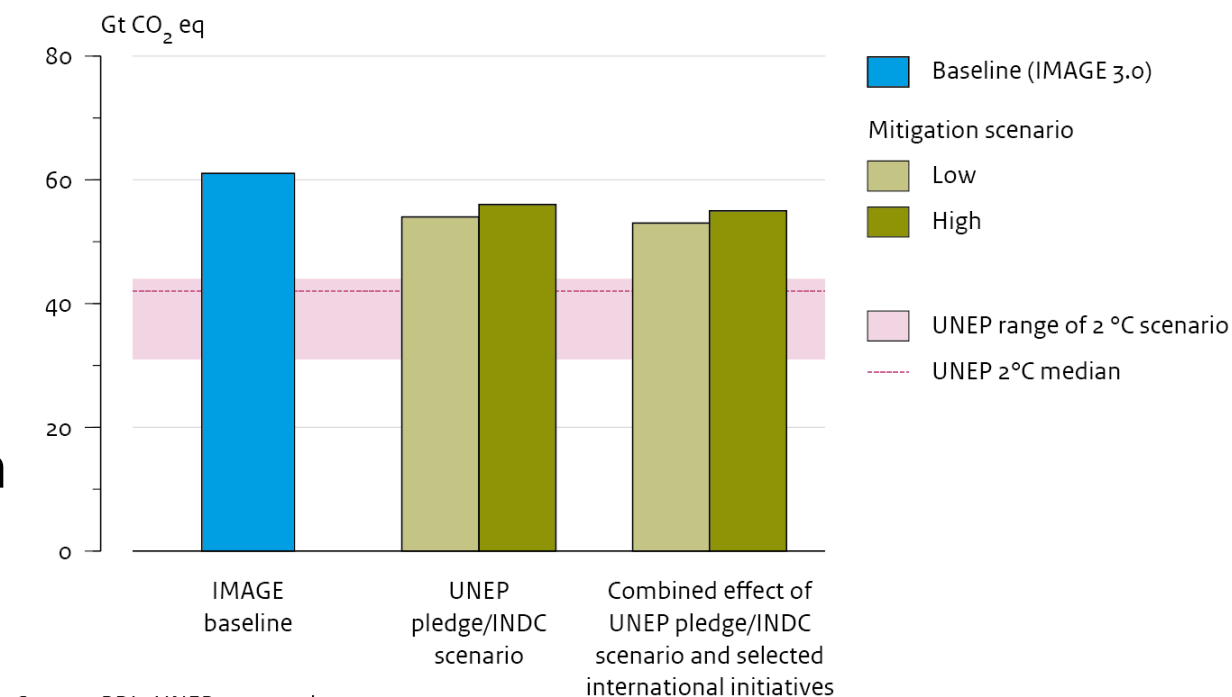


Overlap between ICIs and pledges/INDCs

- Maximum estimate: ICIs do not lead to additional reductions
 - in countries that submitted pledges or INDcs
 - provided that these occur in sectors that are included in the pledges/INDCs and cover the same greenhouse gases
- ICI could be more ambitious than pledge/INDC commitments
- Main questions:
 - What do national governments do if non-actors are more ambitious?
 - › Reduce less GHG emissions in other sectors?
 - › Keep same effort
 - What is the projected reduction of non-state actors not part of ICIs?
 - What is the role of ICIs?
 - › Additional climate action to national level
 - › Accelerate action / effective implementation

Accounting for overlap

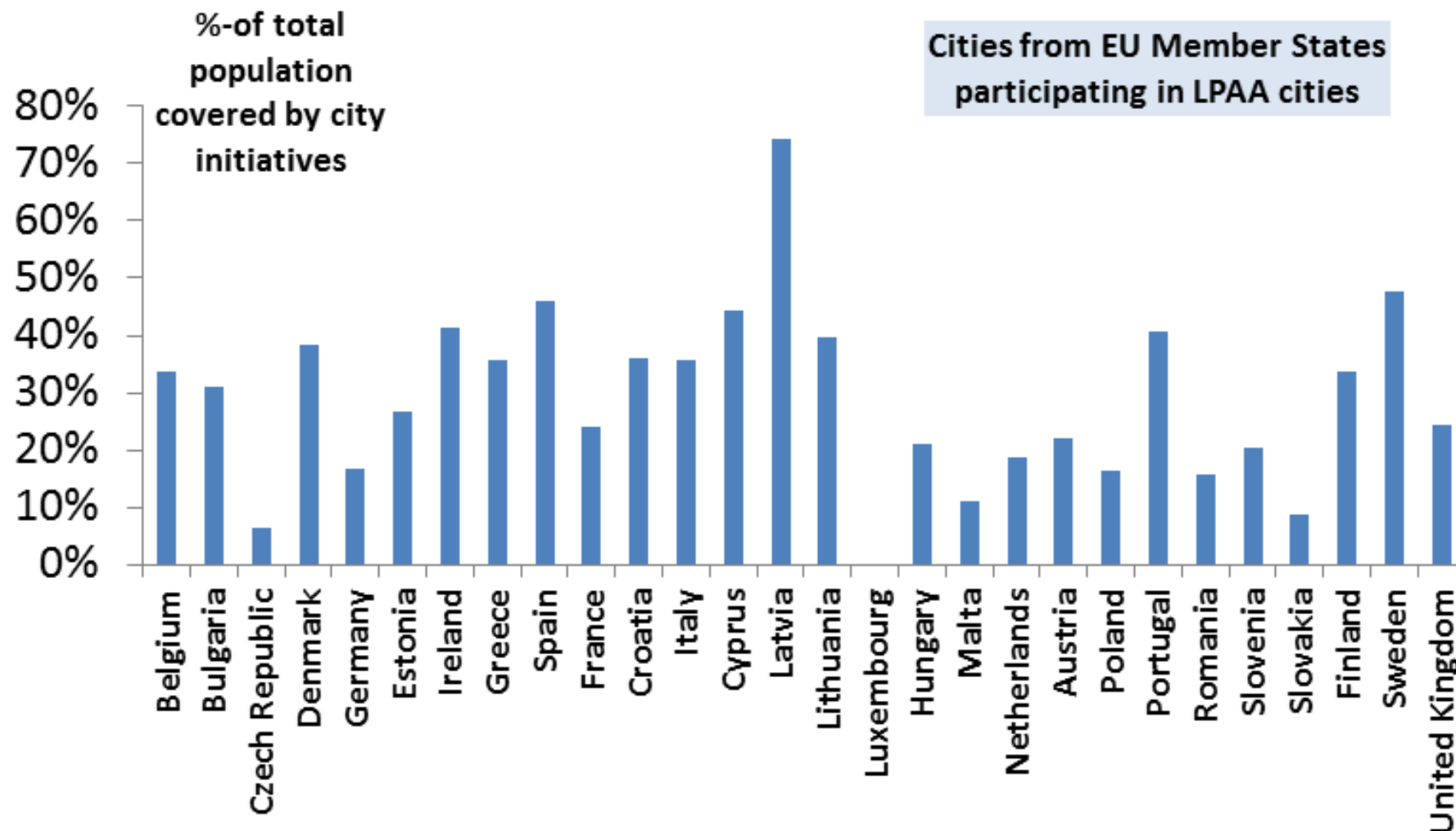
- Largest additionality from
 - Global Methane Initiative
 - HFC proposal
- Conservative projection of additional reductions to pledges/INDCs
 - 0.7 GtCO₂e by 2020
 - 1.2 GtCO₂e by 2030



Source: PBL; UNEP 2014 and 2015



Next steps: more country/region detail





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THANK YOU