

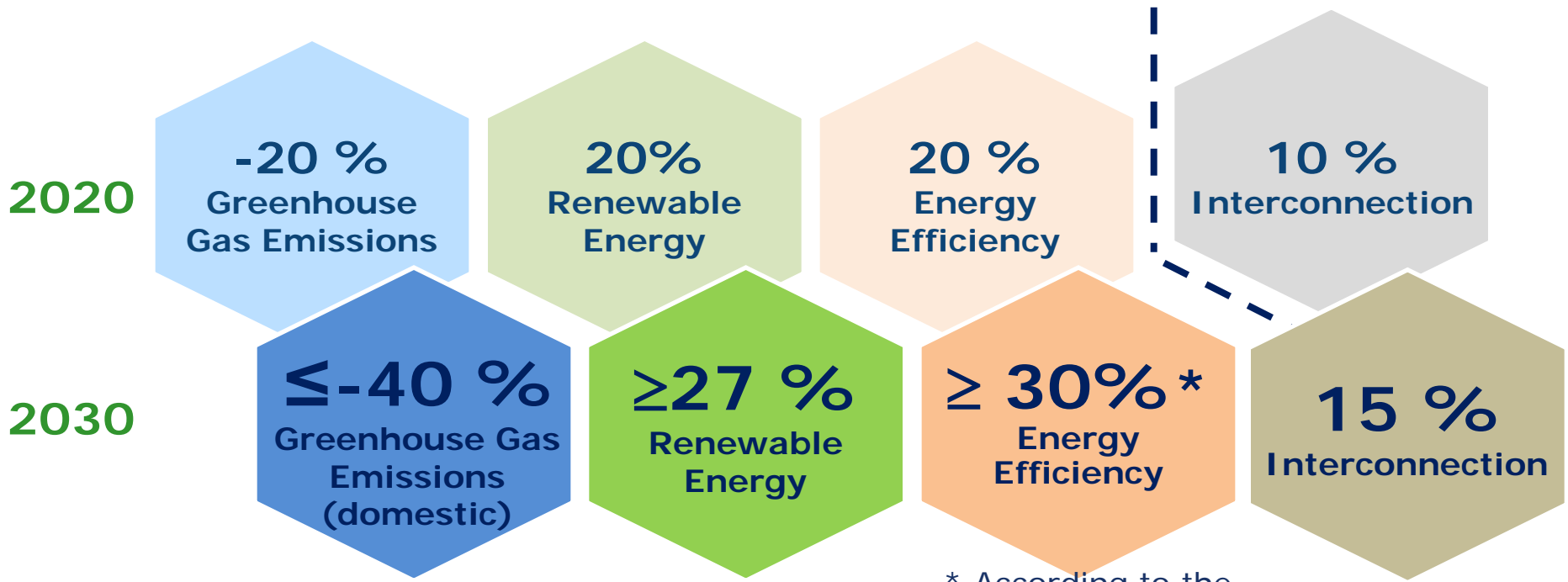


How can public policy makers decide on what projects to support?

Climate Friendly Materials Platform
Berlin, October 20th 2017
Roman Doubrava
European Commission



October 2014 **European Council** agreed headline targets of the 2030 climate and energy framework

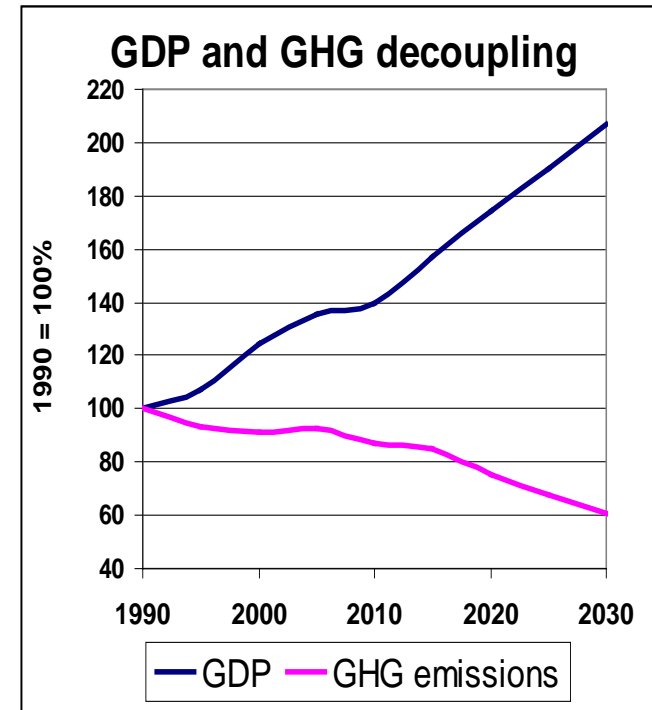
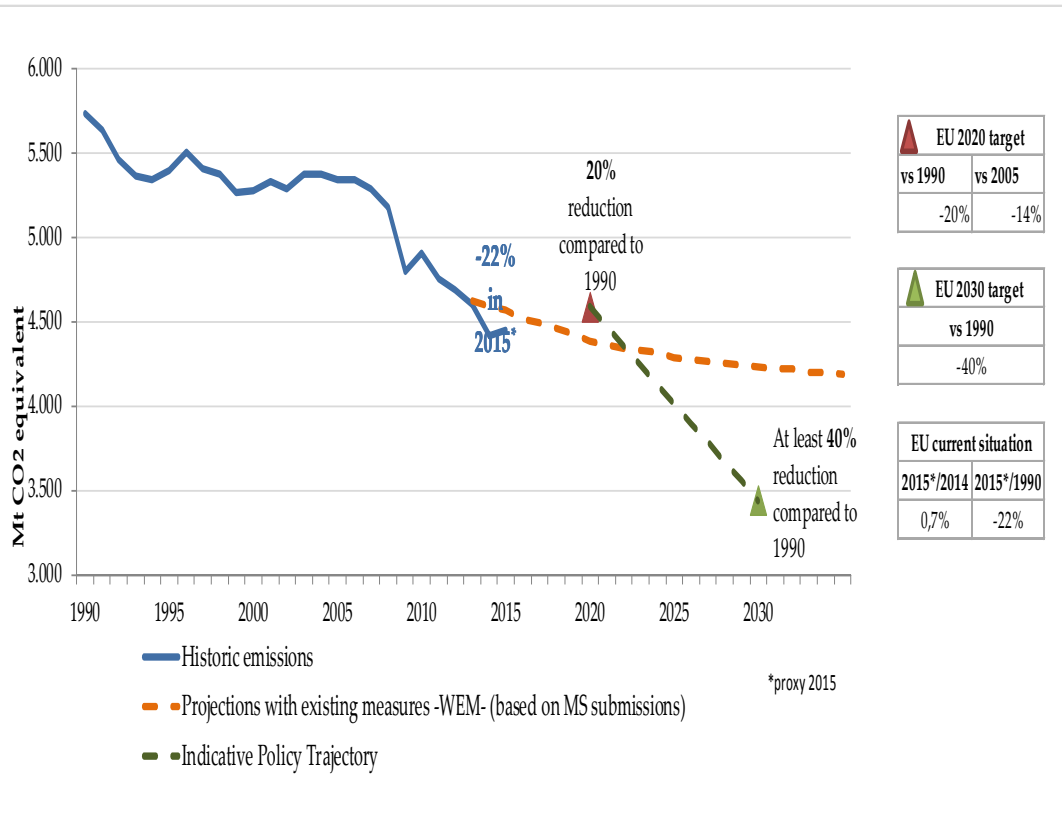


* According to the new Directive proposal

Energy Union governance

Climate Action

The development of EU GHG emissions since 1990, future projections until 2030



NER300

- *One of world's largest funding programmes for **innovative low-carbon energy** demonstration projects*
- *Funded through the EU emissions trading system: **€2.1 billion***
- ***39 projects** selected in two calls (December 2012 and in July 2014)*

How were projects selected

1. Eligibility check by Member States:

- ✓ *Fit within a technology category*
- ✓ *Projects must be innovative in nature*
- ✓ *Compliance with capacity thresholds*
- ✓ *Reasonable expectation of entry into operation by relevant date*
- ✓ *All relevant permits in place or sufficiently advanced*
- ✓ *Agreement on sharing knowledge*

How were projects selected

Eligibility check followed by:

2. Assessment of technical and economic feasibility by the EIB on behalf of the Commission

3. Ranking of projects based on least Cost Per Unit Performance (CPUP)

How were projects selected

Adjustment of the technological and geographical representation of projects:

- **Max. 3 projects per Member State; transboundary projects do not count**
- **Technological spread ensured by:**
 - selecting a project in each RES sub-category first (second ranked projects if funds allow)
 - specific portfolio rules for CCS projects

ME **NER 300** | **WIND ENERGY**

Project	Windpark Blaiken, SE
Date of entry into operation	01/01/2015
Maximum NER 300 funding	€ 15,000,000
Description	<ul style="list-style-type: none">✓ 100 turbine with anti-icing technology in a remote area with arctic climate✓ The ice and low temperatures make construction, transportation and operations challenging



Project

Best, IT

**Date of
entry into
operation**

01/06/2013

**Maximum
NER 300
funding**

€ 28,430,147

Description

- ✓ Conversion of lignocellulosic biomass into ethanol
- ✓ Selected agronomic residues and energy crops
- ✓ Production capacity is 51 MI/y (40,000 t/y)



Project	Verbiostraw, DE
Date of entry into operation	03/01/2014
Maximum NER 300 funding	€ 22,272,049
Description	<ul style="list-style-type: none">✓ 100% straw biogas plant with 16.5 MW nominal capacity✓ Biogas cleaned and fed into the gas grid✓ Straw residues used as bio fertilizers



Innovation Fund: consultation roundtable conclusions

- *No shortage of low-carbon solutions*
 - **85 pathways & technologies identified, many of them cross-sectoral**
- *Markets, technologies and investments evolve*
 - **definition of eligible technologies**
- *Cross-sectorial cooperation for new value chains*
 - **CCS infrastructure, Hydrogen, Energy Storage or Integration of Renewables**

- *Financial support for projects linked to risk profile*
 - **Variety of financial instruments**
- *Milestones funding according to investment cycle*
 - **Re-direct financing from underperforming projects to performing ones**
- *Complementarity with other relevant EU Financial Instruments*
 - **Innovation Fund as a set of financing products and services**

Innovation Fund: next steps

*12-week public
consultation*

*Impact
Assessment*

*Subject to
adoption of the
ETS proposal, rules
for the Innovation
Fund in 2018*

*Launch the
Innovation Fund
close to or before
2020*



Thank you!

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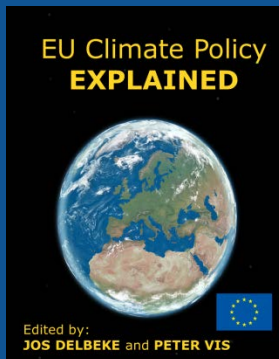
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