

Climate Recon 2050: Dialogues on Pathways and Policy



Policy-Maker Platform #3

28 February 2019, Copenhagen

Supported by:



based on a decision of the German Bundestag



STIFTUNG
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Project partners:



IDDRI



ENERGI AKLUB
CLIMATE POLICY INSTITUTE
APPLIED COMMUNICATIONS



Technical
University of
Denmark



This project is part of the European Climate Initiative (EUKI) of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU).

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Introduction by Matthias Duwe, Ecologic Institute

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PARIS AGREEMENT:

Article 4

19. *All Parties should strive to formulate and communicate **long-term low greenhouse gas emission development strategies**, mindful of Article 2 taking into account their common but differentiated responsibilities and respective capabilities, in the light of different national circumstances.*

Decision text:

35. *Invites Parties to communicate, **by 2020**, to the secretariat mid-century, long-term low greenhouse gas emission development strategies ...*



EU legislation: Regulation for the Governance of the Energy Union

CHAPTER 3

LONG-TERM STRATEGIES

Article 15

Long-term strategies

1. Each Member State shall prepare and submit to the Commission by 1 January 2020, and subsequently by 1 January 2029 and every 10 years thereafter, its long-term strategy with a perspective of at least 30 years. Member States should, where necessary, update those strategies every five years.

➤ **DIVERSITY... in all aspects:**

- State of development
- Format and level of detail
- Planning processes
- Legal (and political) status
- Governance processes (follow-up)
- Long-term ambition

Member State	Long-term strategy status	Reduction target ¹	Includes milestones	Legal form	Leading Ministry / Department	2050 climate commitments beyond strategy document
Austria	Process started					
Belgium	Process started					80-95% reduction commitment included in 2013 Long-term Policy Vision on Sustainable Development
Bulgaria	Process started					
Croatia	Draft published (2017)				Environment and Energy	
Cyprus	Draft published (2014)	80%			Agriculture, Natural Resources & Environment	
Czech Republic	Adopted (2017)	80%	Yes	Government resolution	Environment	
Denmark	Published (2011-2016) ²	80-95%	Yes	Governmental policy plan	Climate, Energy and Building	Climate law: "low emissions society by 2050" (target not specified); Government commitment: fossil free by 2050
Estonia	Adopted (2017)	80%	Yes	Parliament resolution	Environment	
Finland	Adopted (2014)	80-95%	No	Parliamentary Committee Report & Climate Change Act	Economic Affairs & Employment	Carbon neutrality by 2045 (political statement)
France	Adopted (2015), under review	75%	Yes	Published as a requirement of an existing law	Ecology, Sustainable Development and Energy	Carbon neutrality by 2050 (legislative proposal); strategy under revision to include measure to reach this target
Germany	Adopted (2016)	80-95%	Yes	Government resolution	Environment, Nature Conservation and Nuclear Safety	
Greece	Published (2012)	60-70% (2005)	No	Ministry report	Environment and Energy	
Hungary	Process started					
Ireland	Published (2017)	80%	No	Published as a requirement of an existing law	Communication, Climate Action & Environment	
Italy	Process started					
Latvia	Draft published (2018)	80%		Final document to be adopted by the Cabinet of Ministers	Environmental Protection and Regional Development	
Lithuania	Adopted (2012)	80%	Yes	Parliament resolution	Environment	
Luxembourg	Process started					
Malta	Vision published (2017)	no target			Sustainable Development, Environment and Climate Change	
Netherlands	Published (2011-2016) ²	80-95%	Yes	Government report	Infrastructure & Environment (Climate Agenda); Economic Affairs and Climate Policy (Energy Agenda)	Climate law with 95% target passed by lower house of parliament
Poland	Process started					
Portugal	Published (2012), under review	50-60%	No	Environment Agency report; 2030 goals as Government Decree	Environment Agency	Government commitment: carbon neutrality by 2050. Project to plan transition launched by Prime Minister in 2017
Romania	Process started					
Slovakia	Process started					
Slovenia	Process started				Environment and Spatial Planning	
Spain	Process started					Draft climate law: carbon neutrality by 2050
Sweden	Process started					Climate law: carbon neutrality by 2045
United Kingdom	Reviewed (2017)	80% ³	Yes	Published as a requirement of an existing law	Business, Energy and Industrial Strategy	

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Key issues – for both technical and policy level

- Relationship **EU** ↔ **Member States**
- Relationship **NECPs** ↔ **LTSs**
- **Communication: narratives!**
- **Stakeholder involvement**
- **Net-zero?** Implications
- **Economic impacts & transition**







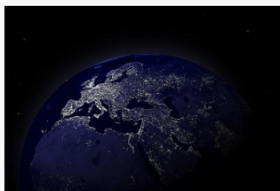
Discussion input: Developing policy-relevant narratives underlying long-term climate strategies

Judith Voss-Stemping, IDDRI

The Paris Agreement and, recently the European Union (EU) through its new legislation “Regulation for the Governance of the Energy Union”, stipulate upon its parties and members to the EU to develop long-term climate strategies.

[Read more](#)

Date of Publication:
December 2018



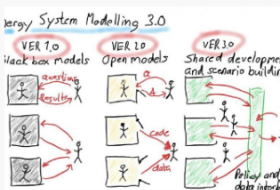
Technical Note 4: Modelling at EU and MS level

Vicki Duscha, Sascha Lehmann, Fraunhofer ISI

Modelling of economic and technological developments as well as emissions is key part for policy and strategy development at the EU level and in a number of Member States.

[Read more](#)

Date of Publication:
November 2018



Technical Note 3: Transparency of Modelling

Frauke Wiese, DTU Mangement Engineering

Energy system models play an important role in the process of deriving climate strategies and policies. Full transparency in calculating these long-term scenarios is essential for credibility and reproducibility of the scenarios and the respective climate strategies. Open data and models furthermore enable broad collaboration and increase efficiency by avoiding duplication of work.

[Read more](#)

Date of Publication:
November 2018



Briefing Note 1: 2050 Climate Strategies in EU Countries: State of Play

Ewa Iwaszuk, Matthias Duwe, Ecologic Institute

The Briefing Note presents the first insights of the Climate Recon 2050 project.

The document brings together insights from the discussions on long-term climate planning held among policymakers from 10 EU Member States, and builds on related research conducted by project partners.

[Read more](#)

Date of Publication:
October 2018



COP24 Side Event: Momentum on Long-Term Climate Strategies: where we are in Europe?

On Wednesday, 12 December, ClimateRecon2050 project hosted a side-event at the COP24 to present specific examples of long-term strategies in Europe. Representatives from Estonia, Germany, and Portugal recalled highlights from their respective national processes and discuss them with the audience.

[Read more](#)

Event Date:

12 December 2018

Event Location:

Room Pieniny, COP24



Webinar: Scenarios for deep decarbonisation of the EU industry

Highlighting technological innovation, addressing systemic change

In the EU and its Member States, the aim is to reduce emissions of greenhouse gases up to a minimum and to use energy more efficiently. Decarbonisation of industry plays a key role in reaching this goal.

[Read more](#)

Event Date:

26 November 2018

Event Location:

Online



Webinar: District heating in decarbonising economies.

In the EU and in Denmark, the aim is to reduce dependence on fossil fuels and to use energy more efficiently. This webinar will present a number of key topics connected to a role that the district heating plays in achieving decarbonisation of economies and energy systems.

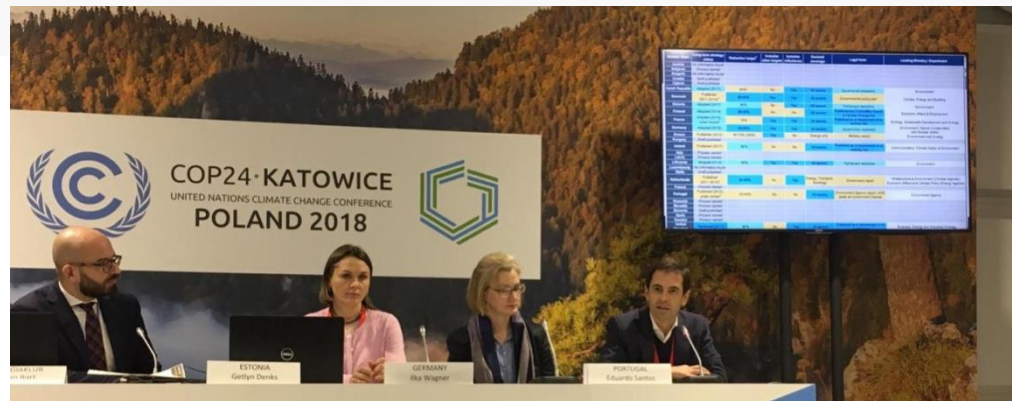
[Read more](#)

Event Date:

29 October 2018

Event Location:

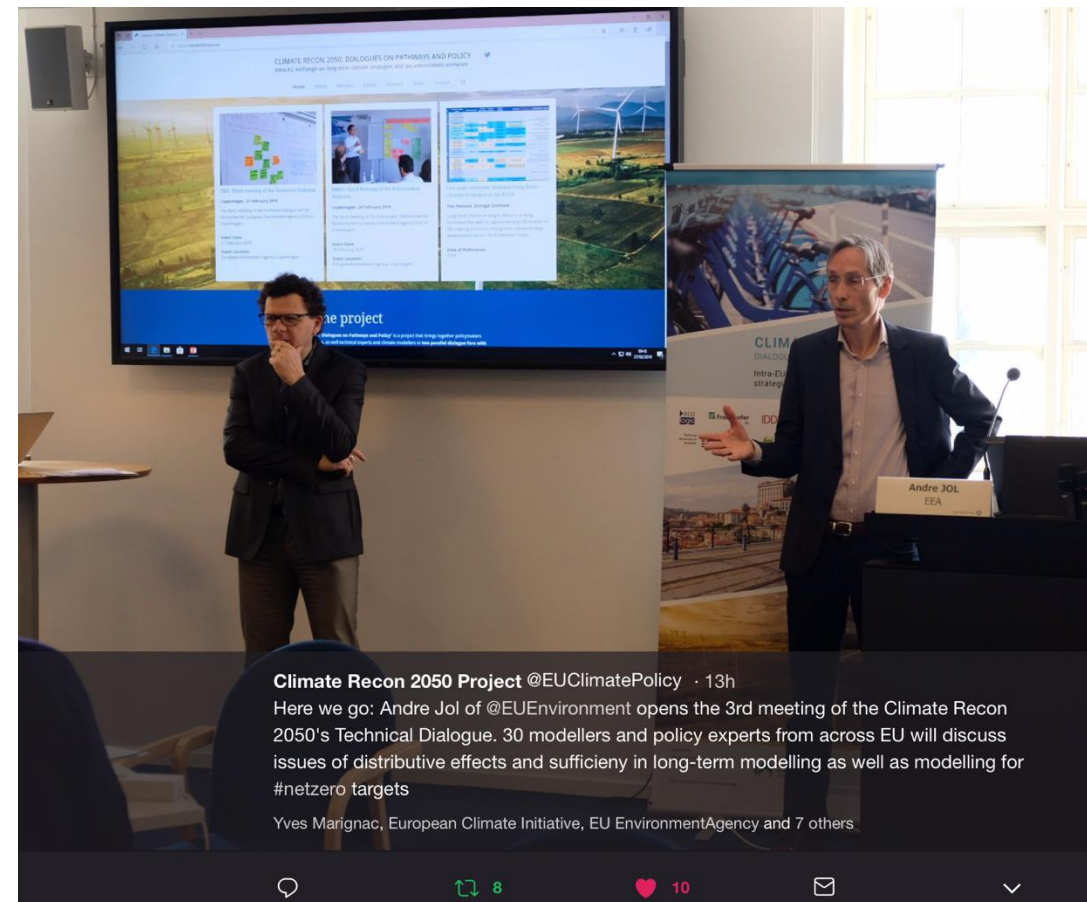
Online



Climate Recon 2050: Dialogues on Pathways and Policy

Our perception

- Growing interest and participants
- Repeat participants / countries
- Ongoing political process
- High-level attention #EU2050
- Deadline looming: **future?**





PMP1: First meeting of the Policymaker Platform

The first meeting of the Climate Recon 2050's Policymaker Platform took place in early April 2018 in Berlin and included representatives from more than 10 Member States.

Event Date:

10 April 2018

Event Location:

Berlin, Germany



SB48 Side Event: Long-Term Climate Strategies and Stakeholder Engagement

Article 4.19 of the Paris Agreement invites Parties to develop "long-term low greenhouse gas development strategies", and their development will soon become a separate legal obligation in the EU.

Event Date:

09 May 2018

Event Location:

Room Berlin, Bonn, Germany

Long-term strategy status	Reduction target	Reduction level	Reduction coverage	Legal form	Leading Ministry / Director
Process started					
Process started					
Process started					
Adopted (2017)	80%	Yes	Yes	Government resolution	Environment
Published (2017-2018)	80-85%	Yes	Yes	Governmental policy plan	Climate, Energy and Sustainable Development
Adopted (2017)	80%	Yes	Yes	Parliament resolution	Environment
Adopted (2014)	80-85%	No	No	Parliamentary Committee Report & Climate Change Act	Economic Affairs & Employment
Adopted (2015)	75%	Yes	Yes	Published as a requirement of an existing law	Ecology, Sustainable Development & Energy
Adopted (2016)	80-85%	Yes	Yes	Government resolution	Environment, Nature Conservation and Nuclear Safety
Published (2018)	80-85% (2050)	Yes	No	Energy law	Environment and Energy
Process started					
Published (2017)	80%	No	No	Published as a requirement of an existing law	Communication, Climate Action & EU
Process started					
Process started					
Adopted (2017)	80%	Yes	Yes	Parliament resolution	Environment
Process started					
Published (2017-2018)	80-85%	No	Yes	Energy, Transport, Buildings	Infrastructure & Environment (Lead Economic Affairs and Climate Policy (E)
Process started					
Published (2017)	80-85%	No	No	Government Agency Report 2018, guide to Government Decree	Environment Agency
Process started					
Process started					
Published (2017)	80%	No	Yes	Published as a requirement of an existing law	Business, Energy and Industrial

One page overview: National Long-Term Climate Strategies in the EU28

At the first meeting of the Policy-Maker Platform, the CR2050 partners launched the Long-Term Climate Strategies Matrix: a living document that aims to capture existing information on the ongoing processes of long-term climate strategy developments across the EU Member States.

Date of Publication:

2018