

# Climate Recon 2050: Dialogues on Pathways and Policy



## Long-term strategies and stakeholder engagement

### An update on the state of long-term strategy developments in EU Member States

SB48, Bonn, 9 May 2018

#### Supported by:



Supported by:

Federal Ministry for the  
Environment, Nature Conservation,  
Building and Nuclear Safety

based on a decision of the German Bundestag

STIFTUNG  
MERCATOR

#### Project partners:



IDDRI



Technical  
University of  
Denmark



Agenzia nazionale per le nuove tecnologie,  
l'energia e lo sviluppo economico sostenibile

Climate Recon 2050 project is financed by EUKI, a project financing instrument by the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMUB). Its implementation is supported by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). It is the overarching goal of the EUKI to foster climate cooperation within the European Union in order to mitigate greenhouse gas emissions. It does so through strengthening a cross-border dialogue and cooperation as well as exchange of knowledge and experience.

# **National long-term strategies in the EU: State of play and a focus on governance**

Matthias Duwe & Ewa Iwaszuk, Ecologic Institute

**SB48, Bonn**

**09 May 2018**

## What we want to do today:

### Part 1: Overview on state of play in the EU

- Insights from ongoing research projects (Ecologic)
- Insights from the MaxiMiseR project, Imke Lübbecke (WWF European Policy Office, Brussels)

### Part 2: Member State examples – strategy development and stakeholder participation

- Eduardo Santos, Portuguese Environment Agency
- Gwenaël Podesta, French Ministry for an Ecological and Solidary Transition

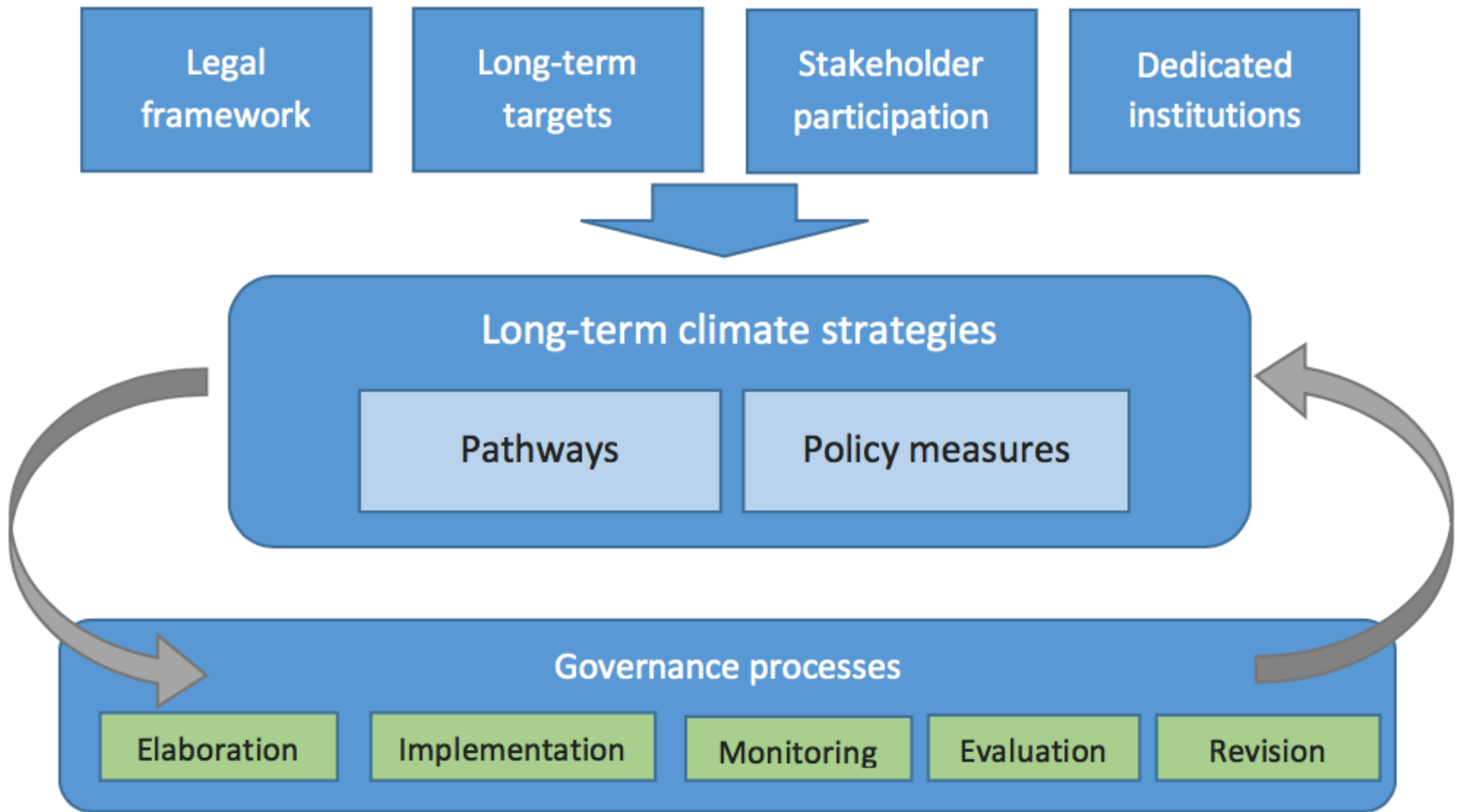
## Context: research into Paris governance

- Paris: a **new governance consensus**. Making transformation work
- **Evidence base** is not strong so far: what works?
- Enhance **understanding** & create opportunities for exchange

### Project examples:

- Analysing 2050 scenarios in EU Member States (with Fraunhofer ISI, for UBA)
- Climate Recon 2050 project: political & technical dialogue (EUKI & Mercator)
- Joint research effort on climate laws with IDDRI, LSE's Grantham Institute (European Climate Foundation (ECF))
- Ongoing targeted analysis of EU legislation, in collaboration with E3G, IDDRI and Client Earth (European Climate Foundation (ECF))

# National climate governance framework



**Source:** (forthcoming publication) Averchenkova, Duwe, Rüdinger, Voss-Stemping (2018) "Towards Paris-compatible climate governance frameworks. An overview of findings from recent research into 2050 climate laws and strategies"

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**Table 2: Breakdown of overall effectiveness into individual design features**

Effectiveness sub-themes	Influencing factor	Design feature
<b>Ability to steer a long-term course</b>	Political commitment	Support within the political system (level and depth)
		Extent of stakeholder participation – to create buy-in for framework and policies
	Legal bindingness	Formal legal status of the framework and individual elements
	Adaptability	Process for review foreseen at regular intervals?
<b>Transformational potential</b>	Strength of the long-term objective	Ambition of emission reduction goal, how it has been enshrined in the target
	Policy impact	Level of policy detail, process for creation and adoption
	Implementation stringency	Regular reporting, progress monitoring, gap filler procedures, enforcement
<b>Overarching factor (contributing to both)</b>	Institutional set-up	Dedicated capacity or institution? Distinct function? Strength of the mandate?

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## Results...

Main dimensions	Influencing factors	Respective design elements	National					Subnational					Cities				
			France	Germany	Ireland	Mexico	Sweden	United Kingdom	Scotland	California	Berlin	Bogota	Denver	Kempten	Sydney		
			2015	2016	2015	2012	2017	2008	2009	2005	2016	2015	2015	2013	2017		
Long-term stability	Political commitment	Political support	Broad	Broad	Broad	Broad	Broad	Broad	Broad	Broad	Broad	in flux	Broad	Broad	Broad		
		Stakeholder involvement	Extensive	Extensive	Extensive	Limited	Extensive	Extensive	Extensive	Extensive	Extensive	Limited	Extensive	Extensive	Extensive		
	Legal bindingness	Legal framework	Yes	No	Yes	Yes	Yes	Yes	Yes	Partially	Yes	No	No	No	No		
		Adjustment option foreseen (main targets)	Yes	Yes	Limited	Yes	No	Yes	Yes	No	Limited	Limited	Yes	Limited	Yes		
Transformational potential	Strength of the target	Long-term target defined	Yes (2050)	Yes (2050)	Vague	Yes (2050)	Yes (2045)	Yes (2050)	Yes (2050)	Yes (2050)	Yes (2050)	Yes (2050)	Yes (2050)	Yes (2050)	Yes (2050)		
		Target enshrined in law	Yes	No	No	Yes	No	Yes	Yes	No	Yes	No	No	No	No		
		Interim milestones, budgets	2030 & 5-yr budgets	2020, 2030, 2040	2020 (2030) via EU	2020, 2030 (INDC)	2030, 2040	5yr budgets, 12 yrs in advance	annual + 5yr budgets, 12 yrs in advance	2020, 2030	2020, 2030	2020, 2025, 2030, 2038	2020	No	2030		
	Implementation stringency	Monitoring & evaluation process	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Foreseen	Yes	Yes	Yes		
		Progress gap mechanism	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Foreseen	Partially	Yes	Yes		
	Policy impact	Policies included or process for defining them	process & some specifics	process & some specifics	process & minor specifics	process & minor specifics	process & minor specifics	process in the law	process & minor specifics	process in the law	process in the law	Yes	specific policies, limited process	specific policies & a process	specific policies & proces		
Overarching factor	Institutional set-up	New institutions with distinct mandates	Yes	to be established	Yes	Yes	Yes	Yes	Yes	can, but so far has not	Yes	Yes	Yes	Yes	staff capacity		

## Essential insights

- **Legal frameworks:** governments aiming to implement Paris turn to overarching climate laws. Clear momentum  
*In Europe: UK, IE, France, Sweden, Norway, Finland and soon the NL, Spain, Germany...*
- **Ambition:** Frameworks contain long-term targets but also milestones and even shorter term budgets (5 years to annual) with periodic reviews for adequacy
- **Implementation** specifics: procedures for developing policies, monitoring progress (transparency) and addressing gaps
- **Innovations in participation** (incl. new, dedicated institutions) to create political support and buy-in (more later!)





***Growing momentum for long-term frameworks  
check out the 13 case studies #ImplementingParis***

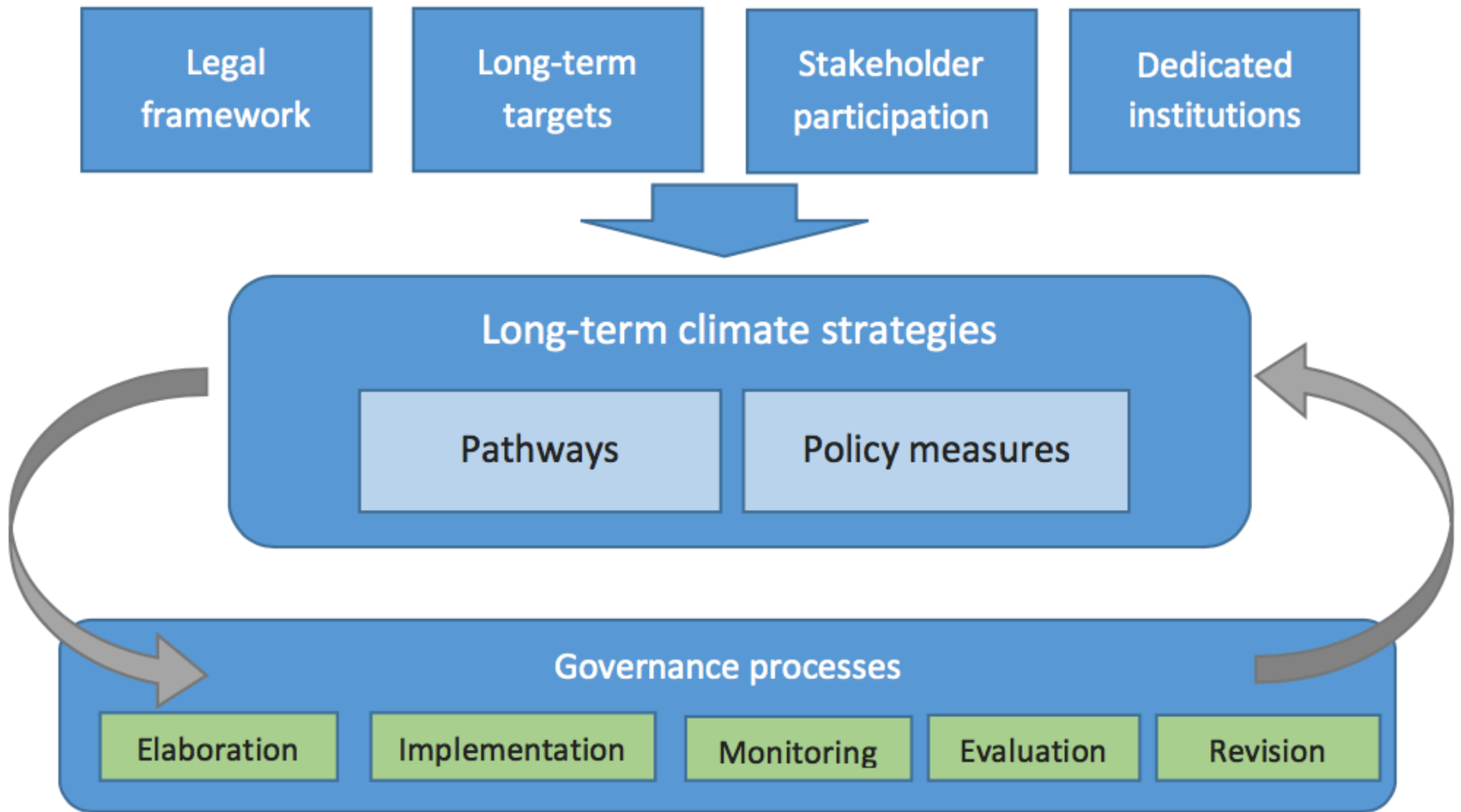
**New report out: "Paris compatible governance - case studies on long-term climate frameworks" – Ecologic Institute 2017 – [www.ecologic.eu](http://www.ecologic.eu)**



**Matthias Duwe, Ewa Iwaszuk - Ecologic Institute**

**09.05.2018**

# National climate governance framework



**Source:** (forthcoming publication) Averchenkova, Duwe, Rüdinger, Voss-Stemping (2018) "Towards Paris-compatible climate governance frameworks. An overview of findings from recent research into 2050 climate laws and strategies"

# Climate Recon 2050: Dialogues on Pathways and Policy

## CONTEXT

### 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 in accordance with Article 4, paragraph 19, of the Agreement, and requests the secretariat to publish on the UNFCCC website Parties' low greenhouse gas emission development strategies as communicated;*



# CHAPTER 3

## LONG-TERM LOW EMISSION STRATEGIES

### *Article 14*

#### **Long-term low emission strategies**

1. Member States shall prepare and report to the Commission by 1 January 2020 and every 10 years thereafter their long-term low emission strategies with a 50 years perspective, to contribute to:
  - (a) fulfilling the Union's and the Member States' commitments under the UNFCCC and the Paris Agreement to reduce anthropogenic greenhouse gas emissions and enhance removals by sinks;
  - (b) fulfilling the objective of holding the increase in the global average temperature to well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase to 1.5°C above pre-industrial levels;
  - (c) achieving long-term greenhouse gas emission reductions and enhancements of removals by sinks in all sectors in line with the Union's objective, in the context of necessary reductions according to the IPCC by developed countries as a group, to reduce emissions by 80 to 95 % by 2050 compared to 1990 levels in a cost-effective manner.

**Source:** European Commission proposal for a Regulation on the Governance of the Energy Union (November 2016)

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ISI



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ENERGIACLUB  
CLIMATE POLICY INSTITUTE  
APPLIED COMMUNICATIONS

Öko-Institut e.V.  
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Institute for Applied Ecology

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# Climate Recon 2050: Dialogues on Pathways and Policy

Member State	Long-term strategy status	Reduction target <sup>1</sup>	Includes other targets	Includes milestones	Sectoral coverage	Legal form	Leading Ministry / Department
Austria	No information found						
Belgium	Process started						
Bulgaria	No information found						
Croatia	Draft published						
Cyprus	Draft published						
Czech Republic	Adopted (2017)	80% <sup>2</sup>	No	Yes	All sectors	Government resolution	Environment
Denmark	Published (2011-2014) <sup>3</sup>	80-95%	Yes	Yes	All sectors	Governmental policy plan	Climate, Energy and Building
Estonia	Adopted (2017)	80%	No	Yes	All sectors	Parliament resolution	Environment
Finland	Adopted (2014)	80-95%	No	No	All sectors	Parliamentary Committee Report & Climate Change Act	Economic Affairs & Employment
France	Adopted (2015), under review <sup>3</sup>	75%	Yes	Yes	All sectors	Published as a requirement of an existing law	Ecology, Sustainable Development and Energy
Germany	Adopted (2016)	80-95%	Yes	Yes	All sectors	Government resolution	Environment, Nature Conservation and Nuclear Safety
Greece	Published (2012)	60-70% (2005)	Yes	No	Energy only	Ministry report	Environment and Energy
Hungary	Draft published						
Ireland	Published (2017)	80%	No	No	All sectors	Published as a requirement of an existing law	Communication, Climate Action & Environment
Italy	Process started						
Latvia	Process started						
Lithuania	Adopted (2012)	80%	Yes	Yes	All sectors	Parliament resolution	Environment
Luxembourg	No information found						
Malta	Draft published						
Netherlands	Published (2011-2016) <sup>4</sup>	80-95%	No	Yes	Energy, Transport, Buildings	Government report	Infrastructure & Environment (Climate Agenda); Economic Affairs and Climate Policy (Energy Agenda)
Poland	Process started						
Portugal	Published (2012), under review <sup>5</sup>	50-60%	No	No	All sectors	Environment Agency report; 2030 goals as Government Decree	Environment Agency
Romania	Process started						
Slovakia	Process started						
Slovenia	Draft published						
Spain	Process started						
Sweden	Process started						
United Kingdom	Reviewed (2017)	80%	No	Yes	All sectors	Published as a requirement of an existing law	Business, Energy and Industrial Strategy

# CLIMATE RECON 2050: DIALOGUES ON PATHWAYS AND POLICY



Intra-EU exchange on long-term climate strategies and decarbonisation scenarios

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## 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	Includes other targets	Includes substance	Sectoral coverage	Legal form	Leading Ministry / Directorate
No information found						
Process started						
No information found						
Draft published						
Adopted (2017)	80%	No	Yes	All sectors	Governmental resolution	Environment
Published (2017)	80-95%	Yes	Yes	All sectors	Governmental policy plan	Climate, Energy and Subsidies
Adopted (2017)	80%	No	Yes	All sectors	Parliament resolution	Environment
Adopted (2014)	80-95%	No	No	All sectors	Parliamentary Committee Report & Climate Change Act	Economic Affairs & Employment
Adopted (2015)	75%	Yes	Yes	All sectors	Published as a requirement of an article in the Constitution	Ecology, Sustainable Development & Energy
Adopted (2015)	80-95%	Yes	Yes	All sectors	Governmental resolution	Environment, Nature Conservation and Nuclear Safety
Published (2012)	80-95% (2050)	Yes	No	Energy only	Weekly report	Environment and Energy
Draft published						
Published (2017)	80%	No	No	All sectors	Published as a requirement of an existing law	Communication, Climate Action & EU
Process started						
Adopted (2018)	80%	Yes	Yes	All sectors	Parliament resolution	Environment
No information found						
Draft published						
Published (2017-2018)	80-95%	No	Yes	Energy, Transport, Buildings	Government report	Infrastructure & Environment (Climate Economic Affairs and Climate Policy) Directorate
Process started						
Published (2018)	80-95%	No	No	All sectors	Environment Agency report 2018, published as Government Decree	Environment Agency
Process started						
Draft published						
Process started						
Process started						
Published (2018)	80%	No	Yes	All sectors	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

[www.climatedialogue.eu](http://www.climatedialogue.eu)

[@EUClimatePolicy](https://twitter.com/EUClimatePolicy)

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09.05.2018

# THANK YOU FOR YOUR ATTENTION AND OVER TO IMKE...

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# Interministerial Committee on Air, Climate Change and Circular Economy

## National Framework on Policies and Measures

Carbon neutrality 2050

- National Spatial Planning
- Circular Economy
- Sectorial strategies and plans

Cost benefit assessment

Launch of work

Socio-economic scenarios

Emission and removal scenarios

Energy:

Energy production  
Residential and services  
Industry

Transport and  
mobility

Waste and Circular  
Economy

Agriculture and  
Forestry

Sectorial scenarios

Drivers for policy  
development

Carbon neutrality  
trajectories up to  
2050

Roadmap for Carbon  
Neutrality –  
RNC2050.pt

Stakeholder  
engagement

Technologies

Stakeholder  
engagement

Stakeholder  
engagement

Communication

Decarbonisation guidebook

Stakeholder engagement