

Coordination and Assessment of Research and Innovation in Support of Climate Mitigation Actions



Presentation of the CARISMA Project



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Outline

- Project Overview
- Methodological Framework
- Major Outputs & Expected Impacts
- Website & Contact Details



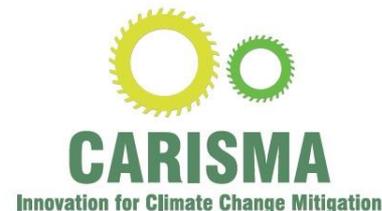
Project Overview (1/3)



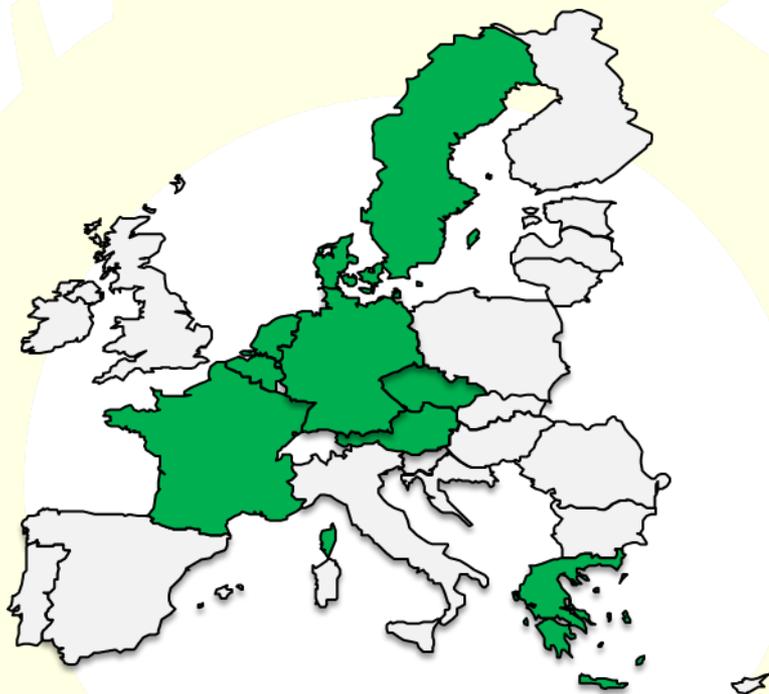
- ❑ **Project Title:** Coordination and Assessment of Research and Innovation in Support of Climate Mitigation Actions
- ❑ **Financial Support:** European Horizon 2020 Programme of the EU under the Grant Agreement No. 642242
- ❑ **Project Start:** 01/02/2015
- ❑ **Project Duration:** 42 months
- ❑ **Coordinator:** Radboud University Nijmegen
- ❑ **Number of Participants:** 10



Project Overview (2/3)



Participants



Participant Name	Short Name	Country Code
Radboud University Nijmegen	RU	NL
University of Piraeus Research Center	UPRC	GR
JIN Climate and Sustainability	JIN	NL
Institute for Climate Economics	I4CE	FR
University of Graz	UNI Graz	AT
Stockholm Environment Institute	SEI	SE
Centre for European Economic Research	ZEW	DE
Centre for European Policy Studies	CEPS	BE
ENVIROS S.R.O.	ENVIROS	CZ
Technical University of Denmark	DTU	DK



CARISMA Objectives

- ❑ CARISMA supports the development and diffusion of **options for climate change mitigation**, both technologies and practices, to reduce greenhouse gas emissions.
- ❑ Climate-friendly technologies and practices often already exist, yet for several reasons **they do not enter the mainstream**.
- ❑ Decision-makers in the public and private sectors alike are, for a variety of reasons, **inclined to continue the high-carbon status quo**. This holds for already developed options that are untested or in the research phase.
- ❑ CARISMA aims to help them **understand these reasons** through extensive engagement with policy-making and business communities.



Methodological Framework (1/4)

WP 1 Project management
WP 2 Communication & Stakeholder consultation

WP 3 & 4 Options for Climate Change Mitigation

WP 3

- Overview of mitigation options
- Contribution to mitigation
- R&I priorities

WP 4

- Assess mitigation options against costs, socio-economic and environmental benefits

WP 5 & 6 Policies for Climate Change Mitigation

WP 5

- Mapping of policies
- Policy interactions
- Policy effectiveness

WP 6

- Governance aspects
- Contextual factors

WP 7 International Collaboration on options and policies

WP 8 Synergies with related policy areas & Synthesis of project results



Technologies and Practices for Climate Change Mitigation

CARISMA will improve understanding of technologies and practices for climate change mitigation in terms of:

- ❑ Their contribution to achieving **greenhouse gas emission reduction goals** in the EU and beyond;
- ❑ Their **social, economic and environmental impacts** in different country contexts;
- ❑ Their **costs**; and
- ❑ **Typical barriers** to their successful development and implementation, and **possible solutions** to address these.



National and European Climate Change Policies

CARISMA will lead to a better understanding of how the effectiveness of climate change policies can be influenced by:

- ❑ **Developments in the policy context**, such as changing economic circumstances, political stability, technology infrastructure or environmental awareness; and
- ❑ Positive or negative **interactions** with other climate or environmental policies.

CARISMA intends to develop, discuss with stakeholders and disseminate **recommendations on EU actions** and **international cooperation** in climate change mitigation research and innovation as well as **policy making and governance**.



Collaboration with Decision-makers

CARISMA will engage with public and private sector stakeholders in climate change mitigation options in the following ways:

- ❑ **Consult decision-makers** in climate mitigation options and **request their input** into the project steps and outputs;
- ❑ **Draw on their knowledge** for analyzing possible economic, social and environmental costs and benefits, contextual factors, and policy-making around the climate change mitigation options; and
- ❑ **Present the project's findings** to multiple stakeholder groups for improved decision making on climate change mitigation options and policies.

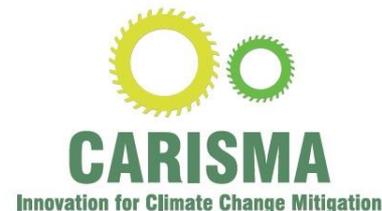


Main Target Audiences

- ❑ **Public sector:** More evidence-based policy for implementation of the EU 2050 Roadmap and relevant initiatives through improved dissemination of key research findings.
- ❑ **Business and Industry:** Enhanced impact of research and innovation activities for climate change mitigation decisions by business and industry.
- ❑ **Research community and Science funders:** Better identification of climate change research and innovation priorities, improved coordination of relevant research and innovation programmes and funded activities in the EU.



Website & Contact Details



Website Address

<http://www.carisma-project.eu/>



Contact Details

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Dissemination Leader

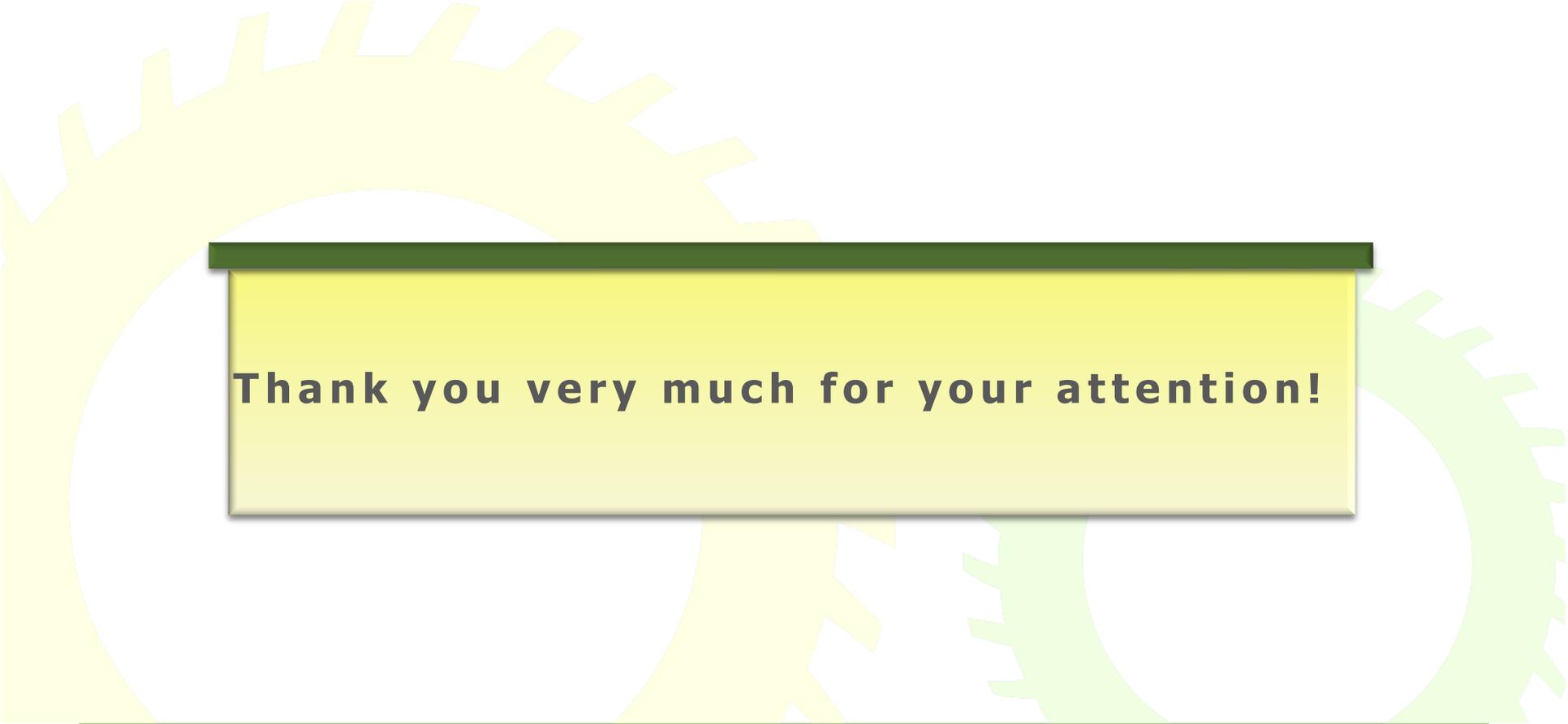
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Thank you very much for your attention!