



Innovation in Climate Services Provision



INNOVA helps the **society** managing the impacts of climatic change and finding **innovative** climate risk management **solutions**, and extreme risk response options. This project emphasis on cutting-edge climate services research by a combination of social and economic innovation.



Indicator	
Ice days	(17)
Heavy precipitation days	(17)
Population	(15)
Consecutive dry days	(14)
Consecutive wet days	(13)
Very heavy precipitation days	(13)
Gross domestic product (GDP)	(12)
Frost days	(10)
Changes in Heating degree-days	(10)
Number of wet days	(10)

The project contributes in an innovative way to understand the key role of business models; in enhancing adaptation innovation, market uptake and reproducibility of climate services. The INNOVA approach and findings are in the interest of public and private **climate services providers, knowledge purveyors, (city) policy and decision makers, business** representatives and scientists. In the end the project can contribute to generate employment opportunities and sustainable growth.



INNOVA is designed to build on proven innovation frameworks, so-called “**innovation hubs**”, connected across the project and to the wider world (Mediterranean, North European and islands; urban and peri-urban areas). These hubs have been chosen based on areas in Europe that were identified as highly likely to be vulnerable in the **IPCC 2014** findings, and including one location in the less outermost regions of Europe.





Hub Kiel Bay is a low-lying area at the Baltic coast of Schleswig-Holstein (Germany). Surrounding the Eckernförde Bay and Kiel fjord, it consists of smaller communities (with main focus on coastal tourism) and the states capital Kiel City (with a multi-sectoral structure) is affected by erosion and heavy rains.



Hub Valencia region (Spain) consisting of a metropolitan area suffering from droughts and with a multi-sectoral structure in which irrigated agriculture plays an important role in the consumption of water (around 80% of the resource).



The Dutch hub Nijmegen is part of the Covenant of Mayors/Mayors Adapt network integrating the national Room for the River program with a major urban development project and small-scale co-creation efforts. Recurrent floods and droughts might affect heavily the area.



French West Indies hub: local economy is much precarious, depending on natural risks such as earthquakes and climate hazards. Decreased rains, severe flash floods, droughts and increasing temperatures contribute to damaging the agriculture sector impacting the local economy for which it remains a key sector in Guadeloupe and Martinique.

The INNOVA consortium has an excellent track record in user-driven services, innovation support and engagement with multiple stakeholders. It is well positioned to bridge the gap that often exists between users and providers of climate services.

For more **information** contact the project lead organisation:
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- Universitat Politècnica de Valencia, Spain
- Université des Antilles, France
- Wageningen Environmental Research, The Netherlands



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website: www.jpi-climate.eu/era4cs/innova