



Grid Aesthetics, Milano, May 20, 2015



# The INSPIRE-Grid Project

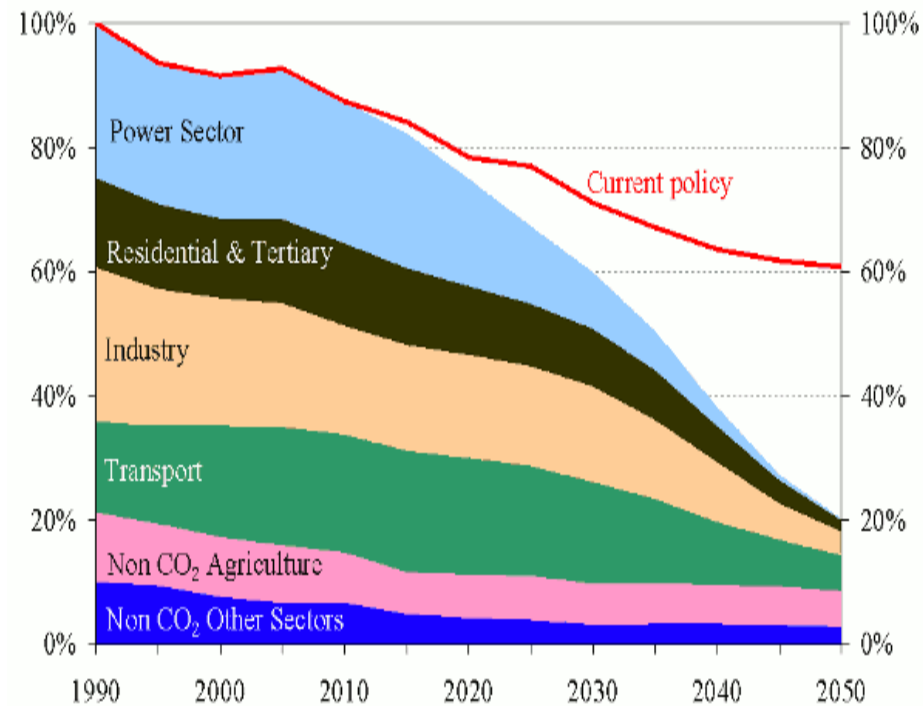
## Brief introduction

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# The context

- Transition towards a low-carbon society
  - *Since 1991*
  - ...
  - *Empowered in October 2014 with the approval of the 2030 framework for climate and energy policies*
- 2030 target: RES > 27 %
- Grid expansion and reinforcement play a major role

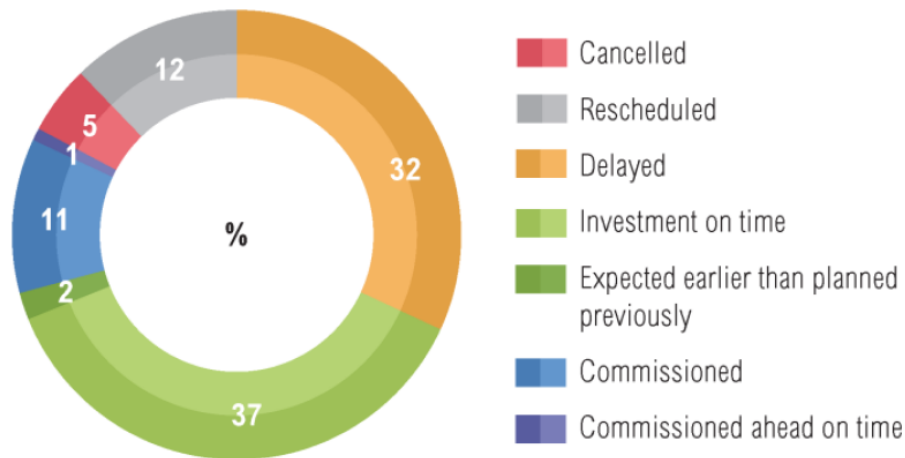


Extracted from the EC site:

[http://ec.europa.eu/clima/policies/roadmap/milestones/index\\_en.htm](http://ec.europa.eu/clima/policies/roadmap/milestones/index_en.htm)

# Grid expansion and reinforcement

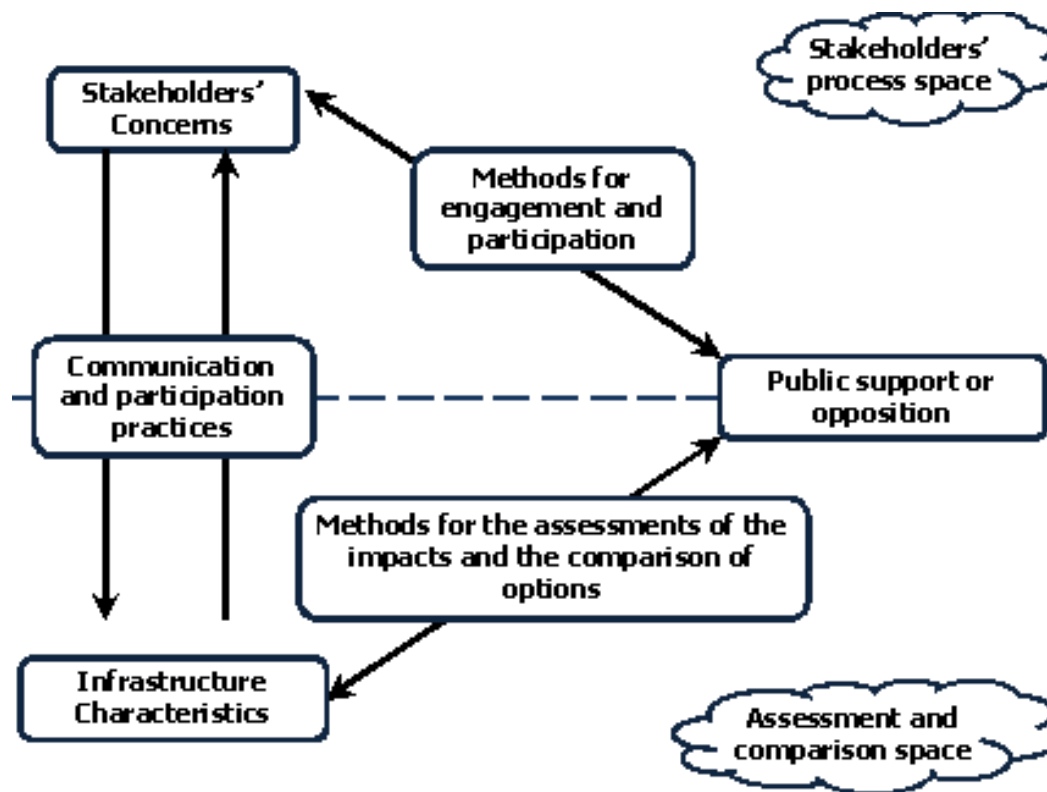
- Objectives:
  - *Secure*
  - *Sustainable*
  - *Competitive and Affordable energy*
- Most of the projects experience delays



From TYNDP, 2014

# It's easy to say “NIMBY”...

- ... but it is not the full story



# The INSPIRE-Grid project

## Approach

Combining competences from Social and Technical Sciences,  
Working together with TSOs, researchers, NGOs, authorities  
Experimenting in real cases

## Project Goal

INSPIRE-Grid (Improved and eNhanced Stakeholders Participation In Reinforcement of Electricity Grid) is aimed to contribute to increased stakeholder support and public acceptance for future electricity grid infrastructures.

## Expected project output

By way of a multidisciplinary approach, INSPIRE-Grid will develop a methodology to manage consultation processes in different settings and design an expert-led European good practice guide.

## INSPIRE-Grid Partners



**INSPIRE-Grid Observers:** Amprion, CIVILSCAPE, Germanwatch, NVE, Royal Society for the Protection of Birds, Terna

## Main steps are:

1

- the analysis of the needs, concerns, wants and expectations of the stakeholders

2

- the development and/or adaptation of methodologies to evaluate, assess and quantify impacts and benefits on different spatial and temporal scales

3

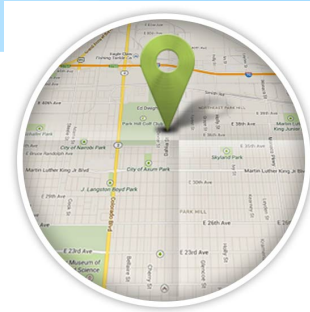
- the development of suitable processes and mechanisms for an effective communication and real participation of the stakeholders

4

- a synthesis of the project results and a series of recommendations about the stakeholders engagement

5

- a series of case studies, with a double aim: to give elements to the methodology development and to allow a proper testing of the project output



## Where we are

- Analysis of concerns and needs and development of different stakeholder maps;
- Critical review and development of criteria for good participation practices;
- Critical review of the methods concerning the assessment of risks and benefits of grid infrastructures;
- Stakeholder attitudes and a preliminary guidelines for engaging stakeholders in transmission development projects;
- Selection of case studies.



Project no. 608472

### INSPIRE-Grid

IMPROVED AND ENHANCED STAKEHOLDERS PARTICIPATION IN REINFORCEMENT OF ELECTRICITY GRID

**Instrument:** Collaborative project  
**Thematic priority:** ENERGY.2013.7.2.4 – Ensuring stakeholder support for future grid infrastructures

**Start date of project:** 01 October 2013

**Duration:** 36 months

D2.1

ANALYSIS OF CONCERNS AND NEEDS: STAKEHOLDER MAP

Final version

**Submission date:** 31.03.2015

Institut für ZukunftsEnergieSysteme (IZES gGmbH) (8)

INSPIRE-Grid\_WP0\_D2.1

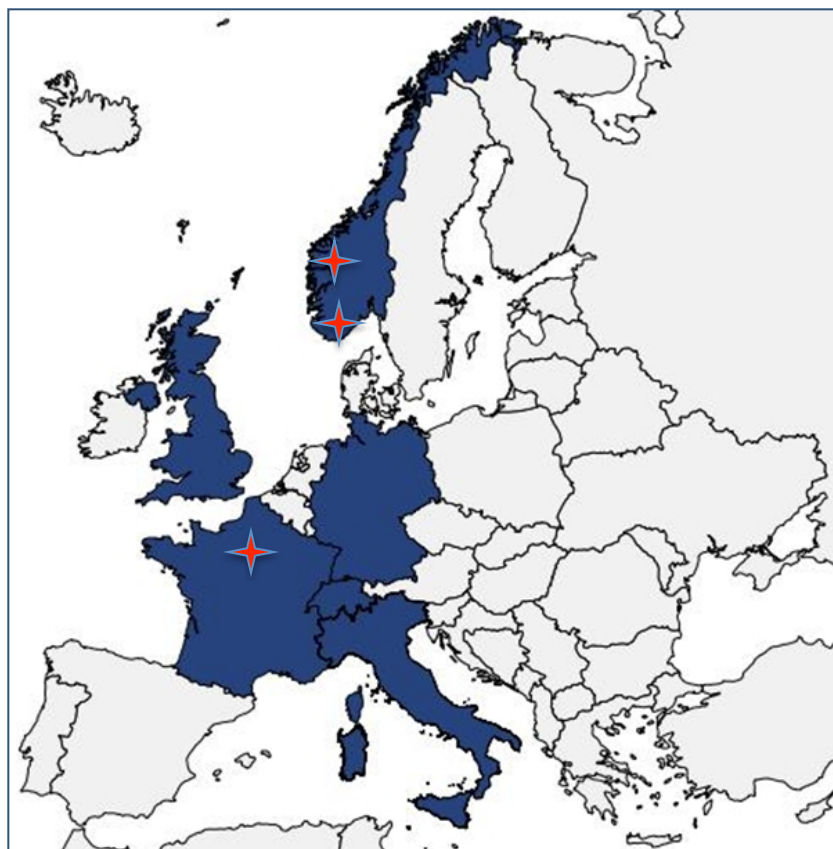
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All deliverables can be downloaded from [inspire-grid.eu](http://inspire-grid.eu)



## Case Studies

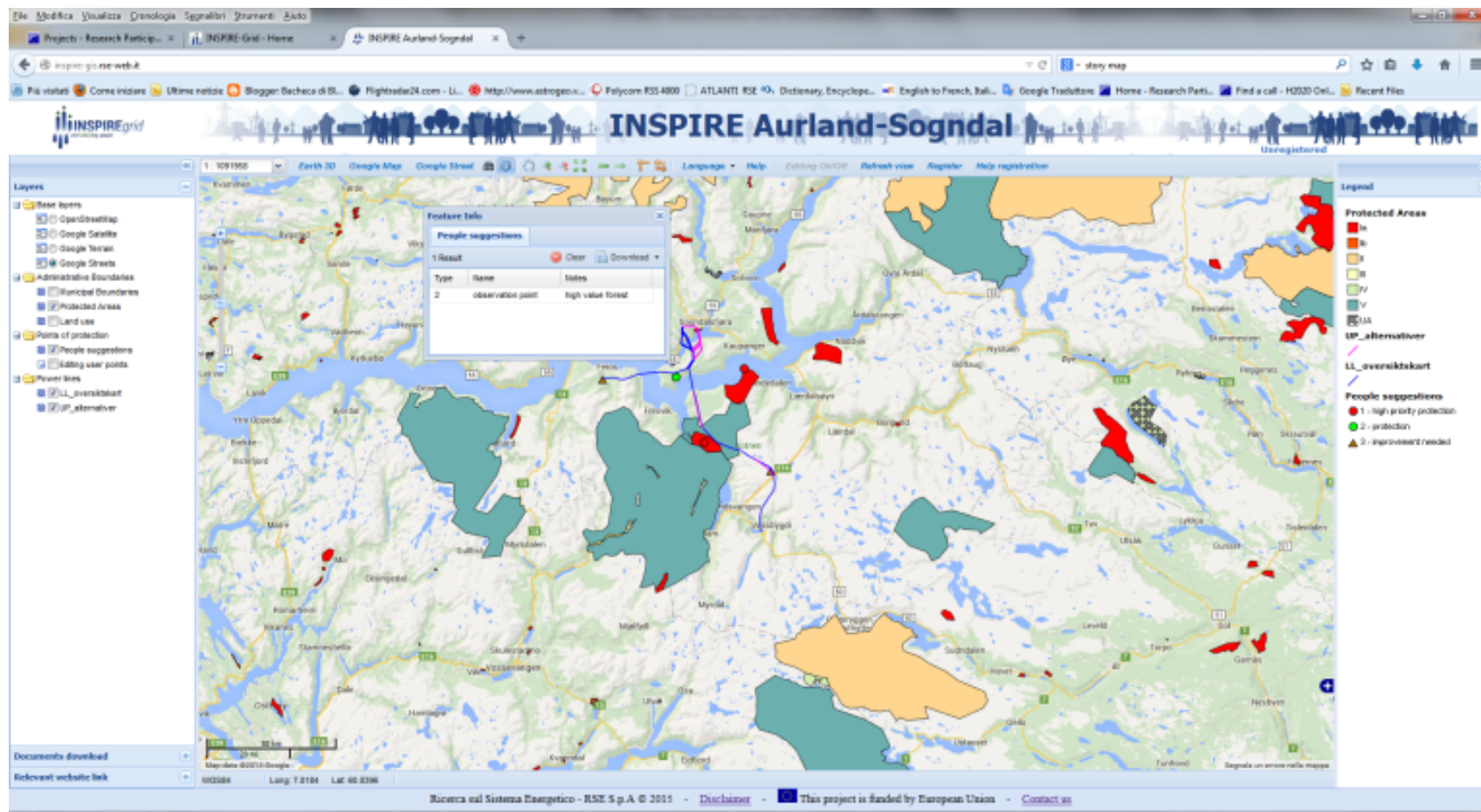
Findings will be tested in the frame of existing/on-going grid development project



## The Virtuous circle



# Public Participation webGIS



# THANK YOU FOR YOUR ATTENTION



[www.inspire-grid.eu](http://www.inspire-grid.eu)