



Software for the Optimal Place CAIculation for WIND-farms  
*grant agreement n° 296164*

# **Data pooling for the optimal localisation of wind-farms**

**European Data Forum**

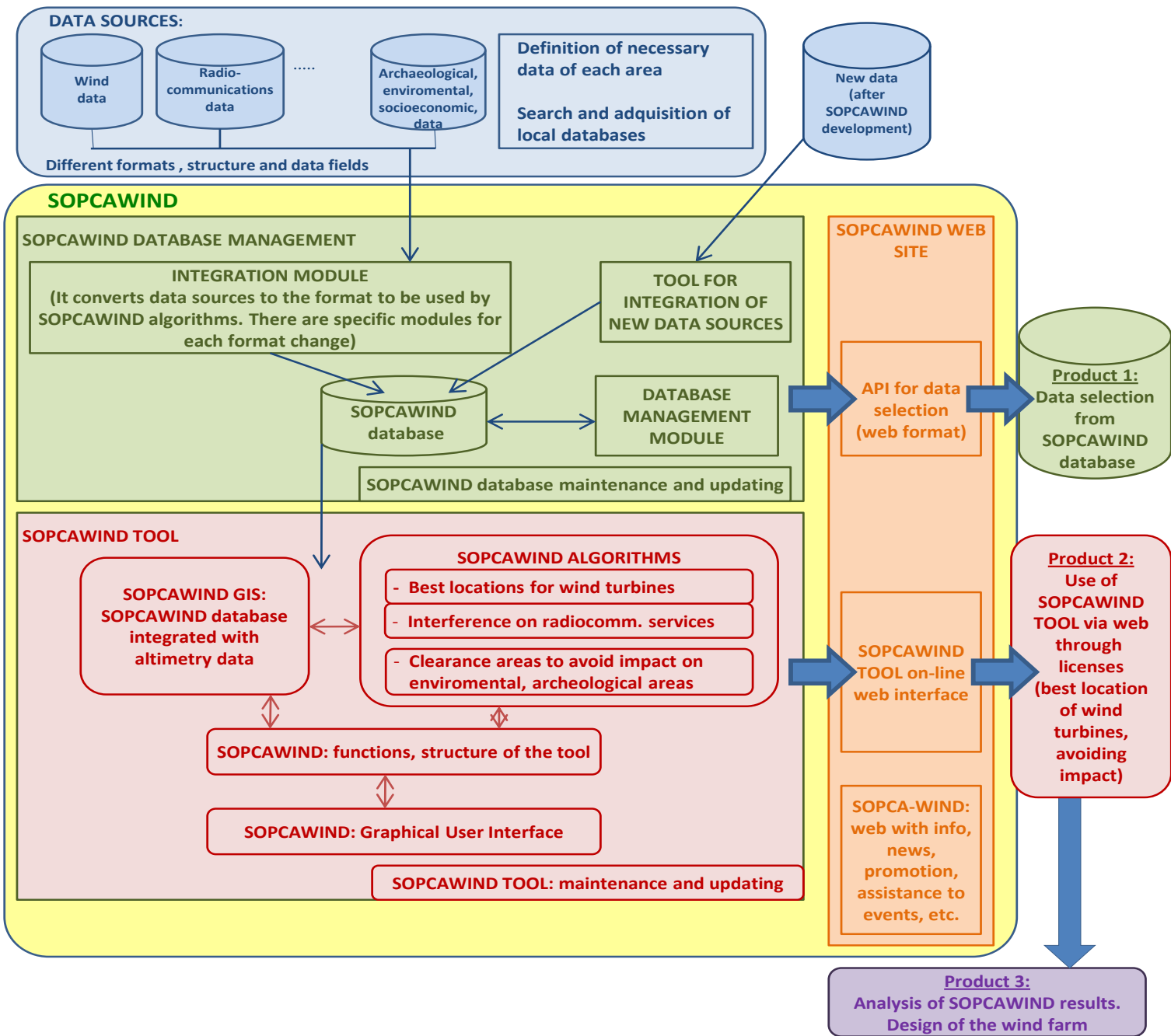
June 6-7, 2012, Copenhagen DK

- Wind farms deployments are highly dependent on the context.
  - Currently, most wind farm designs are strictly focused on power production but...
  - Collateral aspects can delay the deployment and even suspend a wind farm project
    - Which collateral aspects → environmental impact, archeological sites, radiocommunication services.

# The goals

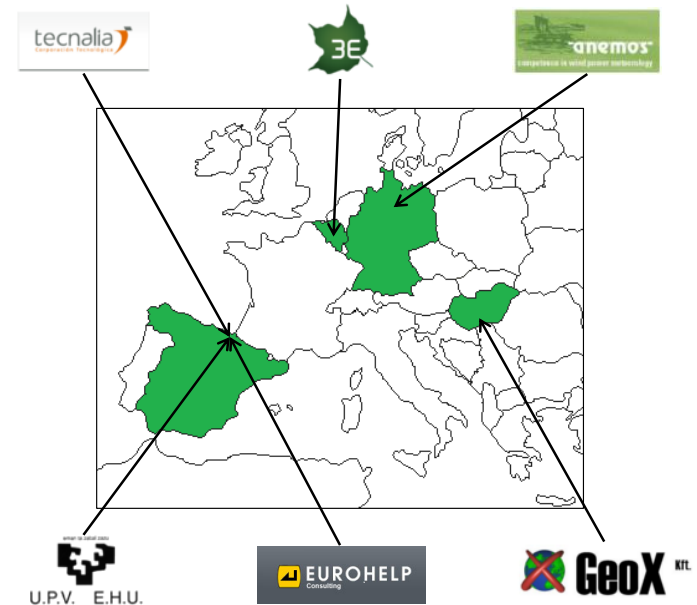
**SOPCAWIND aims at the design and development of a data pool considering all these aspects that will be used by a software for the optimal localisation of wind farms**

- This is an opportunity for SMEs at different levels:
  - Data production and data pool design and maintenance
  - Optimization software for the wind farm design
  - Consulting services
  - Strategic position in the market
- Validation of the system in two geographical areas:
  - Basque Country
  - Flanders



# CONSORTIUM

Partner	Category	Main role
<b>Tecnalia Research &amp; Innovation</b>	Research Centre	Project leader; Technical Coordinator; Optimization engine expertise
<b>UPV/EHU</b>	University	Data collection, environmental, archeological and radiocommunication expertise
<b>Eurohelp</b>	SME	GIS and web development
<b>GEOX</b>	SME	Data pool development
<b>ANEMOS</b>	SME	Wind data and wind expertise
<b>3E</b>	SME	Wind Farm designers



Project kick-off	Duration
May 1st, 2012	24 months

Budget	Requested EU contribution
2.468.785 €	1.950.000 €



Thank you for your  
attention

<http://www.sopcawind.eu/>

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