THE CLIMSAVE IAP

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The CLIMSAVE project

Climate Change Integrated Assessment Methodology for Cross-Sectoral Adaptation and Vulnerability in Europe

START

The CLIMSAVE IA Platform is a unique interactive tool to enable you to explore the complex issues surrounding impacts, adaptation and vulnerability to climate change at regional to EU scales.

SEVENTH FRAMEWORK PROGRAMME

The Platform contains 4 screens :

Impacts – investigate how different amounts of future climate and socio-economic change may affect urban, rural and coastal areas, agriculture, forestry, water and biodiversity.

⇩

Vulnerability - identify which areas or 'hot spots' in Europe are vulnerable to climate change in your socio-economic scenario, before and/or after adaptation

⇩

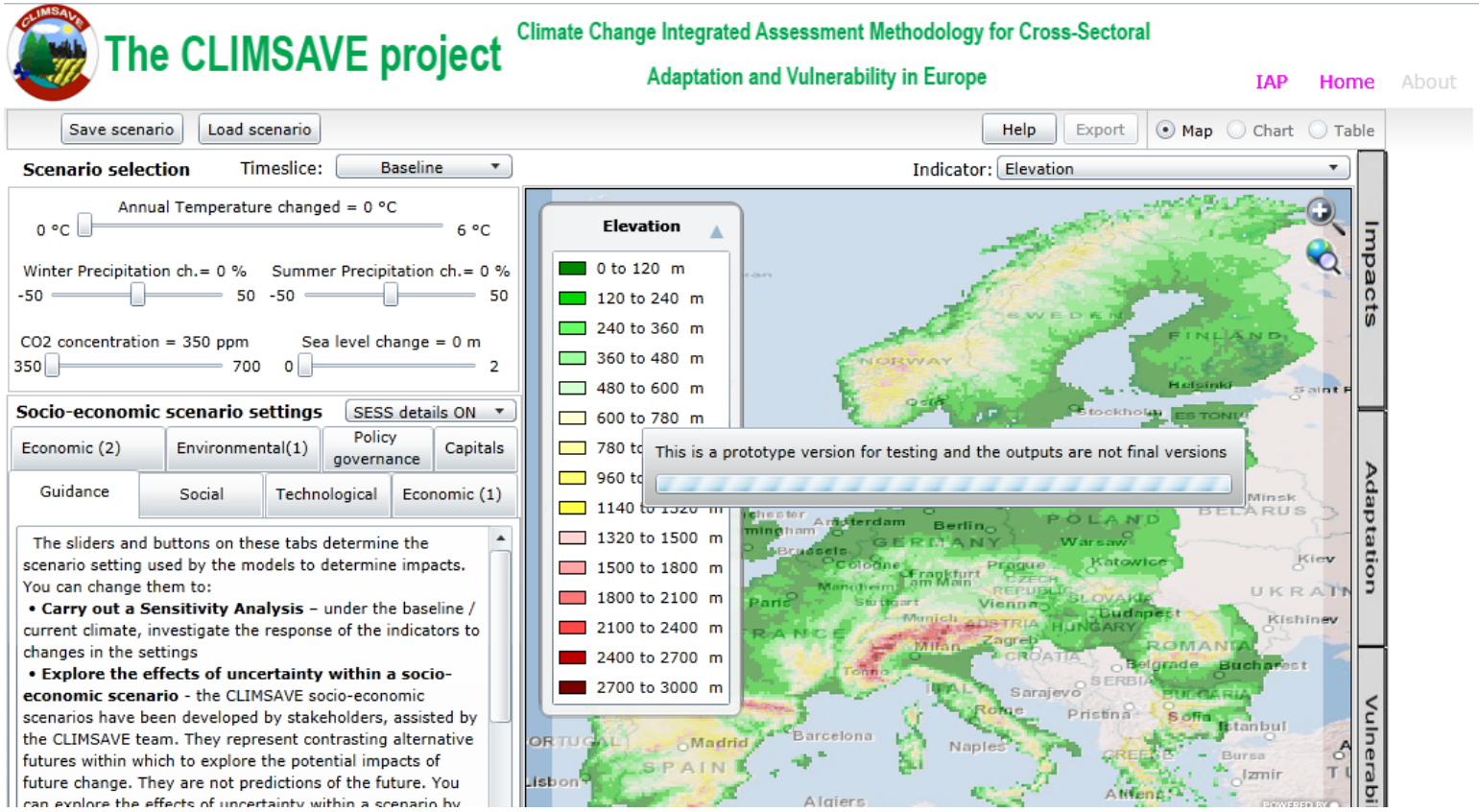
Adaptation - investigate how adaptation can reduce the impacts of climate change, within the constraints of your socio-economic scenario

⇩

Cost effectiveness – identify which adaptation measures will most cost-effectively reduce the impacts of climate change.

- Choose Europe or Scotland

Europe


The CLIMSAVE project
Climate Change Integrated Assessment Methodology for Cross-Sectoral Adaptation and Vulnerability in Europe
IAP
Home
About
Save scenario
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Help
Export
Map
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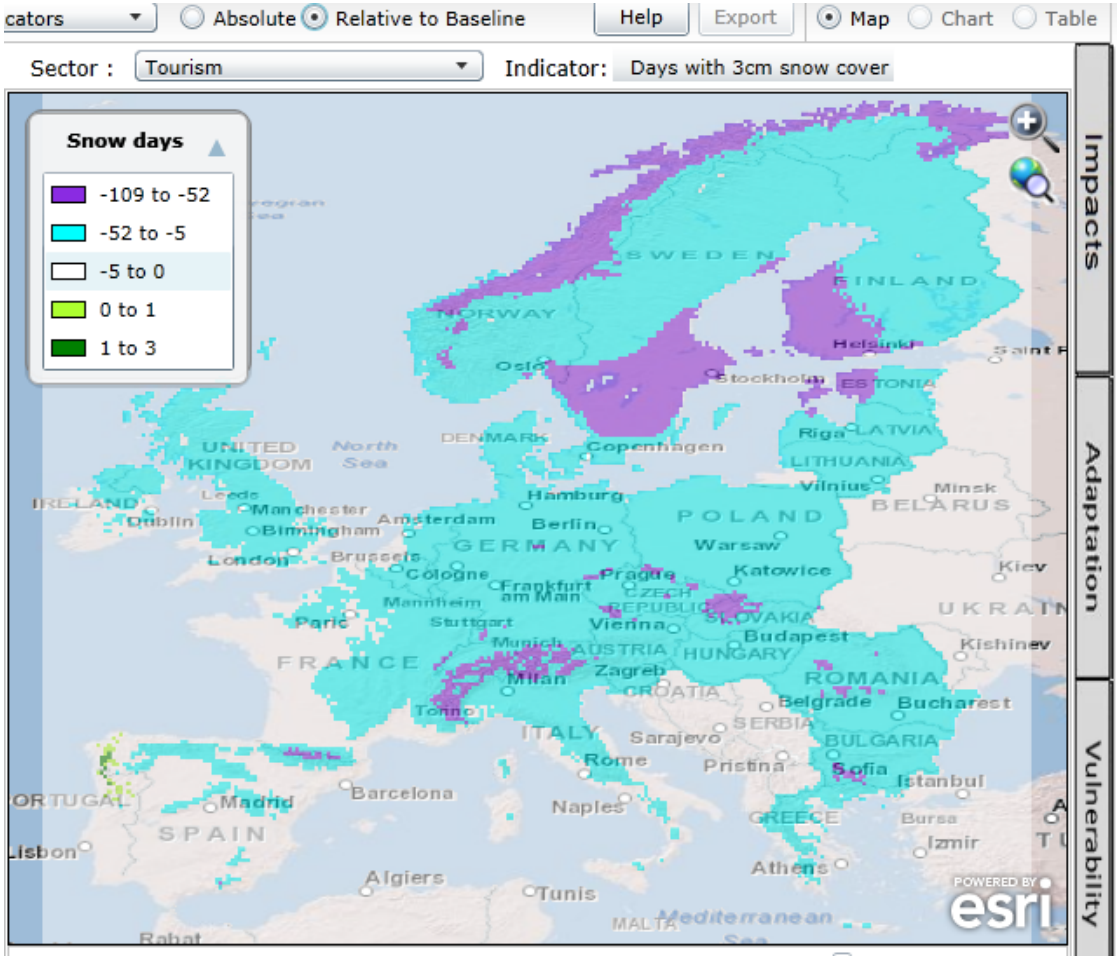
Table
Scenario selection
Timeslice:
Baseline
Indicator:
Elevation
Annual Temperature changed = 0 °C
0 °C
6 °C
Winter Precipitation ch.= 0 %
-50
50
Summer Precipitation ch.= 0 %
-50
50
CO2 concentration = 350 ppm
350
700
Sea level change = 0 m
0
2
Socio-economic scenario settings
SESS details ON
Economic (2)
Environmental(1)
Policy governance
Capitals
Guidance
Social
Technological
Economic (1)
The sliders and buttons on these tabs determine the scenario setting used by the models to determine impacts. You can change them to:
• Carry out a Sensitivity Analysis – under the baseline / current climate, investigate the response of the indicators to changes in the settings
• Explore the effects of uncertainty within a socio-economic scenario - the CLIMSAVE socio-economic scenarios have been developed by stakeholders, assisted by the CLIMSAVE team. They represent contrasting alternative futures within which to explore the potential impacts of future change. They are not predictions of the future. You
Elevation
0 to 120 m
120 to 240 m
240 to 360 m
360 to 480 m
480 to 600 m
600 to 780 m
1320 to 1500 m
1500 to 1800 m
1800 to 2100 m
2100 to 2400 m
2400 to 2700 m
2700 to 3000 m
This is a prototype version for testing and the outputs are not final versions
Impacts
Adaptation
Vulnerabi

Choose a scenario

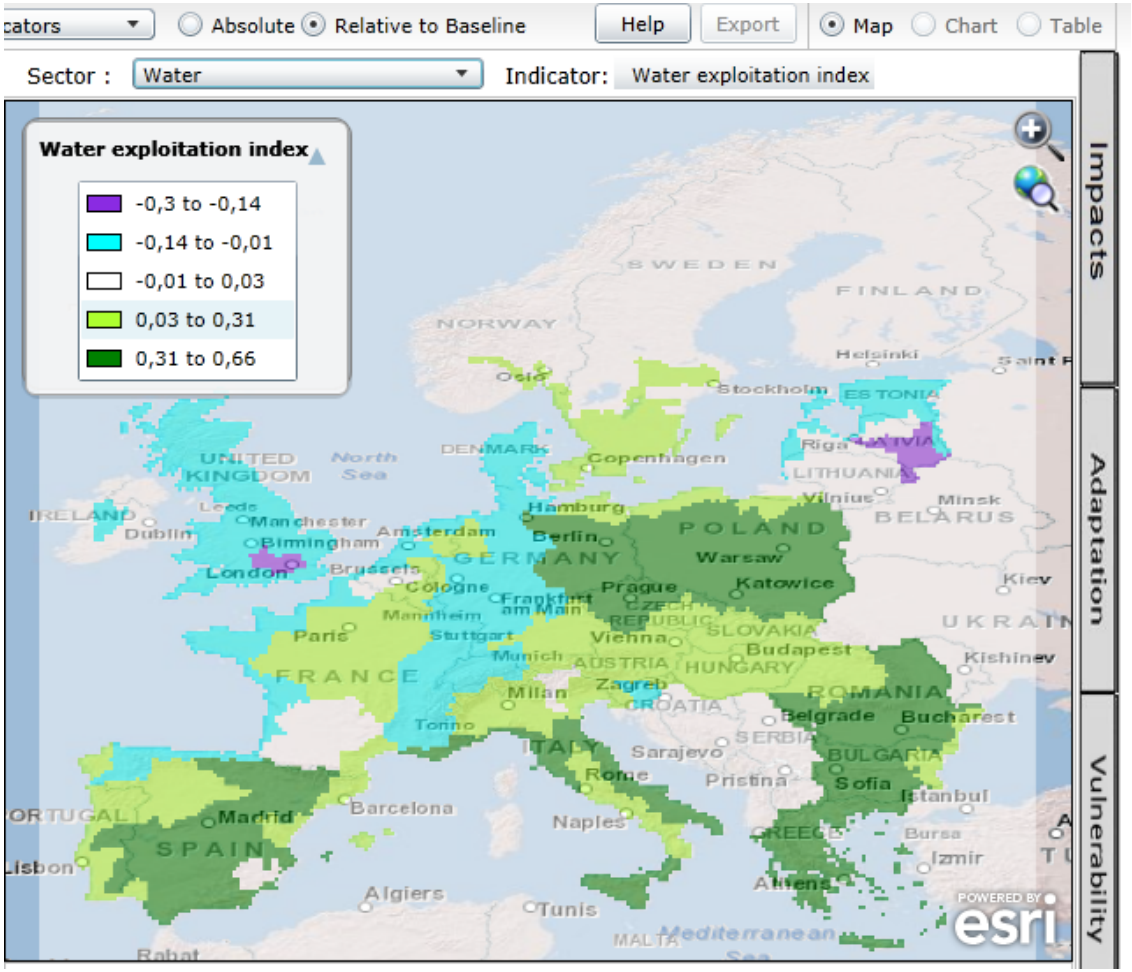
- 2050s
- Climate Scenario A1
- Climate Model HADGEM
- Climate Sensitivity High

- Socio-economic society WE ARE THE WORLD
- (Note tool tips)
- RUN (OK on Species choice)

Change in snow days

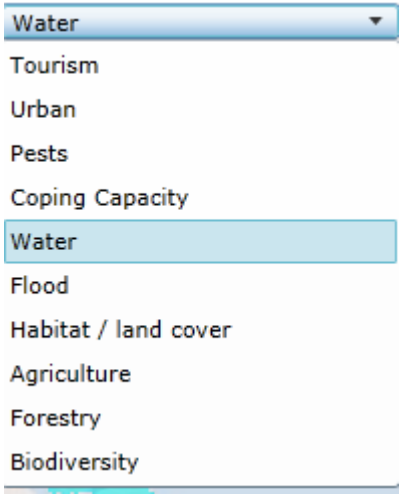


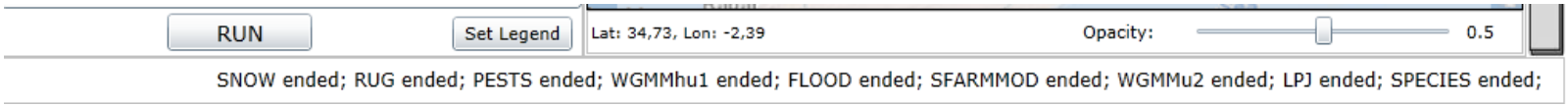
Water exploitation index



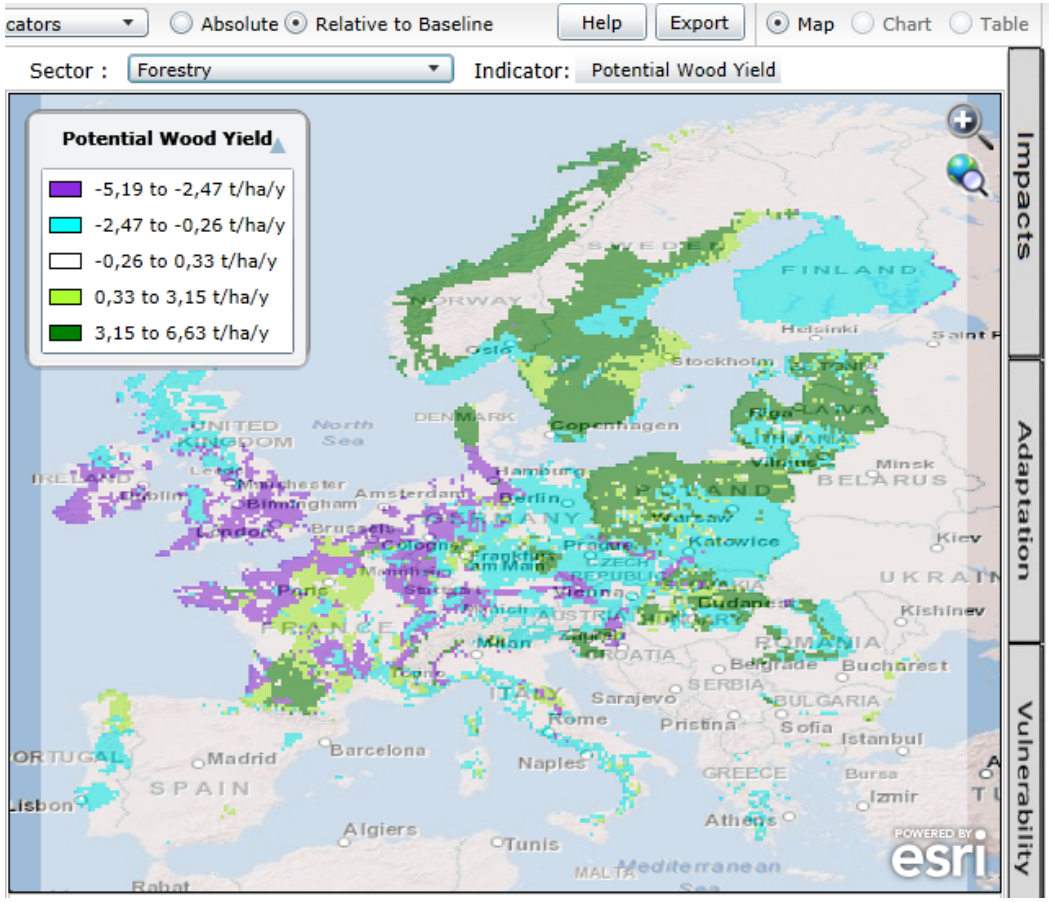
Explore the impacts

- For sectors and a wide range of indicators

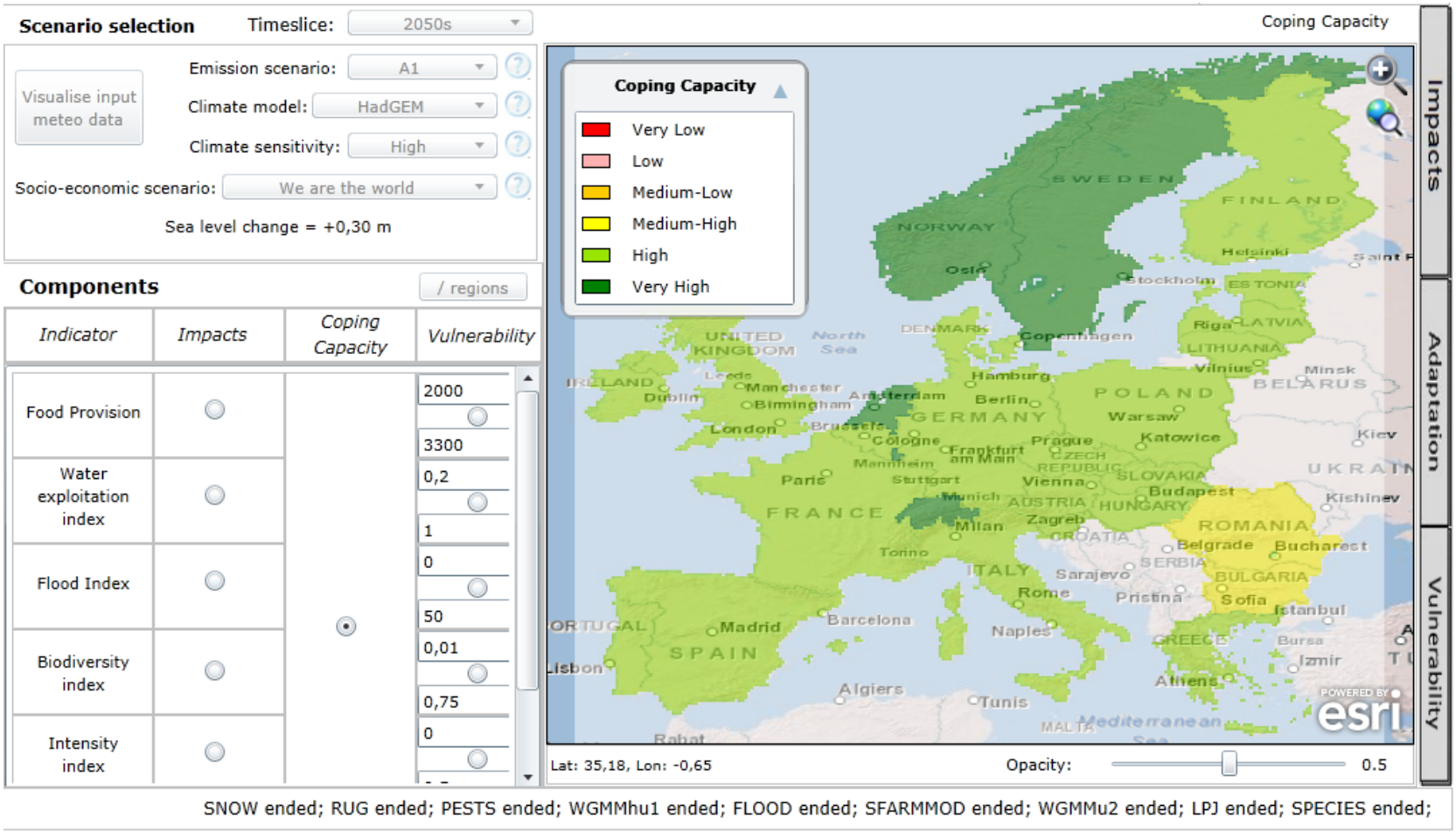




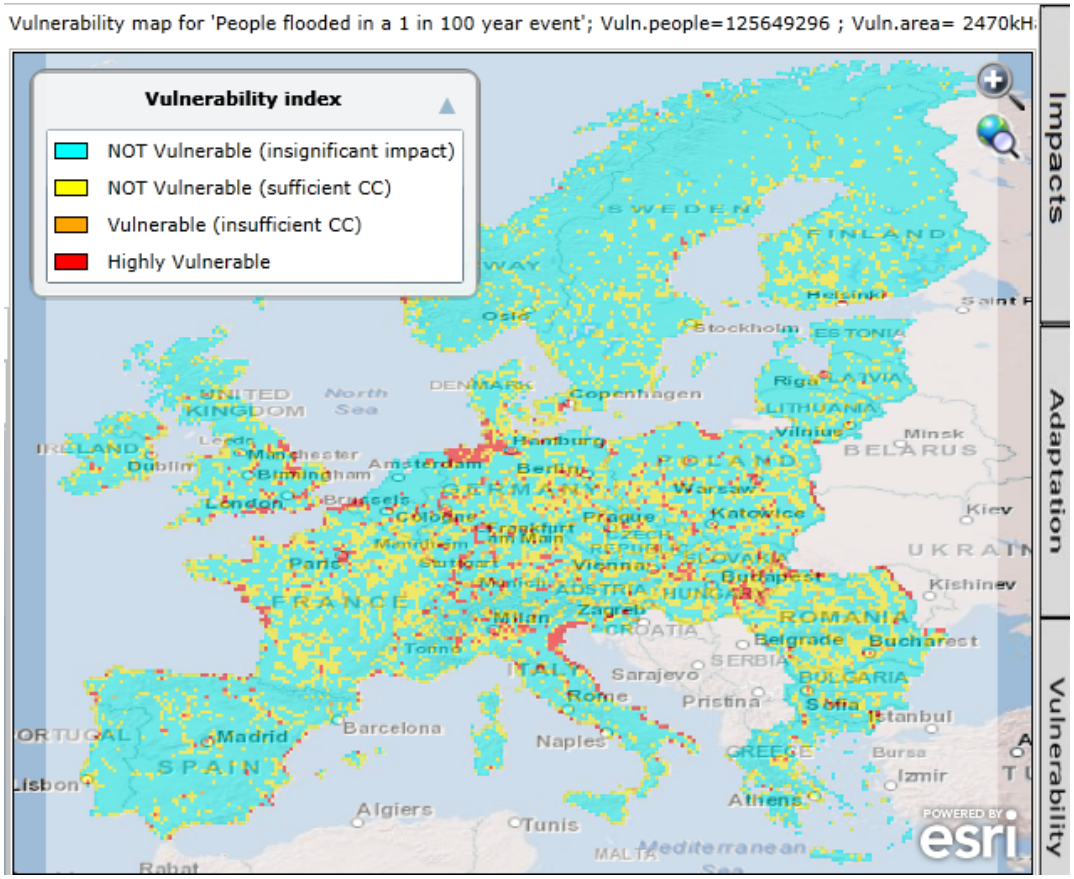
Change of potential wood yield



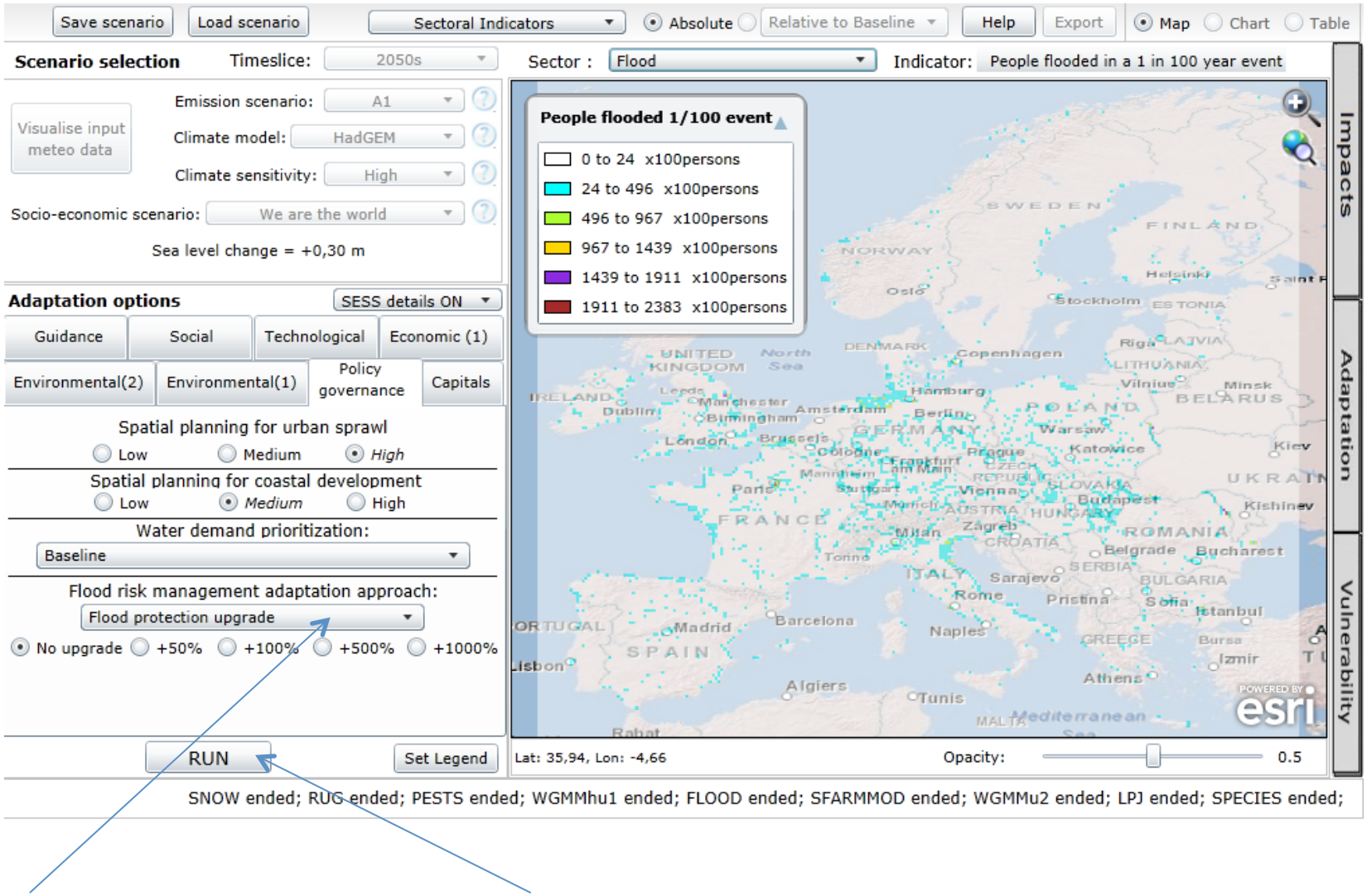
The vulnerability screen



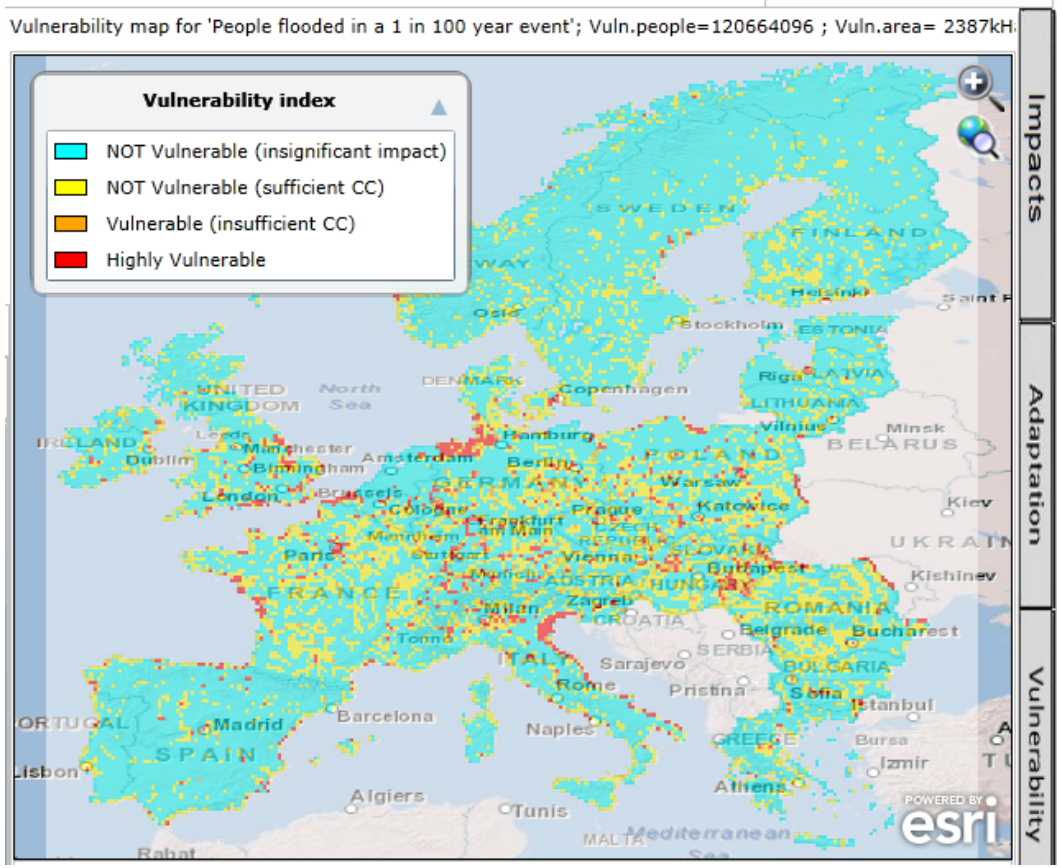
Vulnerability to flooding



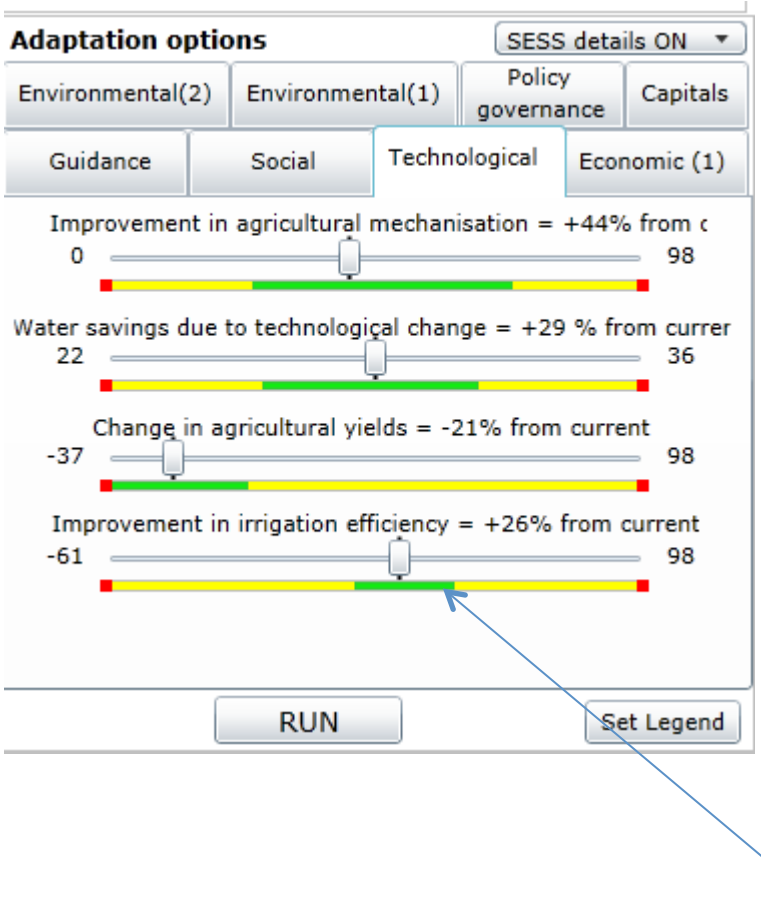
Adaptation Screen

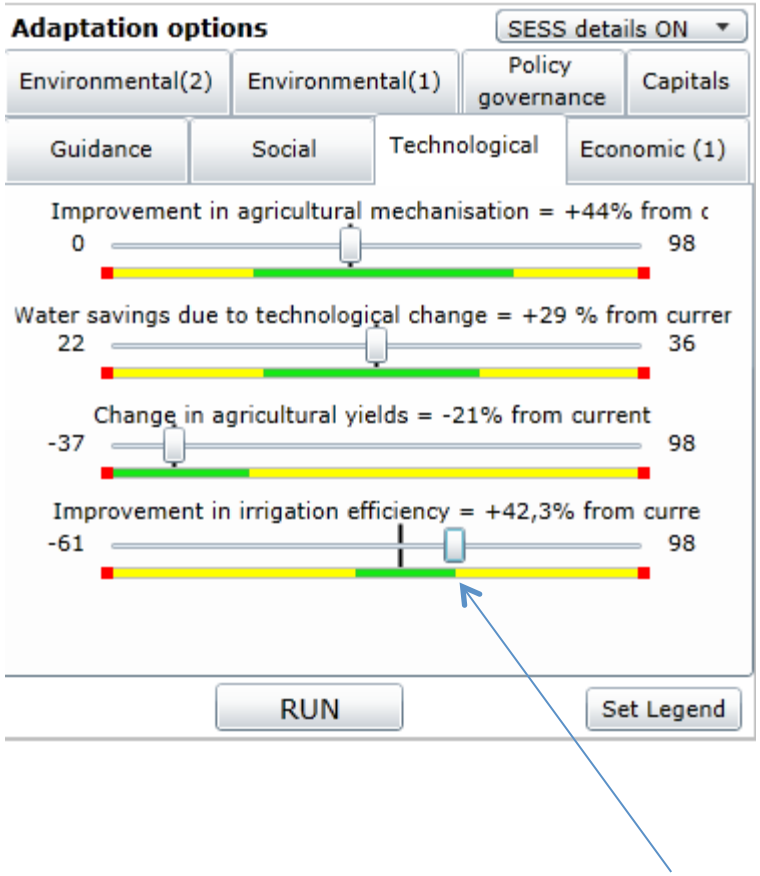


Flood Protection Upgrade 100%

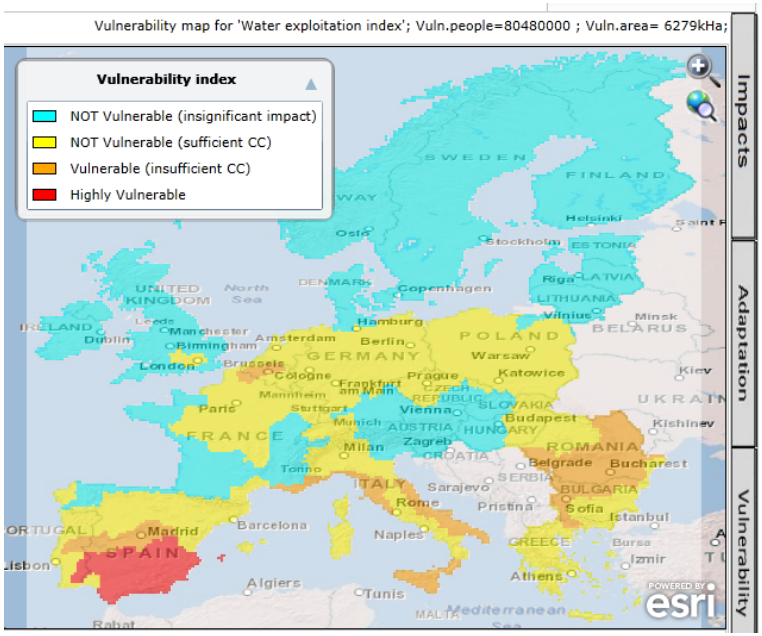


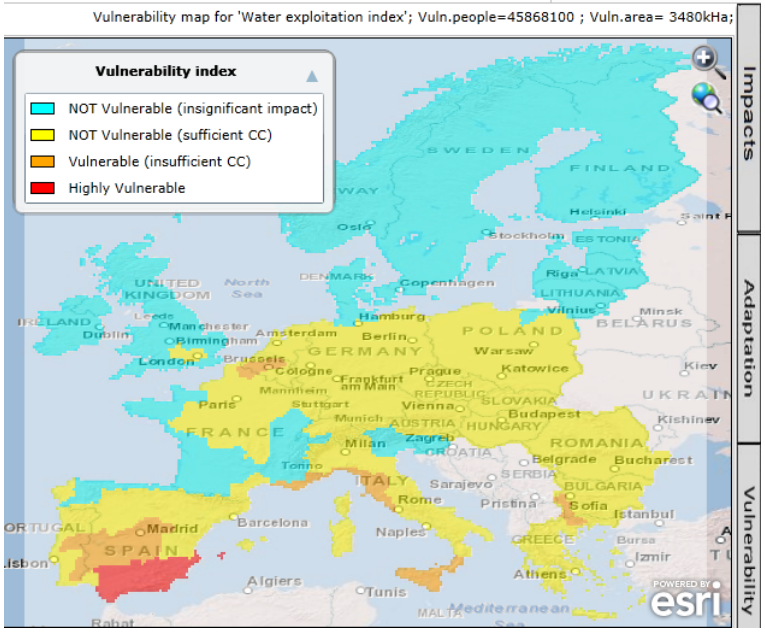
More adaptation





Water -Vulnerability

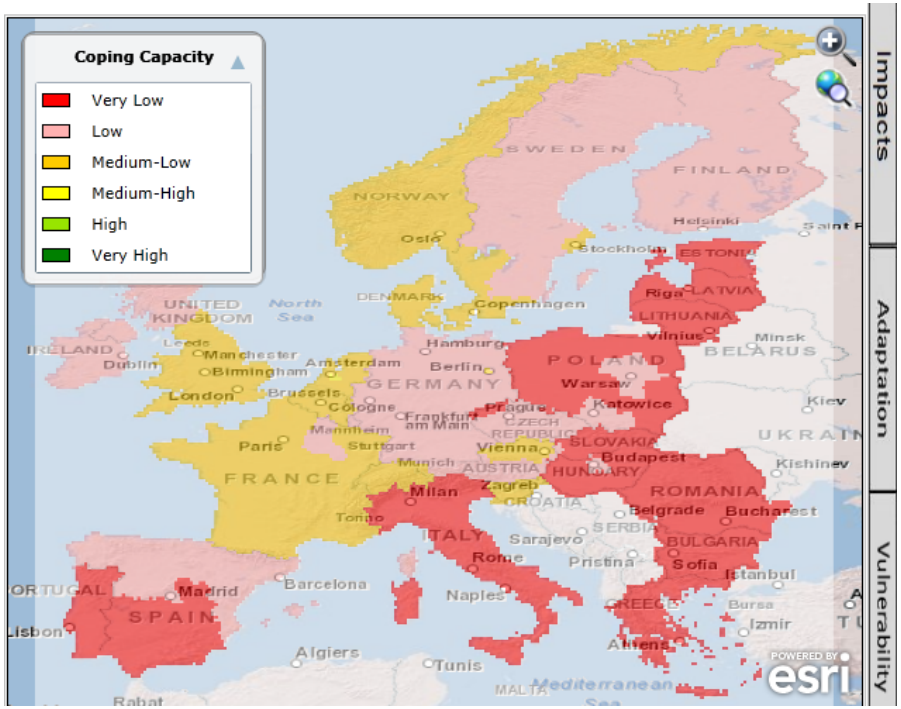




- No Adaptation

+ irrigation efficiency

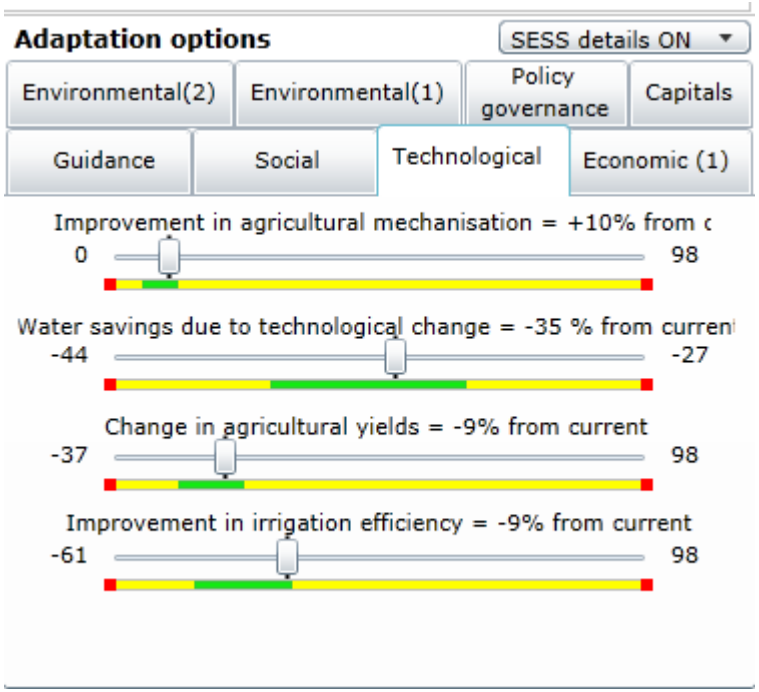
Coping Capacity Depends on Socio-Economic Scenario



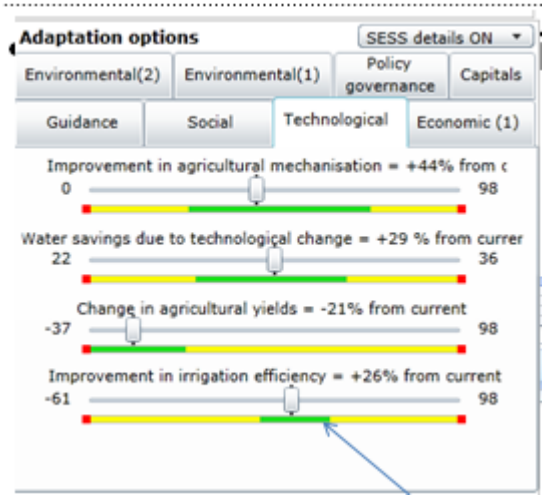
- ICARUS

We are the world

Adaptation also depends on the socio-economic scenario



ICARUS



We are the world

Thank you for your attention!

- www.climsave.eu
- Credits to the project partners and to our stakeholders. The project is supported by the European Commission, FP7.
- The IAP is not a decision-support tool. EXPLORE and LEARN (especially about cross-sectoral effects).