# Simulating optimum land use at any location for any future scenario (CLIMSAVE/IMPRESSIONS)

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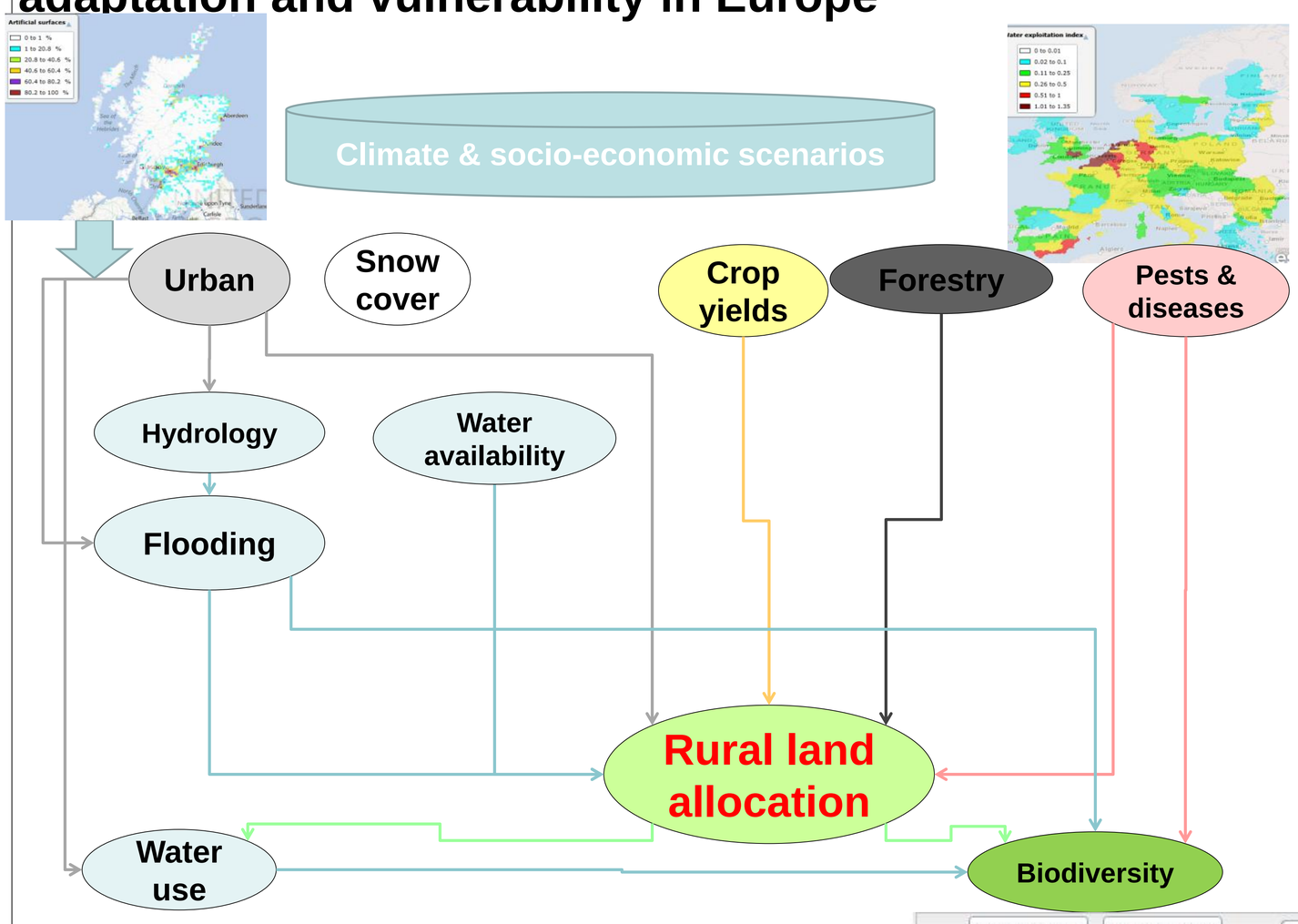
## Climate change integrated assessment methodology for cross-sectoral adaptation and vulnerability in Europe




Cranfield have long-standing expertise in predicting the location-specific environmental impact of different farm systems, future regional land use, and the impact of current and future climate and socio-economic conditions on farmer decision making.

- Regional integrated assessment and location-specific modelling (RegIS, RegIS2, CLIMSAVE)
- Scenario-based modelling of future land use (AgFutures, ChReam)
- Crop, farm systems and environmental impact modelling (MEASURES, AgriLCA)
- Multiple objective modelling (RELU)
- Hydrological modelling

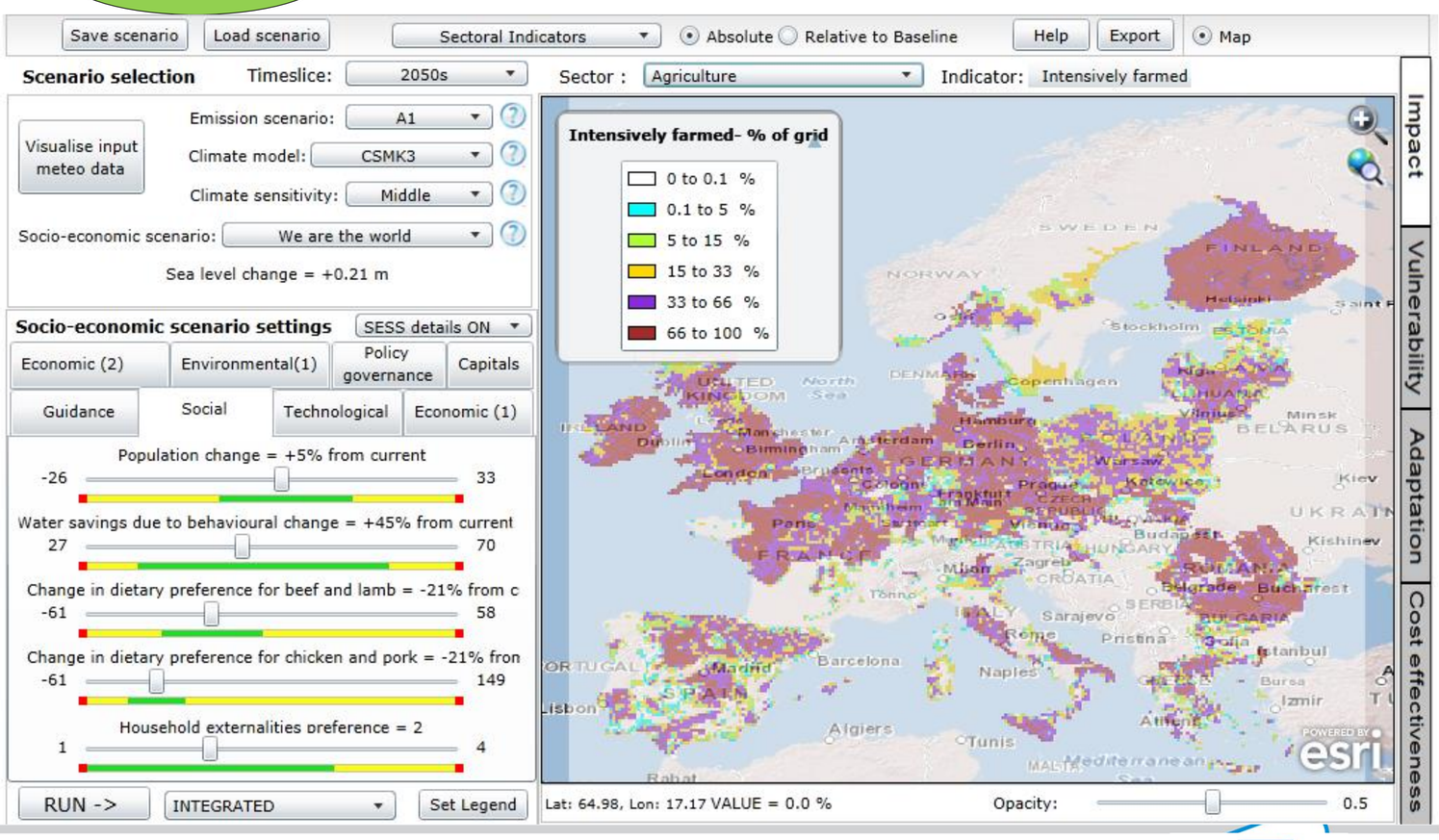
## IMPacts and Risks from high-End Scenarios: Strategies for Innovative solutiONS

The CLIMSAVE Integrated Assessment (IA) Platform (IAP) is a unique web-based tool to enable you to explore impacts, adaptation and vulnerability to climate change from regional to EU scales

- Impacts – simulate how future climate and socio-economics change may affect urban, flooding, agriculture (arable and grassland), forest, water resources and biodiversity
- Vulnerability – identify 'hot spots' in Europe
- Adaptation – assess how adaptation can reduce impacts

**Accessible at www.climsave.eu**

The IMPRESSIONS project is updating the CLIMSAVE IA Platform to investigate the effects of 'high end' warming scenarios.

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