

Integrating farm-level socio-economic indicators and ecosystem services: Towards the identification of sustainable trajectories of development of Mediterranean agriculture.

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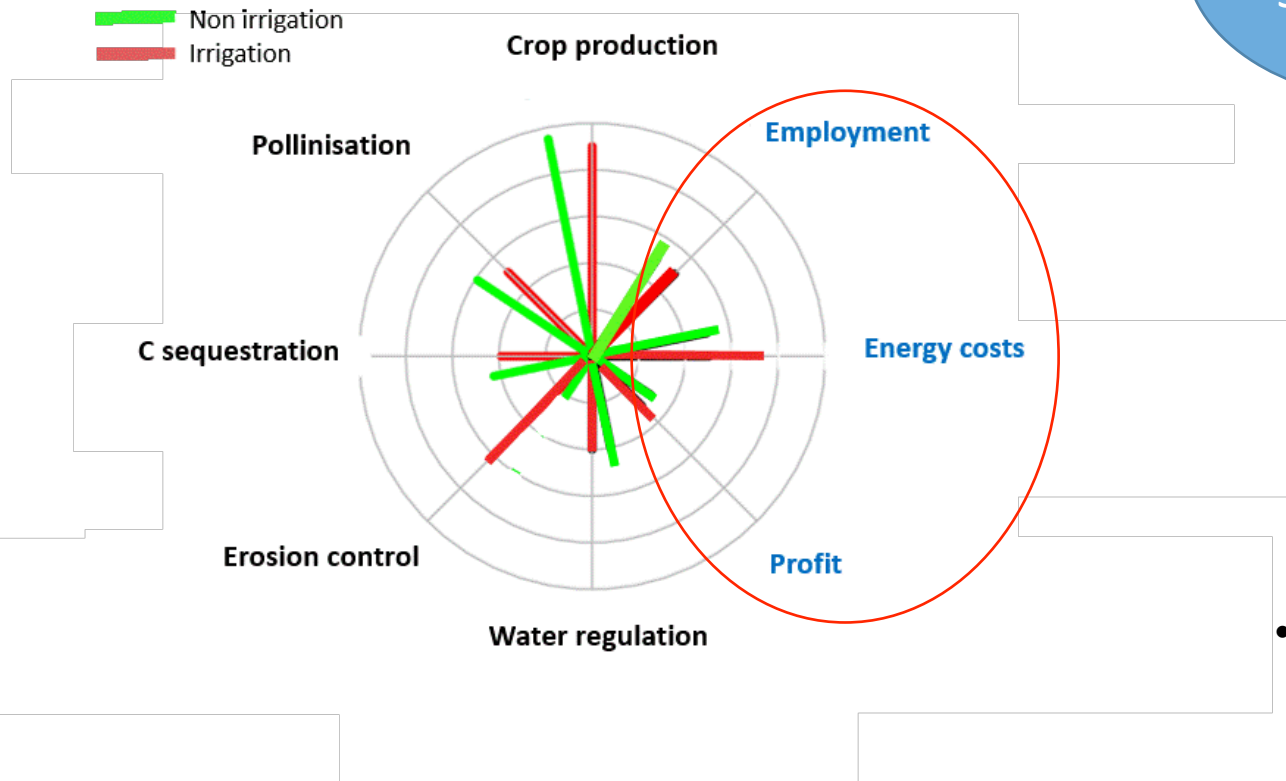
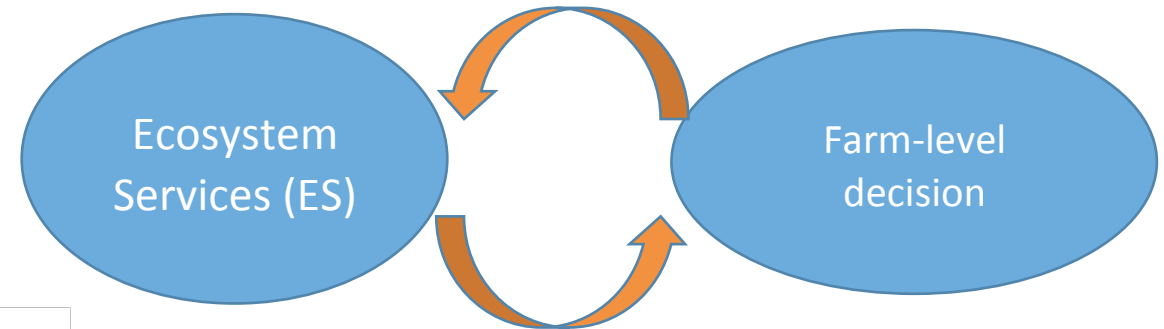


Objectives:

1. Highlight the *topic* connections between environmental and farm socio-economic features;
2. Define a set of *available* indicators targeting these connections.
3. Identify data availability (S. Mediterranean), and main data gaps that should be covered for a more reliable and comprehensive assessment.
4. Expert-based assessment of expected impacts that different ESs would have on these indicators/variables;

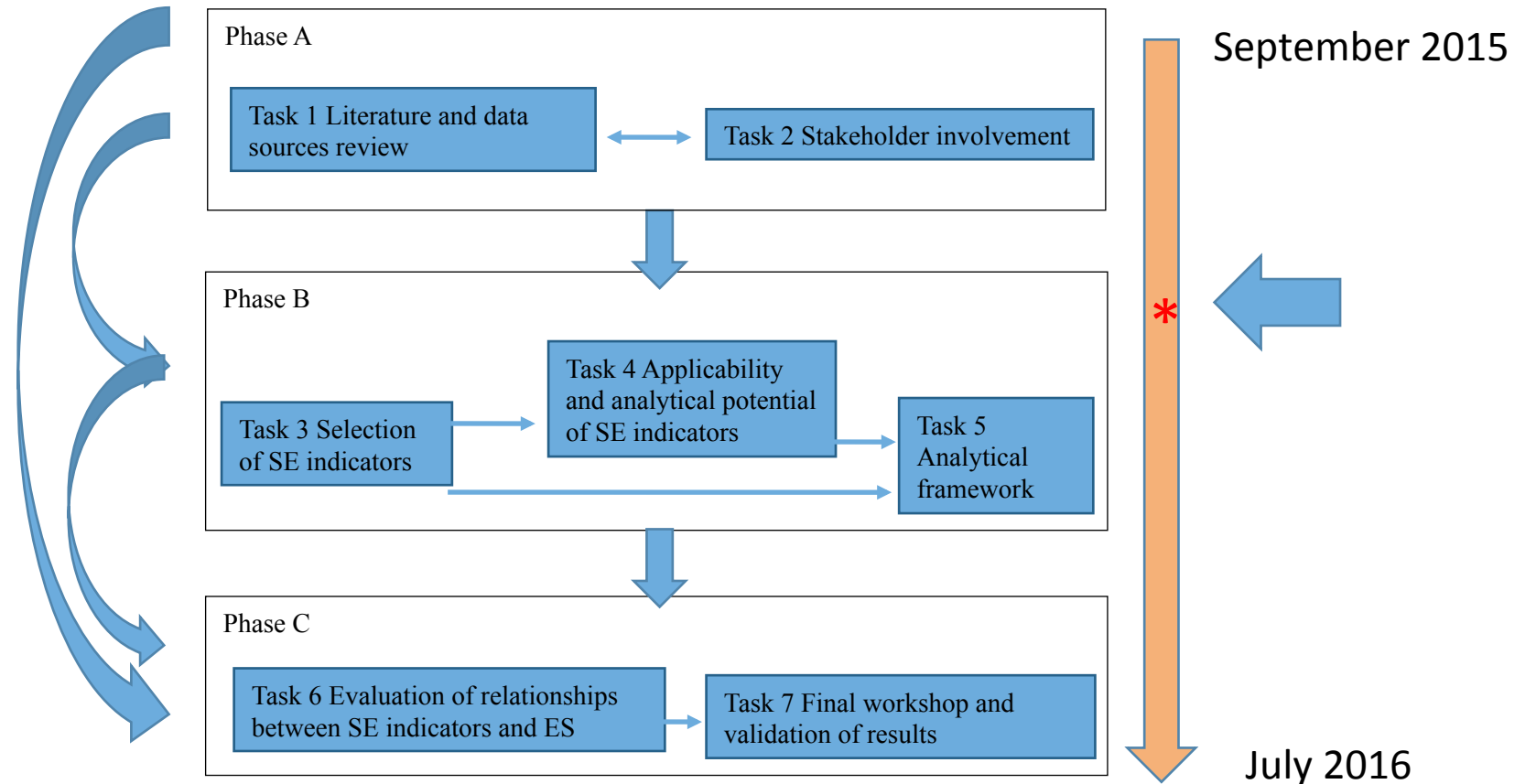
Focus

- Focus on farm level as it is the main agricultural decision scale
- Focus on feedback effects between SE indicators and ESs
- Coordination with the LPJmL model



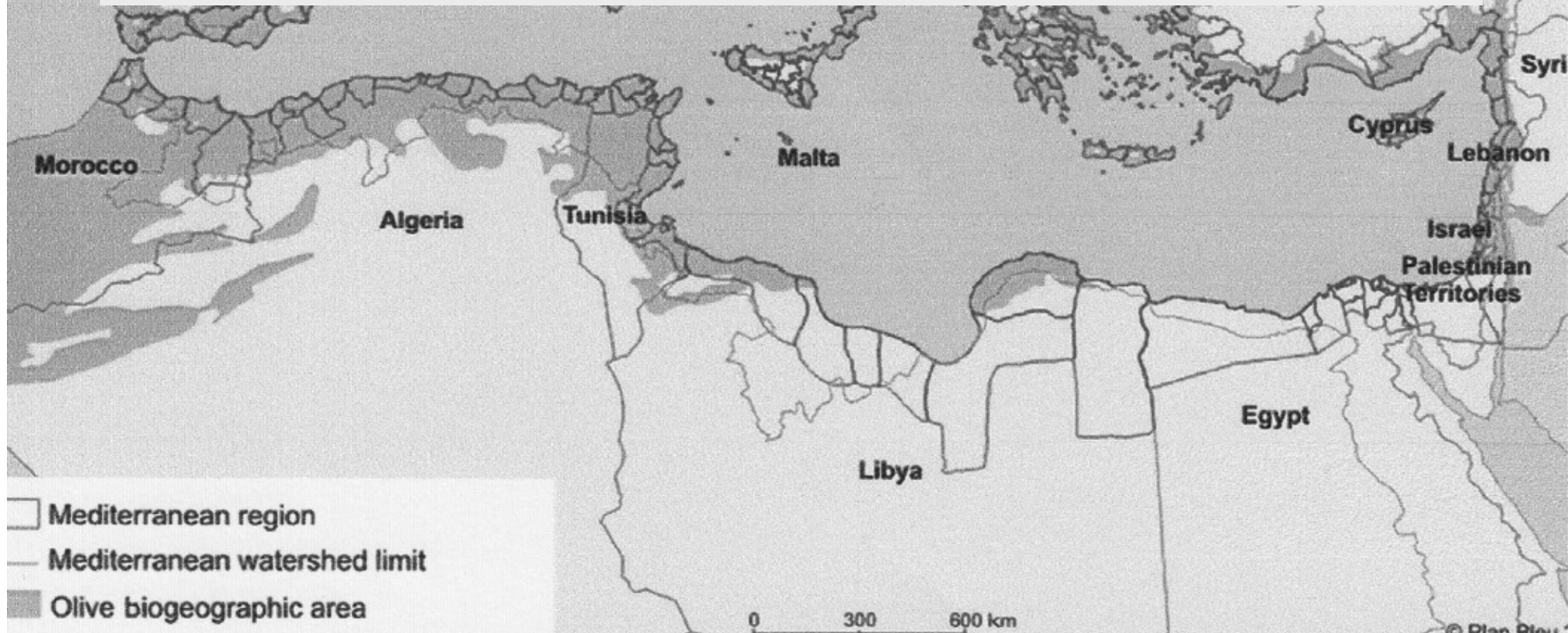
- Some references:
Dale and Beleyer, 2001; Eakin et al., 2011; van Zanten et al., 2014; Morrison, 2014; Villanueva et al., 2015;

Workplan



Results

- SE indicator review: around 1000 indicators
- Classification in 13 *themes* (e.g. Durability, profitability, etc.) and 52 target variables (e.g. Inputs, education, etc.)
- Feedback from local researchers from 4 S. Med. countries (n = 7)



Next steps...

- Data availability and gaps
- network definition and validation
- Expert-based evaluation (structured assessment based on decision science techniques)
- final workshop -> round table and discussion of results

Merci pour votre attention!