

The Ocean Multi-use Assessment Framework

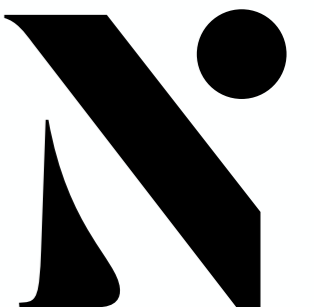
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OD Nature - MARECO

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What is ocean multi-use?

- Combining two (or more) activities in a single area
- Diverse forms, depending on how much is shared (space, time, infrastructures, operations, etc.)
- Examples: OWF with aquaculture, OWF and solar energy production, tourism and aquaculture, tourism and active restoration, etc.



@Muses (EU H2020)

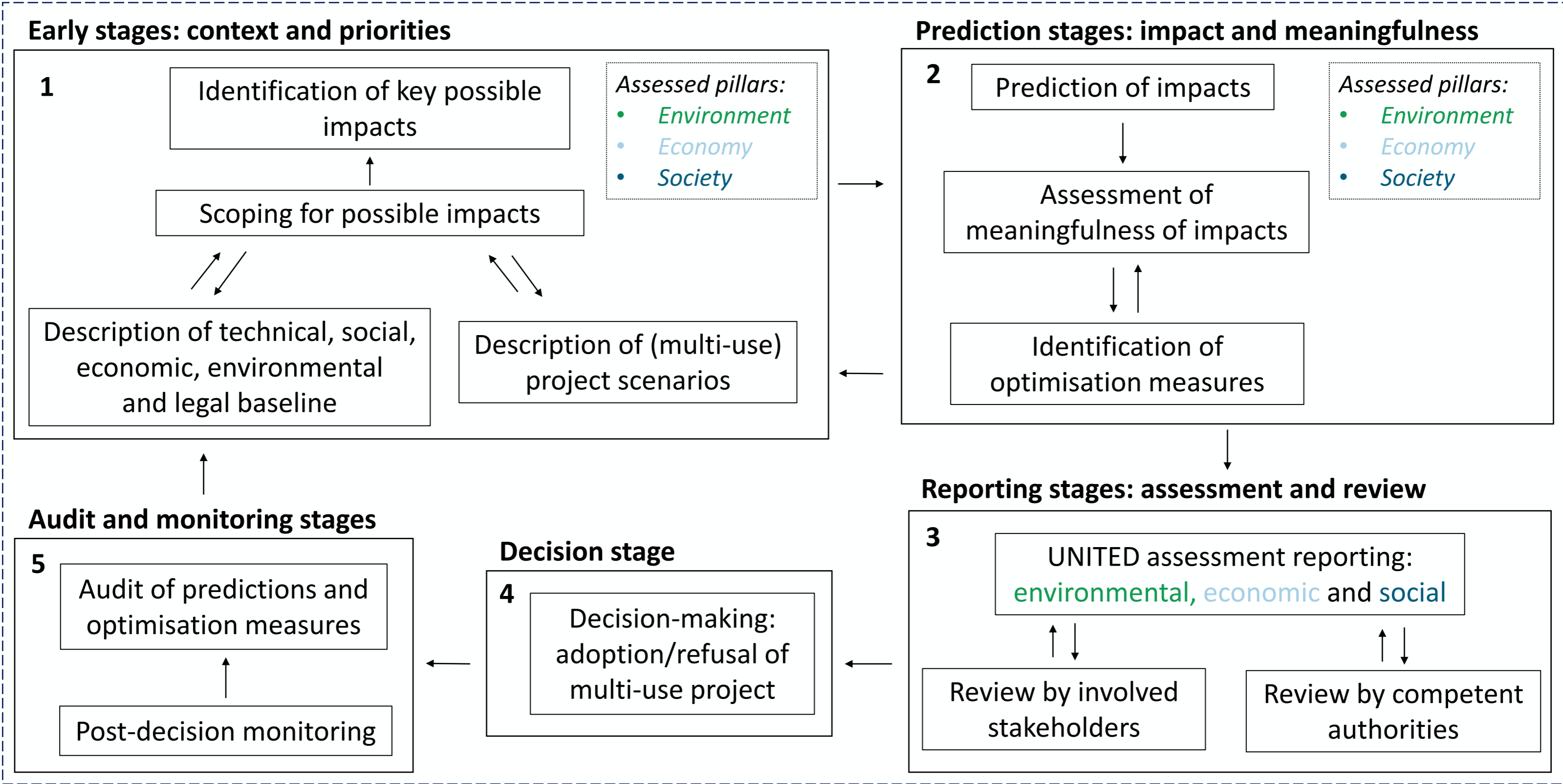
Why ocean multi-use?

- Crowded seas: resolution of conflicts over space
- Making space for smaller, less powerful sectors
- Generating environmental, economic and social synergies
- But is it really better? How do we assess the added value?

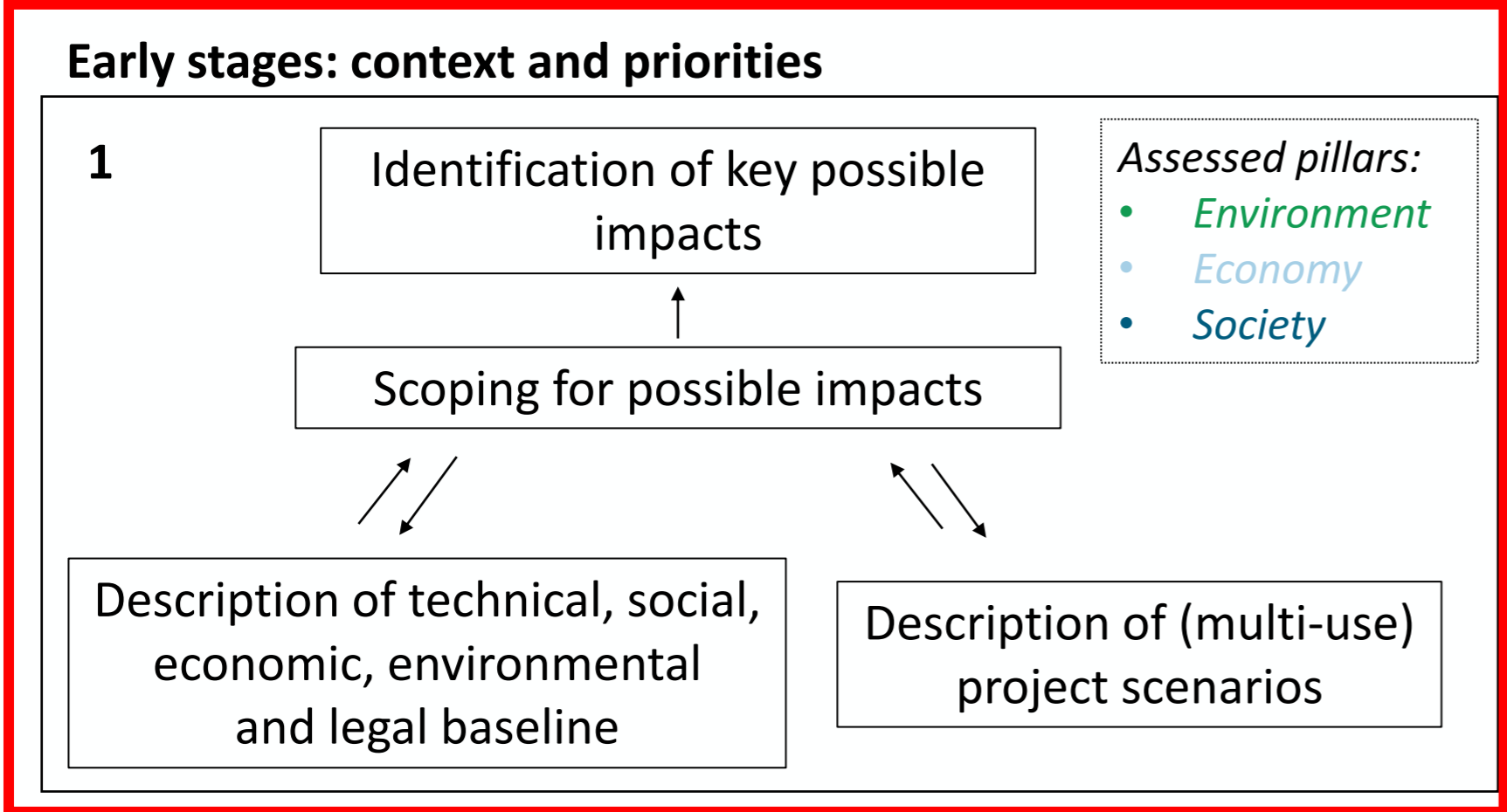


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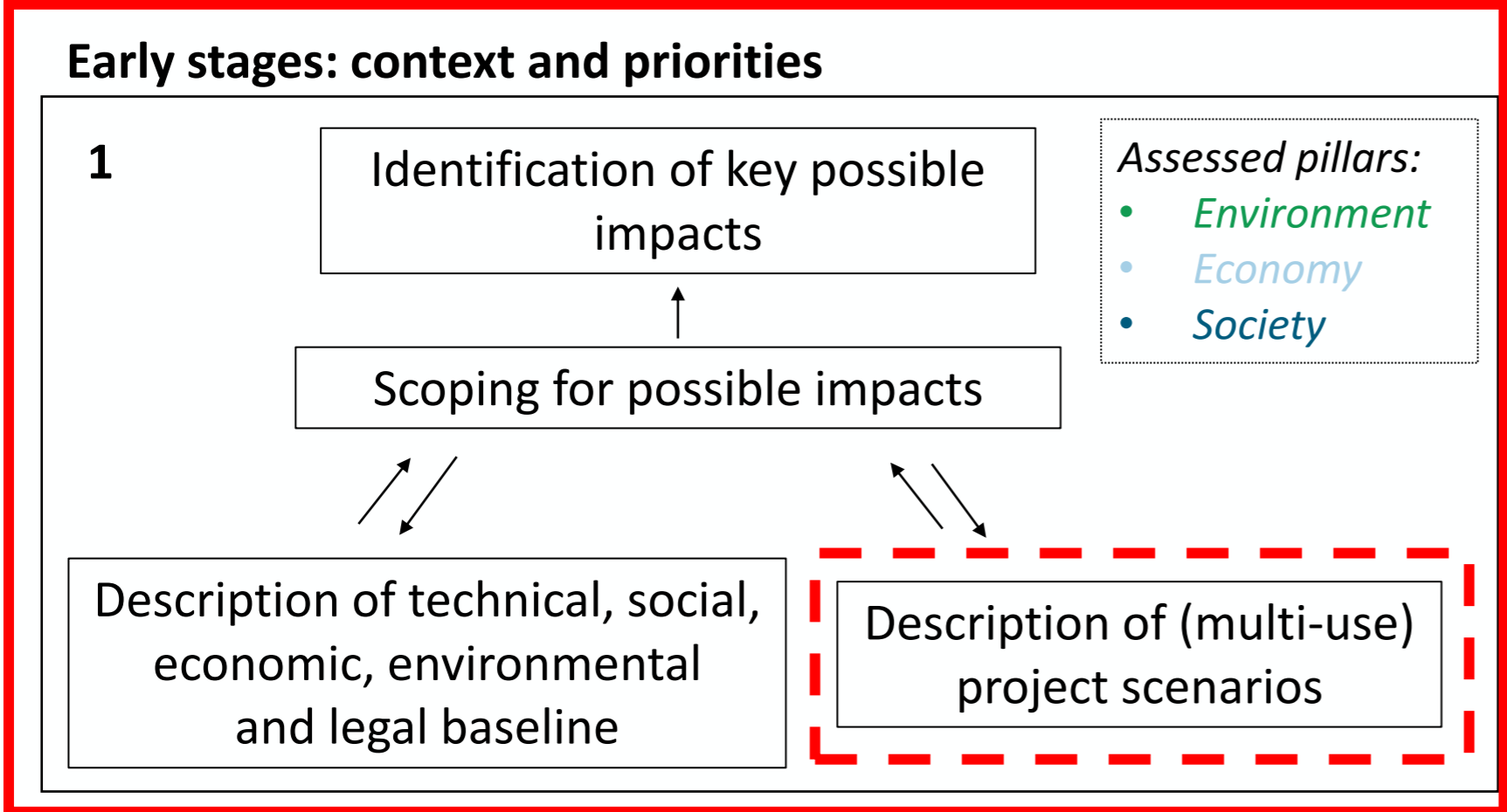
Stakeholder engagement

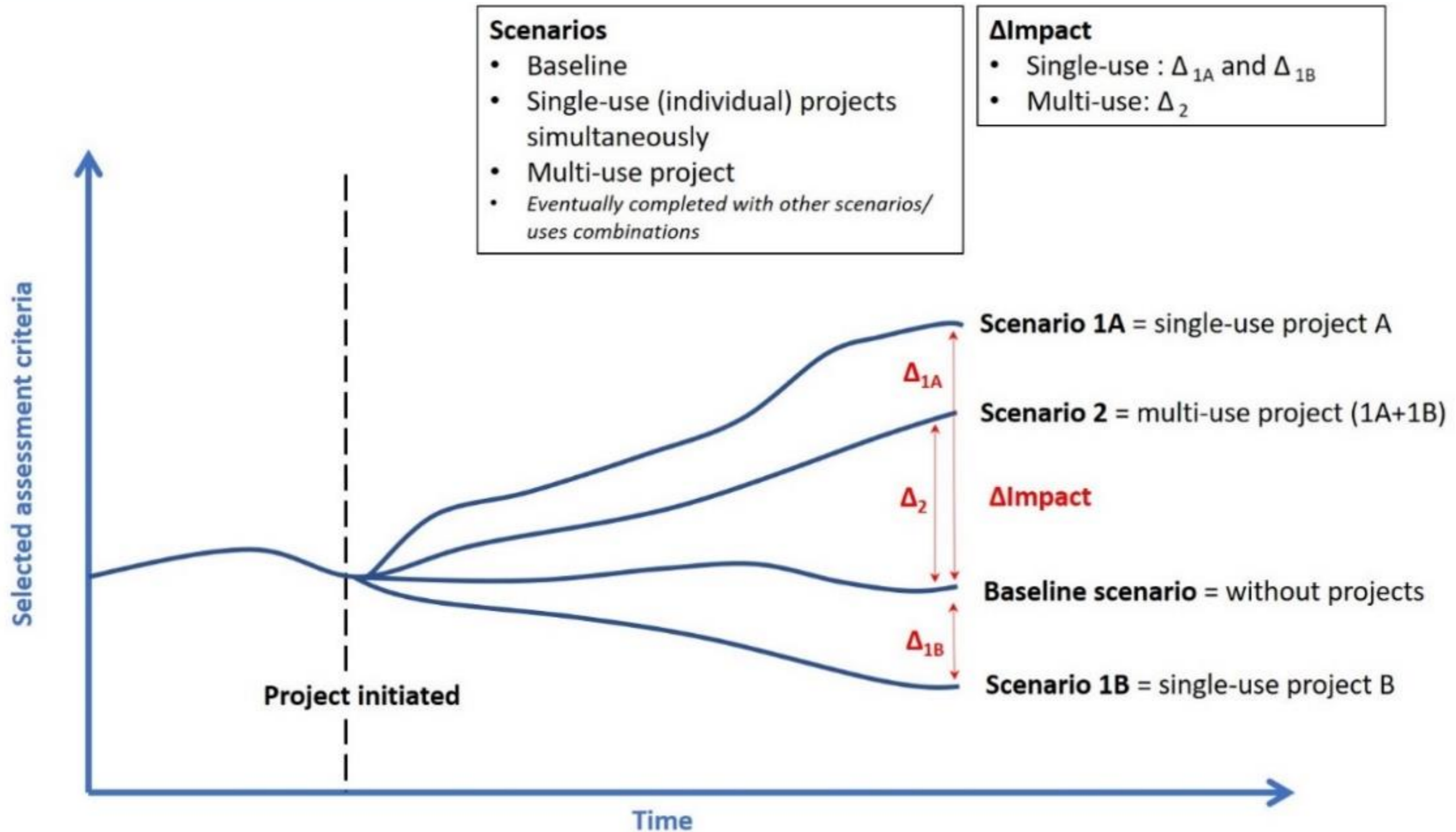


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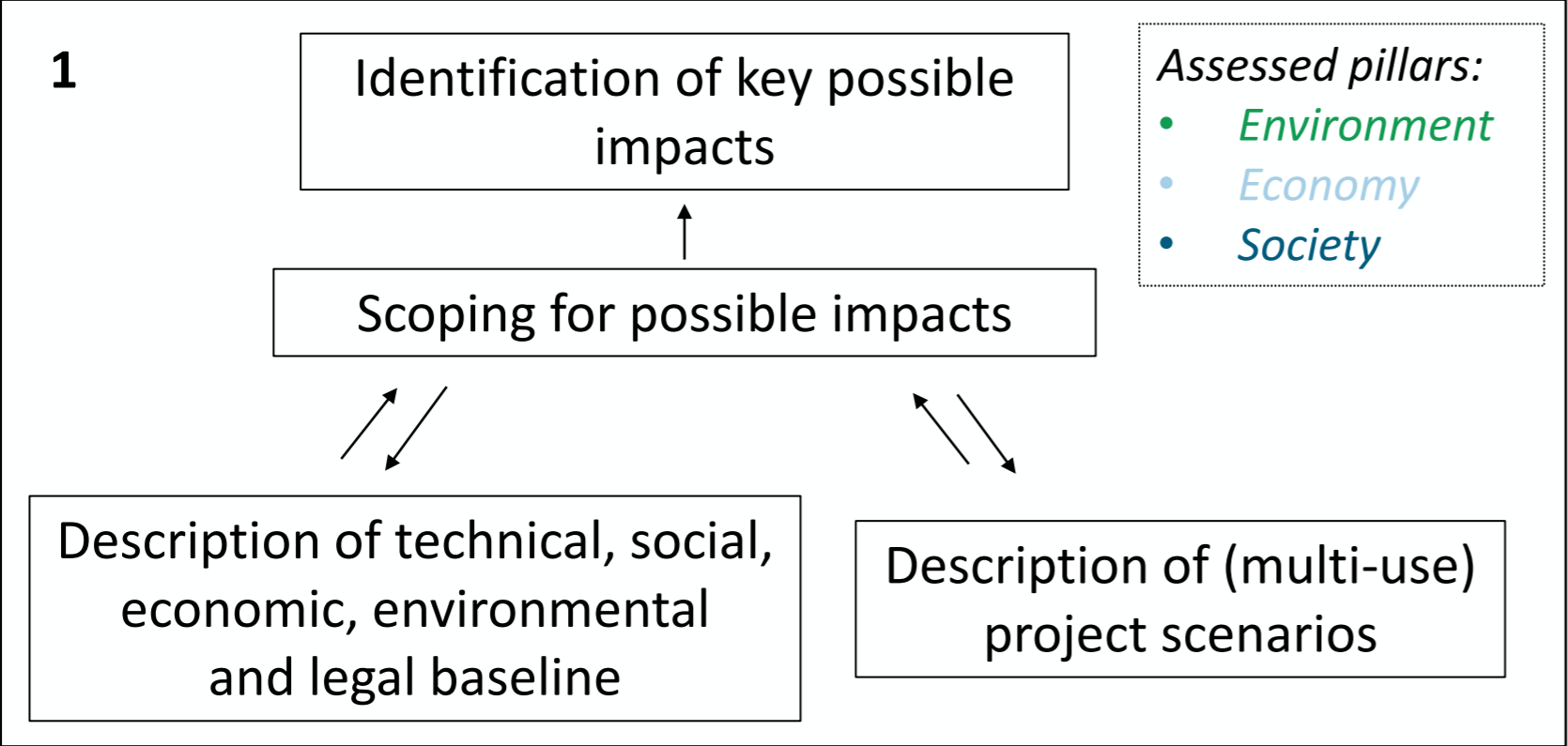
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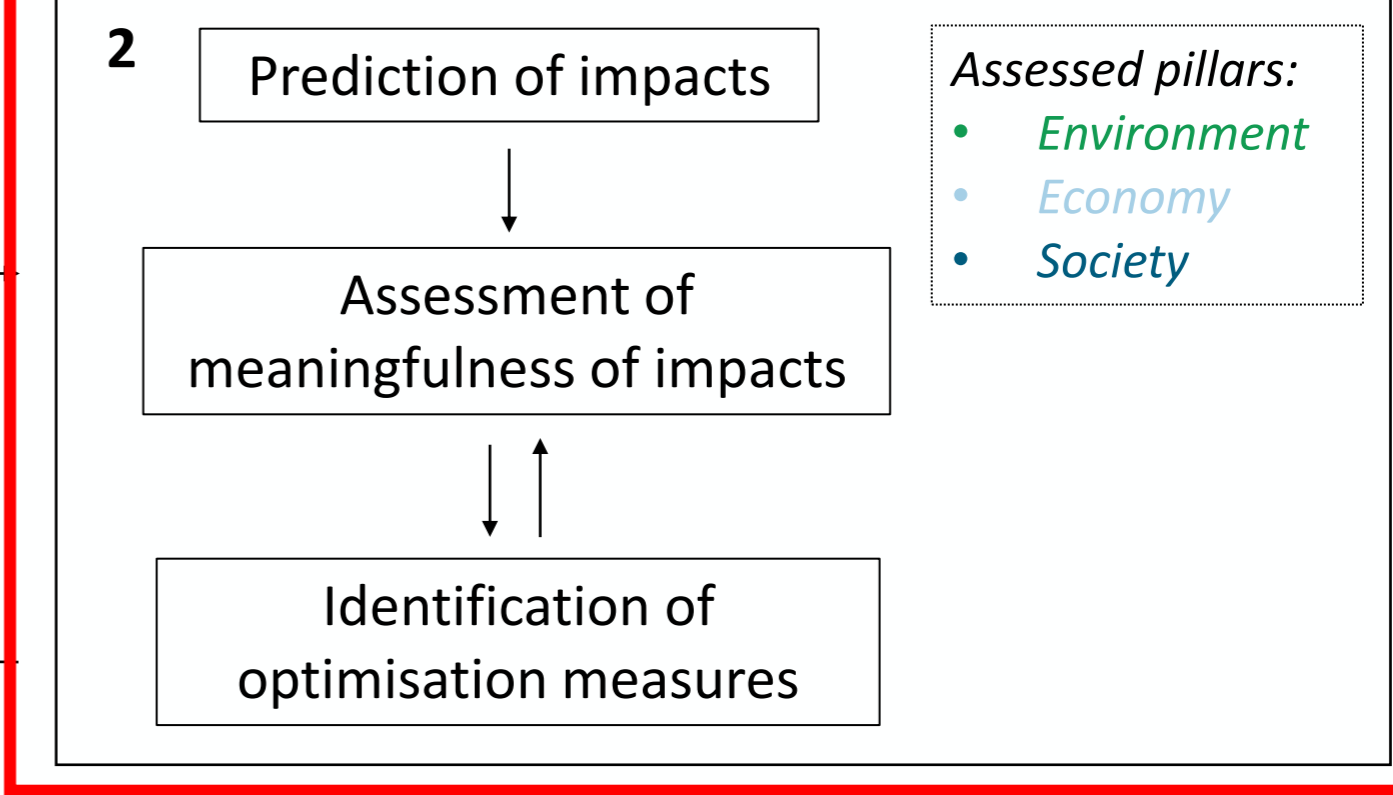


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Early stages: context and priorities

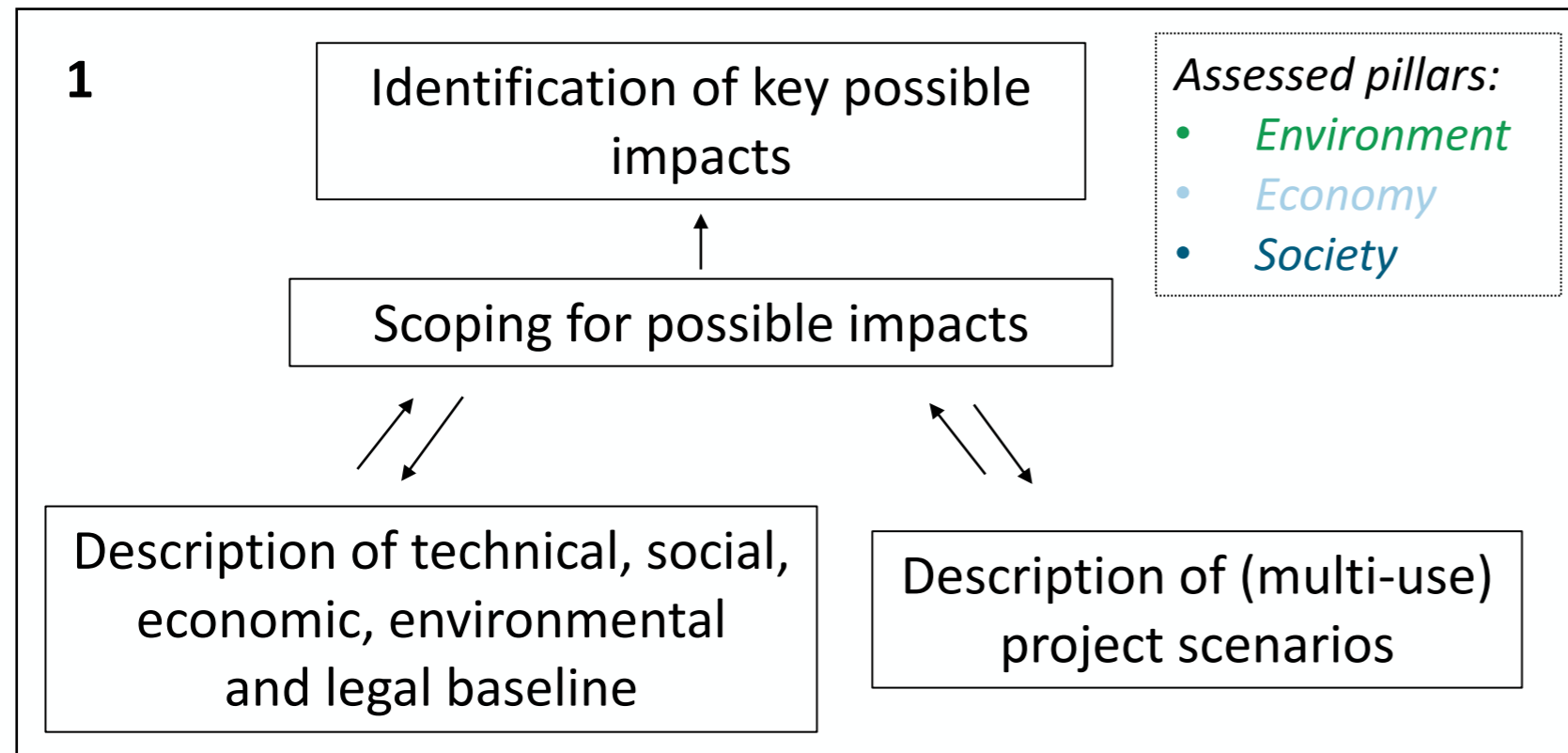


Prediction stages: impact and meaningfulness

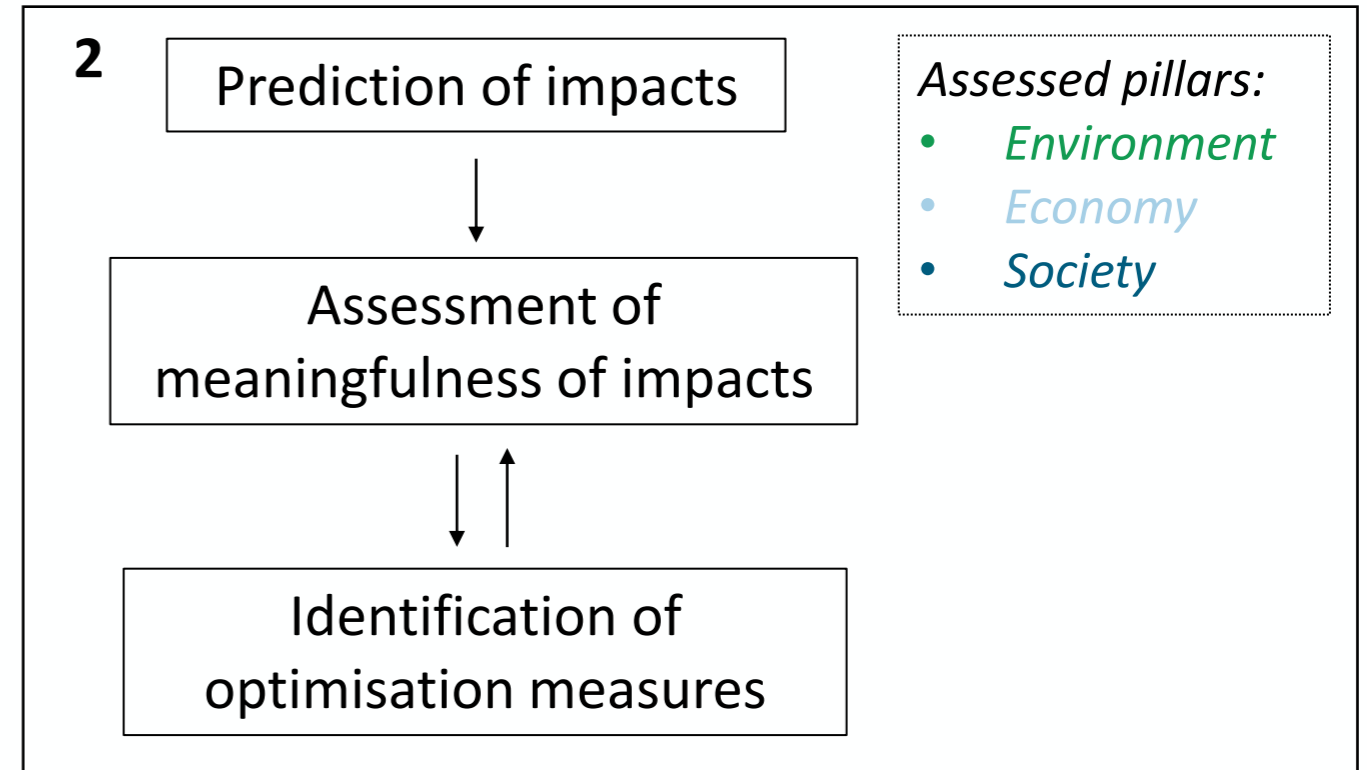


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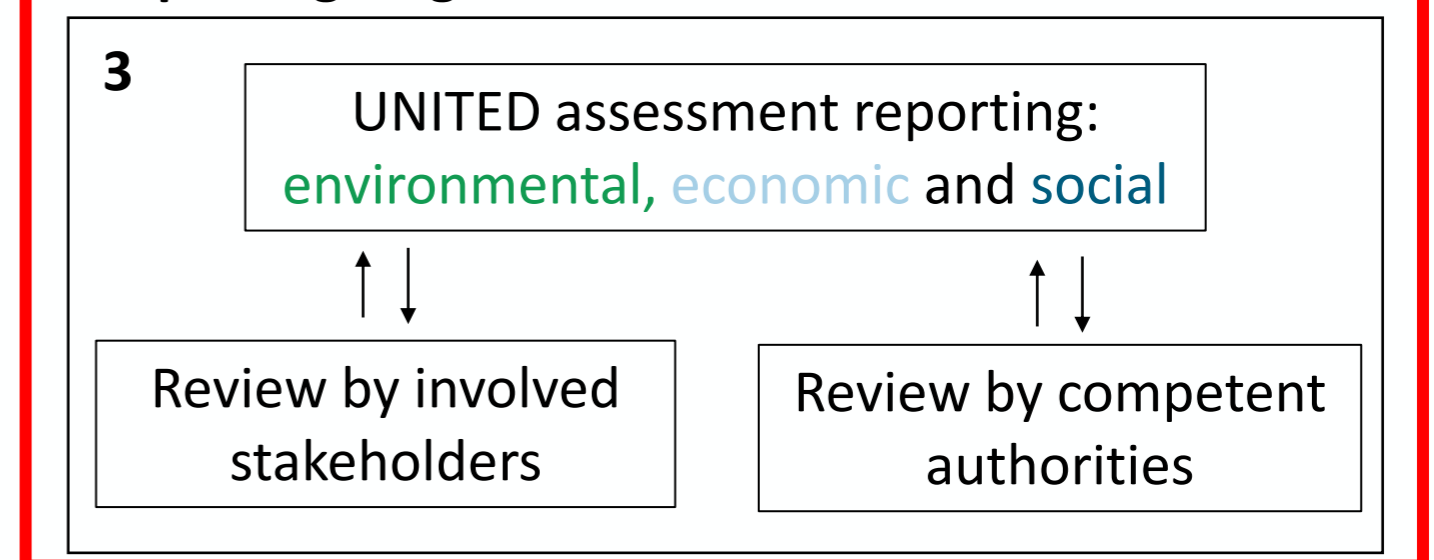
Early stages: context and priorities



Prediction stages: impact and meaningfulness

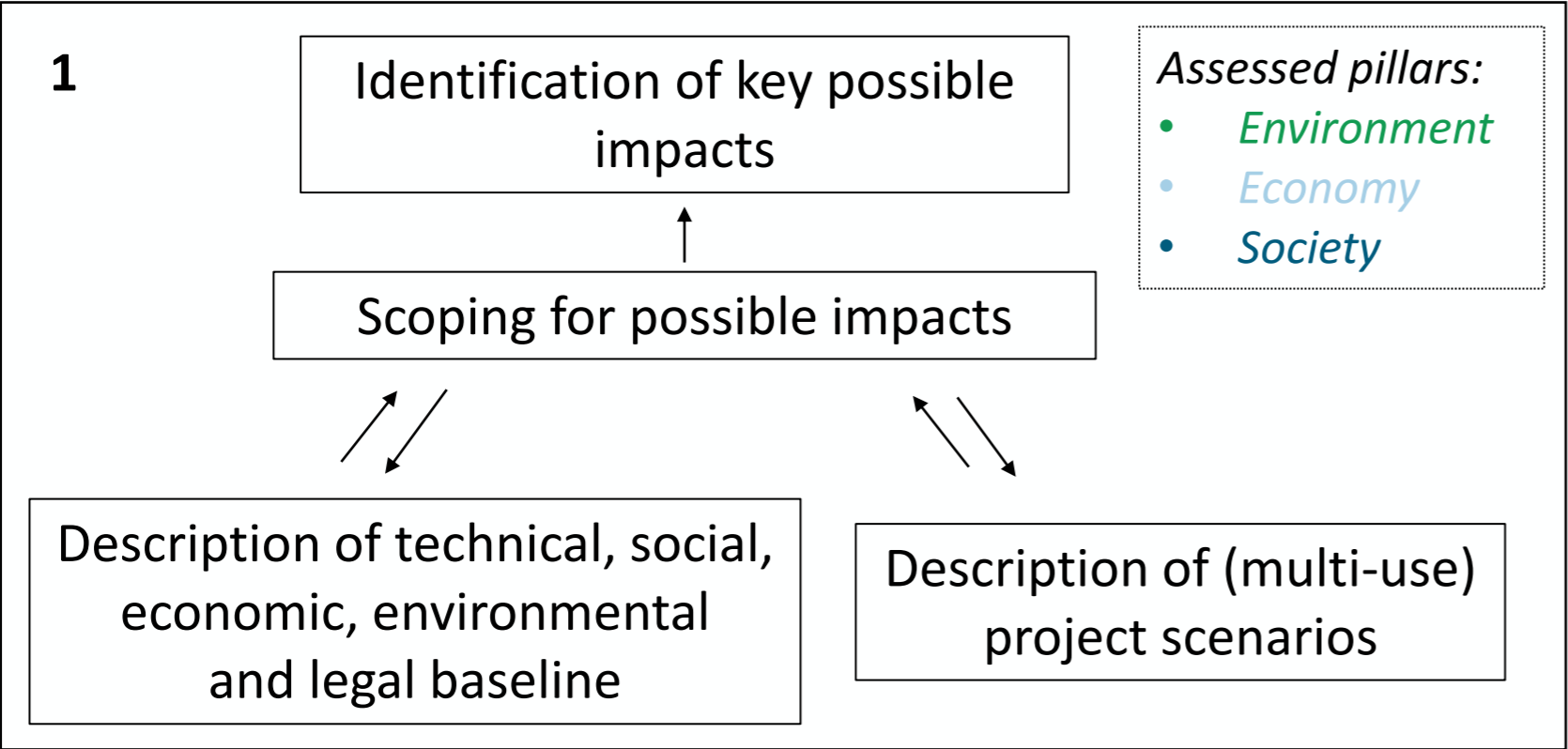


Reporting stages: assessment and review

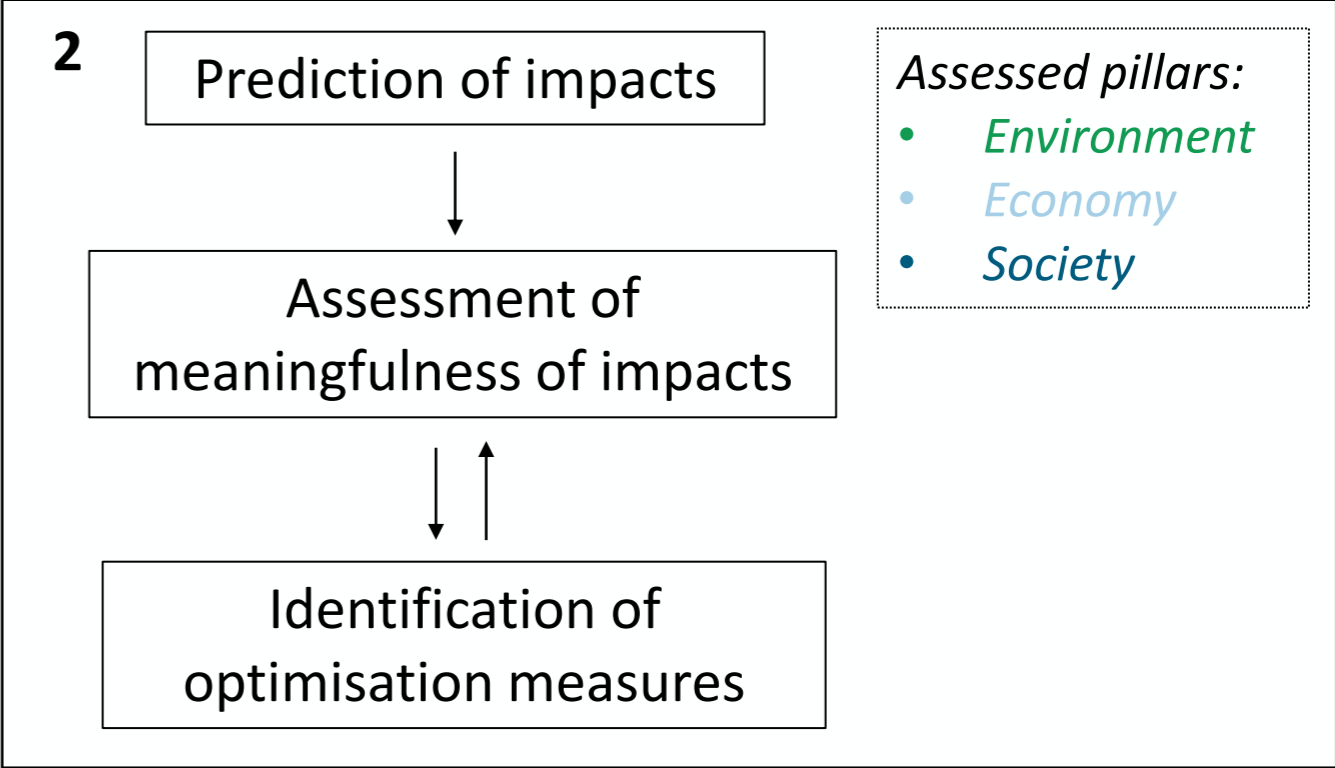


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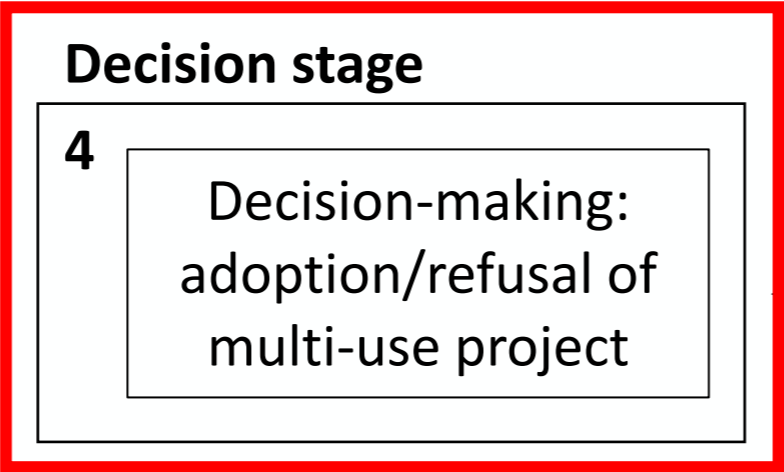
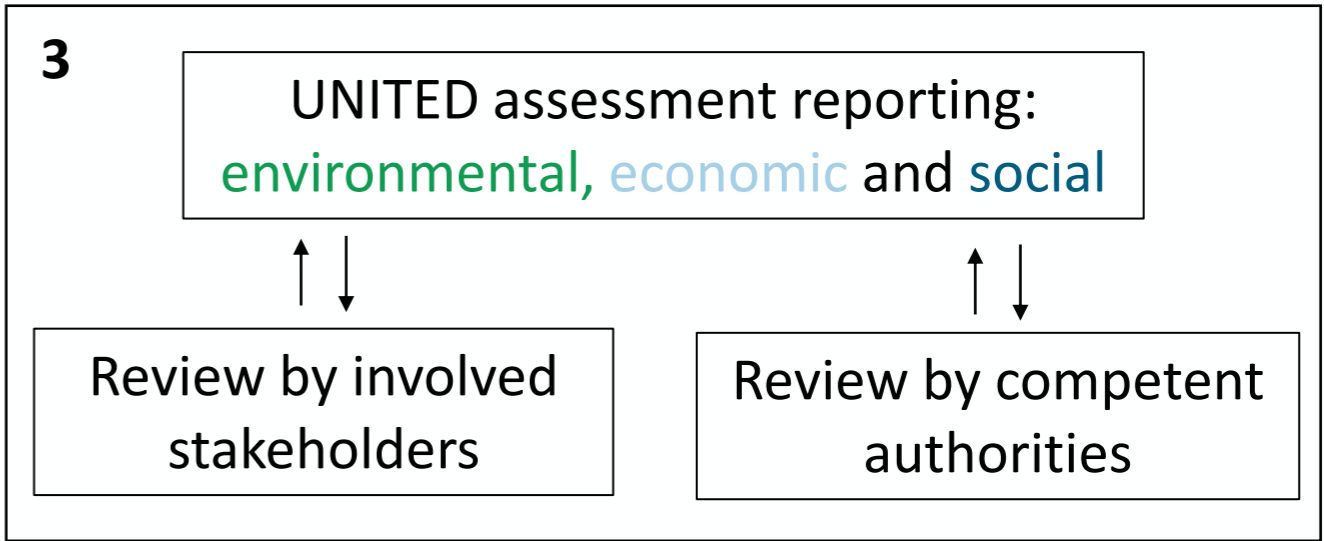
Early stages: context and priorities



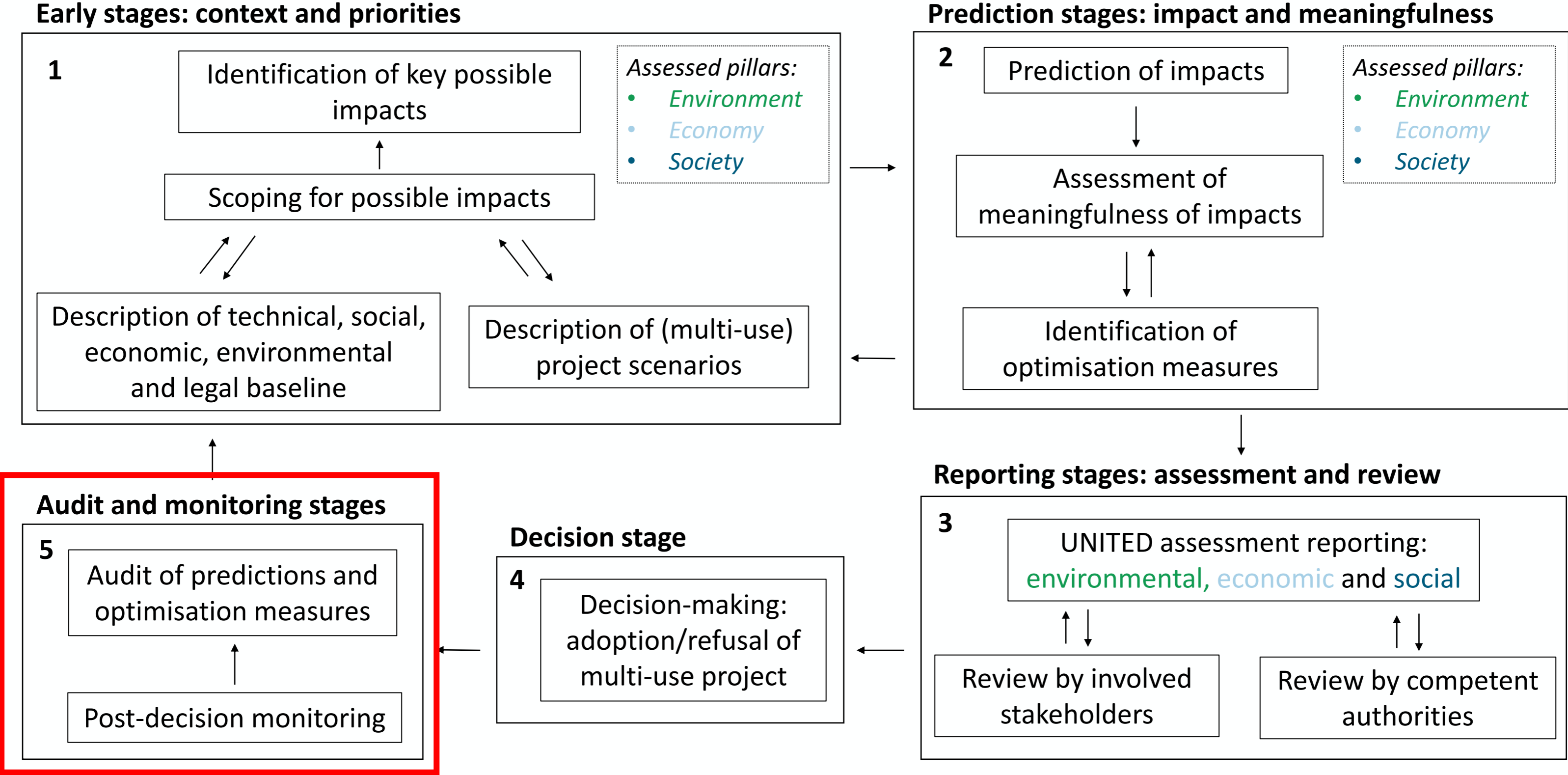
Prediction stages: impact and meaningfulness



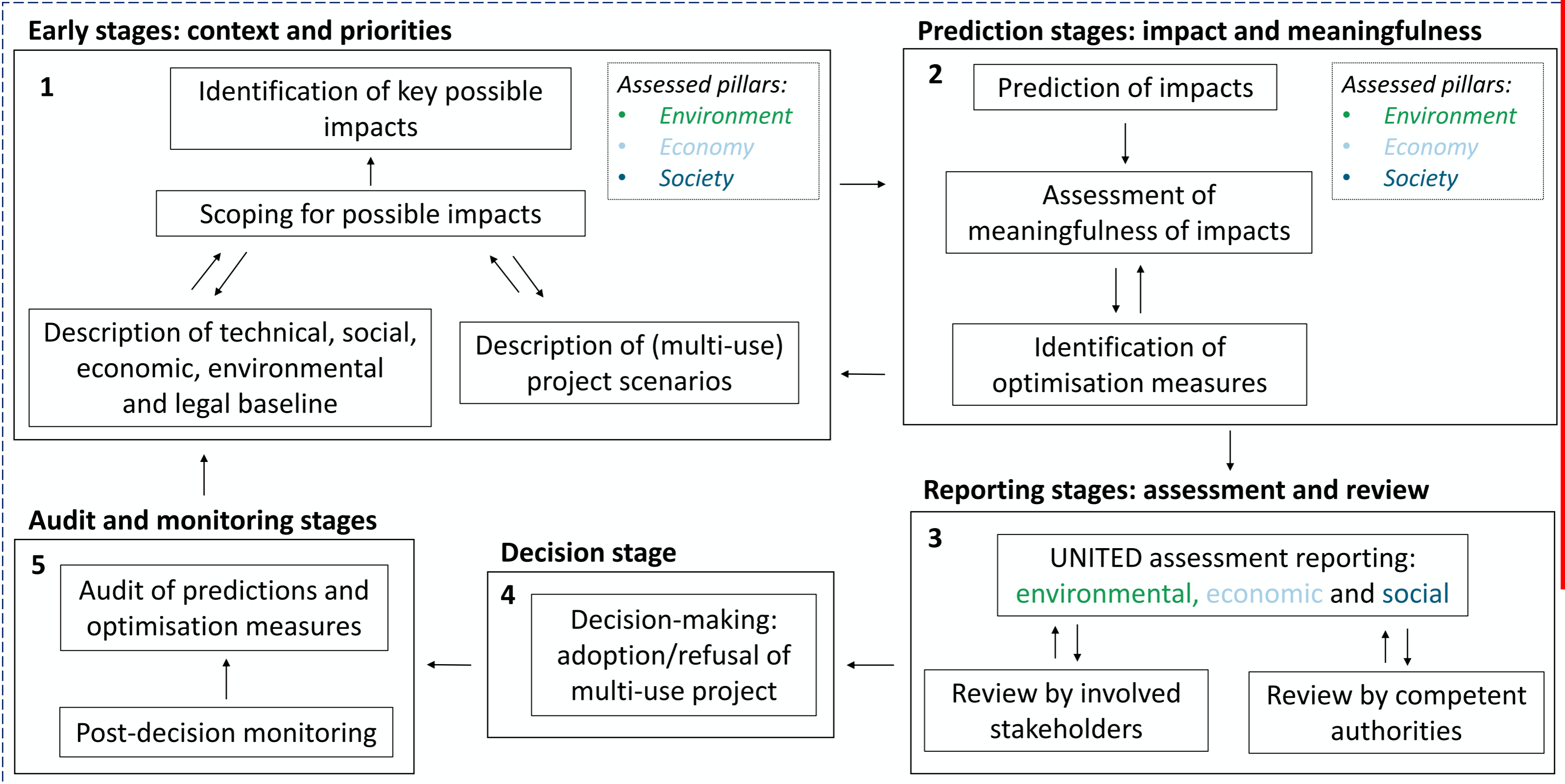
Reporting stages: assessment and review



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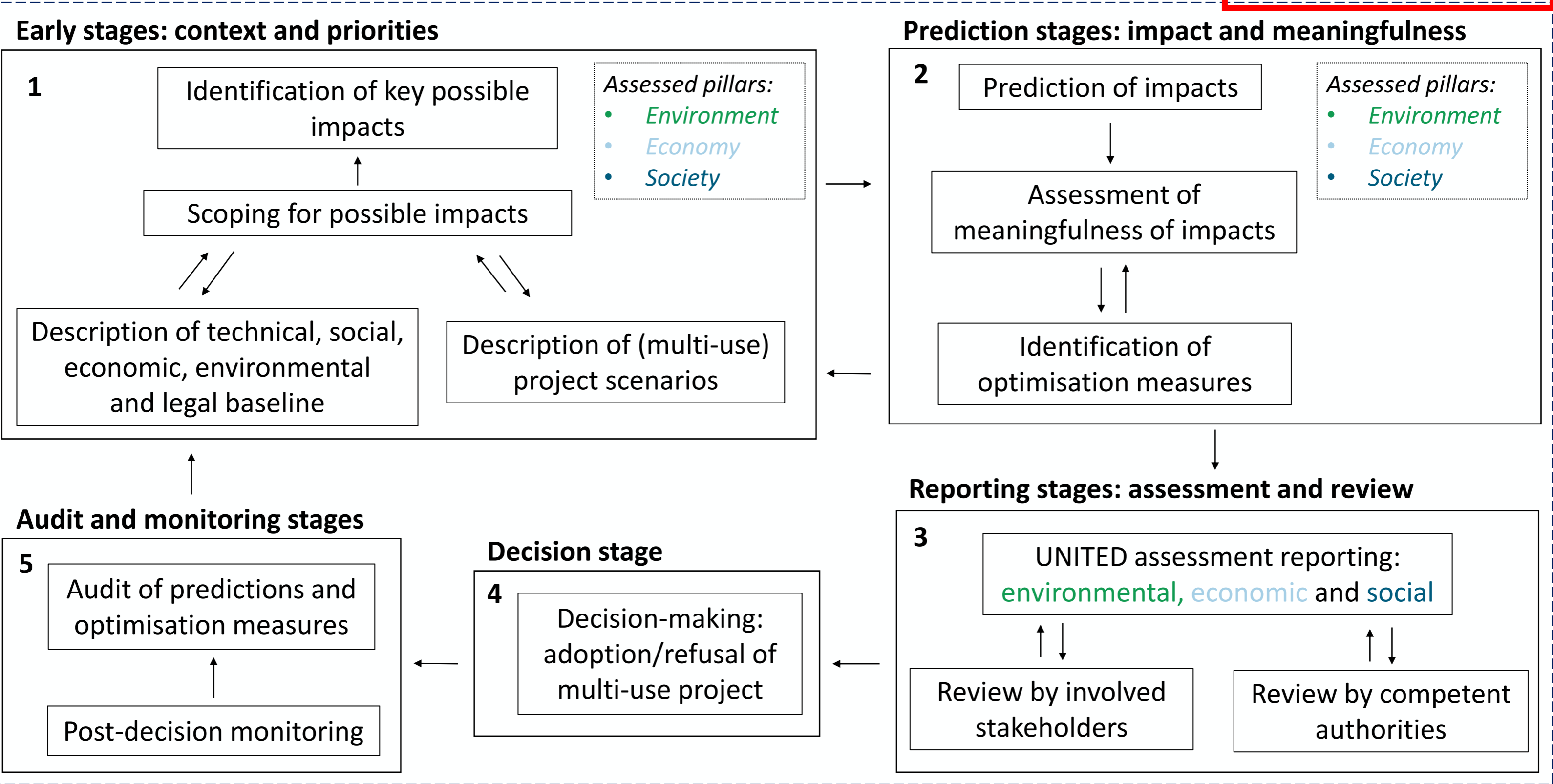


Enabling conditions: Technology and Regulations

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Stakeholder engagement

Enabling conditions: Technology and Regulations



Strong points of the OMAF

- Provides an answer to the following question: *Is multi-use better than single-use?*
- **Integrated** approach based on the three pillars of sustainable development
- **Realistic** assessment taking into account enabling conditions of multi-use
- **Flexible** in the method for impact assessment (pillars, context, etc.)
- **Transposable** to all projects and contexts

Want to know more?

Van Gerven A.*, Kerkhove T.R.H.*, Lago M., Araujo A., Berge M., Mashkina O., Ziemba A., El Serafy G., Tamis J., Jongbloed R., Piet, G., Rozemeijer, M.J.C., Degraer S.

Facilitating an integrated assessment of impacts in marine multi-use: the Ocean Multi-use Assessment Framework (OMAF) - In preparation



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