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Satellite Climate Observation for Offshore Renewable Energy Cost Reduction

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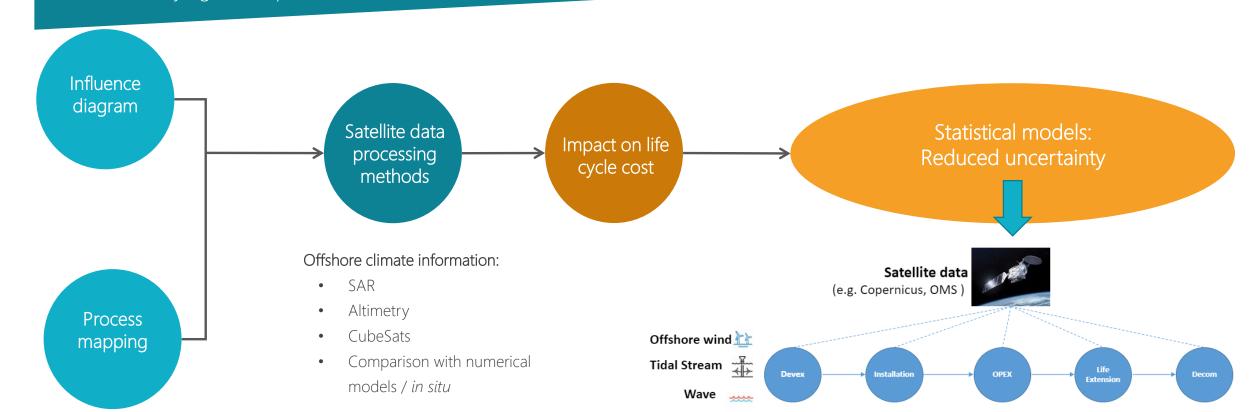
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PROJECT AIM

This project aims to take satellite data usage in ORE to the next level by better linking:

- 1. Satellite data.
- 2. Models driven by such data.
- 3. Decisions driven by the model outputs.
- 4. Quantifying this impact on LCoE.



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WP1 progress report:

- 1. Wide cross-section of ORE industry already engaged
 - detailed discussions with 15 companies from ORE and satellite sectors and experts at 4 academic institutions.
- 2. Key lifecycle interaction points have been identified for wind and wave energy with a planned extension to tidal.
- 3. Potential influences have been grouped and characterised beginning a structured study and dissemination of findings.
- 4. Valuable findings, and a need for cross-disciplinary understanding at these early stages, has led to an additional planned journal publication as part of the WP1 deliverables.

