

Stepping Stone Missions

What are the Stepping Stone Missions?



Stepping Stone Mission Definition Phase Studies:
→ A new element in FutureEO (Pillar 1 EO Foundations)

The Stepping Stone Missions aim to address the niches in the current EO mission ecosystem by responding to the need for **quality-proven services** at the **time-and-space sampling scales** required to **address National, European, and International environmental policies** and realize commensurate societal benefits.

They build upon established reference missions while targeting gaps currently not addressed spaceborne systems nor by other observation measurements (e.g. as in-situ, airborne, inventories).

Stepping Stone Missions aim to be:

- **User-driven**; Mission objectives are driven by user's identified requirements addressing environmental policies.
- **Service-oriented mission**; missions are conceived with a clear service and commercial perspective.
- **Scalable**; Mission concepts are conceived to be scalable and adaptable in order to accommodate environmental policy evolution, and market expansion.

Stepping Stone Missions – An end-to-end perspective

