

**General Support Technology Programme, Element 1 Develop:
“Assessment to Prepare and De-Risk Technology Developments”
Framework.**

The objective of this framework is to allow for assessments that will help prepare and de-risk potential development activities. The assessment will help evaluate the potential added value and to address critical issues. The results are intended to be used to help orient and adapt the follow-on development activity with respect to various aspects (i.e. technical, implementation, cost...)

Activities include a combination of the following tasks:

- Identification and analysis of specifications for one or more space applications and the technical assessment of the development actions and associated schedule and cost;
- Assessment of the potential benefits (performance, cost, lead time, risks...) and disadvantages of the potential solution with respect to the state-of-the-art;
- Assessment of potential critical issues related to using a given technology for a specific application, using analysis/simulation and/or breadboarding and testing;
- Preparation of the Development Plan for the potential follow-on technology development steps.

Activities should address any of the following application domains: Earth observation, science exploration, human spaceflight, space transportation, satellite navigation or generic technologies.

Procurement of assets (equipment and other physical facilities) is not the objective of this Framework.

The total cost for a given activity shall not exceed 200.000 Euro. The total cost for a given activity that does not include experimental work (i.e. breadboarding/testing) shall not exceed 80.000 Euro. The maximum duration for an activity shall be 9 months.

Upon De-risk successful completion, ESA and the National Delegation¹ may decide to proceed with the follow-on technology development activity. Such a follow-on technology development activity will be subject to a separate procurement action.

¹ The Norwegian Space Agency