



Eu-BEST



European Bench for Engine and Stage Testing (Eu-BEST) is the first **economically sustainable test facility** in Europe designed for **multiple users** and a **high-test cadence**.

The **modular, mobile, and adaptable** ground means will provide testing services to a variety of customers, across several locations.

In this project, **SpaceDreamS** acts as **technical architect** and will leverage the existing **LOXBox, MethaneBox, and TwinPad** solutions to provide a user-oriented design.

Operational Requirements

- To **test rocket engines & stages** from many different manufacturers
- To accommodate tests of up to **500kN thrust**
- To conduct up to **200 hot fire tests/year**
- To cost users less than **25k€/test** (excluding propellants)
- To be **operationally profitable** and sustainable without external funding

Eu-BEST brings together NewSpace and established industry leaders in one consortium: Clemessy (FR), OHB Digital Connect (DE), Institut d'Estudis Espacials de Catalunya (SP), SUAS Aerospace (IR), Pangea Aerospace (SP), and Aeroports publics de Catalunya(SP).



