



Space Environments Testing Management Office

# 2025 STRATEGIC PLAN

## MISSION

Actively manage and advance SETMO's testing and simulation capabilities to strategically align and support NASA's evolving missions and national aerospace enterprise.

## VISION

Lead the way in space and flight simulation testing for the Agency and the nation.



### Strategy

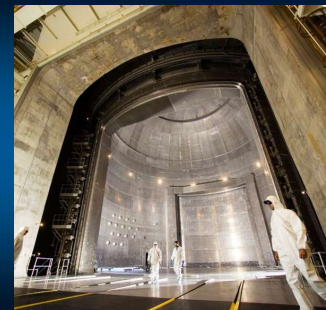
Optimize Portfolio  
Forecast Needs

### Management

Maintain, Sustain, &  
Modernize Facilities  
Streamline Processes

### Engagement

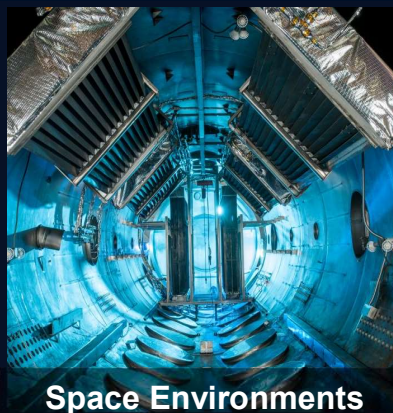
Develop Tools  
Advise Stakeholders



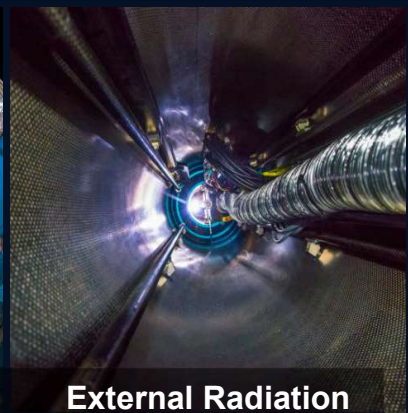
High Enthalpy



Flight Simulation



Space Environments



External Radiation

## Contact

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## Goal 1: Forecast Needs and Advise Stakeholders

*Provide testing services that support Agency-level strategic priorities and mission requirements*

- Objective 1.1:** Develop an Agency strategy & roadmap for each capability domain.
- Objective 1.2:** Identify, plan, and advocate for technology upgrades and new testing capabilities.
- Objective 1.3:** Facilitate test capability access for smaller R&D projects.
- Objective 1.4:** Advise programs & projects planning tests within the SETMO domain.
- Objective 1.5:** Advise & inform Agency decisions impacting capability domains.

## Goal 2: Streamline Processes and Develop Tools

*Increase efficiency and effectiveness for the delivery of testing services*

- Objective 2.1:** Develop management processes to rebalance capability domains in response to mission needs and requirements.
- Objective 2.2:** Establish a mission-driven classification methodology and process for strategic assets within the SETMO domain.
- Objective 2.3:** Enable digital transformation and improve data management to better inform decision-making.
- Objective 2.4:** Establish common management processes and best practices for capabilities within the SETMO domain.

## Goal 3: Optimize Portfolio

*Align and optimize each SETMO capability domain to meet current and future mission requirements*

- Objective 3.1:** Establish criteria and a process for strategic investment and divestment of SETMO assets.
- Objective 3.2:** Develop a catalog of testing services and interactive facility guides to assist program and project planning.
- Objective 3.3:** Perform periodic assessments to review and adjust each testing domain.



## Goal 4: Maintain, Sustain, and Modernize Facilities

*Plan and coordinate long-term sustainment of critical testing services within the SETMO domain*

- Objective 4.1:** Develop and implement a pricing, funding, and cost recovery model.
- Objective 4.2:** Develop agreements with stakeholders that establish responsibilities and financial obligations to sustain critical testing services.

