

EGYPTIAN SPACE SUMMIT

COMPETITION
DETAILS

DESCRIPTION

- The main target of the competition is to get valid and applicable ideas related to the space industry according to the following tracks.
- The team members will be from 2 to 5 members.
- Each project will be a mix of technical and Business challenges for measuring to what extent the idea is feasible.
- The evaluation criteria will not rely on technicalities only; they will depend on technical knowledge, presentation skills, and Business-related skills.
- The competition will be divided into three main tracks.
- There is flexibility in merging between tracks unless the idea keeps its coherence and integrity as it gives participants priority in evaluating the ideas.
- There is a particular track for creating your theme.
- The awards are varied between financial awards and optical prizes related to astronomy.

TRACKS

1. Renewable energy and energy efficiency in space stations.

This track focuses on developing and deploying future space radioisotope power systems (RPS), Enhancing Solar and energy Storage Space Systems, and enhancing Space Thermal energy use and management Systems.

2. Communication and Data Transformation in the new space era.

This track focuses on promising research topics in space-to-earth communications like satellite communications, as advanced technologies modify them by private investments such as Starlink Satellite.

3. Agriculture for nutrition and Oxygen production.

Agriculture track focuses on Farmers, agronomists, food producers, and agricultural policymakers who want to increase output and profitability while benefiting from space-based technologies. Satellites that monitor the soil, snow cover, drought, and agricultural development offer critical data. Another contribution is Satellite-based rainfall that assists farmers in determining the time and amount of irrigation required for crops.

4. General Track

In the previous tracks we have focused on the most pivotal topics in space, however you can find many challenges and problems, then design your own track in different topics such as:

- Health, and wellbeing.
- Space debris
- Others

DEADLINES



FILTRATION STAGES

1. Registration

The deadline is due to **August 22**.

You need to submit **Project Summary**.

Stage Objectives:

- Realize the problems, Brainstorm for a solution, and pitch your ideas.

Requirements:

I. Project Summary

- You have to specify your track (energy efficiency in space, communication in the new space era, agricultural innovation by space technologies, or your track).
- If you choose your own track, you have to explain how this track is related to the space industry and what perspective your track focuses on.
- You have to describe the main idea of your project (Problem description and its solution).
- You have to give a short brief about the technicalities used in your project.
- You have to explain the results achieved by your methodology.
- You have to illustrate the impact of your project on the space industry in Egypt technically and business view as an entrepreneur.
- Your summary has to be coherent and integrate the idea from all sides.
- Content of the summary will be from 300 to 400 words.

2. Phase I

The deadline is due to **August 28**.

You need to submit **Project Proposal**, and **Business Model**.

Stage Objectives:

- Merge between the technical and business presepectives of your ideas.

Requirements:

I. Business Model

- Each team has to submit a business model for the project to prove the applicability of the idea from an entrepreneurial perspective.
- We will provide you with a template for the business model file, as the requirements will differ to fit in the space industry.

- The template will be divided into sections, and in each section, there will be questions to guide participants about the required content that has to be explained in this section Your summary has to be coherent and integrate the idea from all sides.
- Content of the summary will be from 300 to 400 words.

II. Project Proposal:

- Each team has to clarify the idea in detail and explain the technicalities and the project results in this proposal.
- There will be a template for the project proposal to explain the idea flawlessly.

3. Phase II

The deadline is due to **September 1** .

You need to submit **Final draft of Business Model, and Presentation.**

Stage Objectives:

- Finalize your work to make it reliable for Presentation.

Requirements:

I. Final draft of Business Model

II. Presentation

- Maximum number of slides is 20 slides.
- Your outline has to divide to introduction, body, and methodology.
- Maximum time of presentation is 10 minutes.