

# International SpaceTech Startup Supporting Program

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**Advisor: SMESA**

**Organizer: ITRI**

**2024/01/03**

In 2023, 16 international startups were selected to come to Taiwan to connect with Taiwan's space industry chain.



Satellite Manufacturing | Satellite Service | Space Applications | Launch

Propulsion system	Satellite deployment	Others	communication platform	Others	Space Station	Others	payload rocket
1	1	3	1	4	2	3	1

**Startup Request**

- Search for supply chain partner, and business strategic partner as key linking consideration
- Learn the feasibility of technical cooperation in hybrid power/propulsion systems, Earth observation (EO), communication and navigation payload systems, ground equipment (such as antennas) design and manufacturing, agriculture, etc.

**Satellite Manufacturing**

- deltaVision GmbH - Aerospace fluids, propulsion systems
- Hex20 Pty Ltd - Satellite Sensing
- InspeCity Space Lab - Satellite deployment and life extension
- ONE3D s.r.o. - Satellite Materials
- Spacemanic Ltd. - Small satellite design

**Lunching Service**

- Vellon Space - small payload launch service/rocket

**Satellite Service**

- Astrogate Labs - Satellite communication solutions
- GalaxEye Space - Earth observation
- Hikade Technologies - High altitude communication platform
- Transcend Satellite - Payload design and services
- Xovian Aerospace Pvt Ltd - Satellite communication solutions

**Space Applications**

- Axiom Space - Commercial space station (on-site services)
- Delta-V Analytics - Virtual satellite model and environment
- SpaceDrone - Commercial space station (deployment and orbit)
- Yuri - Space medical
- 3IPK - Blockchain application

**Connecting & Cooperative Target**

**Optical Comm. Component/Parts**



**PCB Manufacturing**



**Lab Contracted Manufacturing**



**Satellite Manufacturing & Launching Service**



**Antenna Design & RF Testing**



**Cooperation needs of Taiwan's space industry chain**

**TASA**

**Technical dialogue and exchange of cooperation proposals** 

- Satellite and launch/manufacturing technology
- Space infrastructure construction and microgravity experiments
- Linking Taiwan's Space Industry Chain & Manufacturers

**Academic & Research**

**Investment**

**Taiwan Space Research & exchange**

**Investment & strategic cooperation**



**Comm. Component/Parts**

**Lab Contracted Manufacturing**



**PCB、Satellite mfg & Launching**

**Antenna Design & RF Testing**



- Taiwan Space Radiation Environment Testing Alliance
- Let's COM  LET'S COMMUNICATION

### TASA Meeting



### ITRI Visiting



### Business Meeting



### ITA Visiting



### Industry Visiting

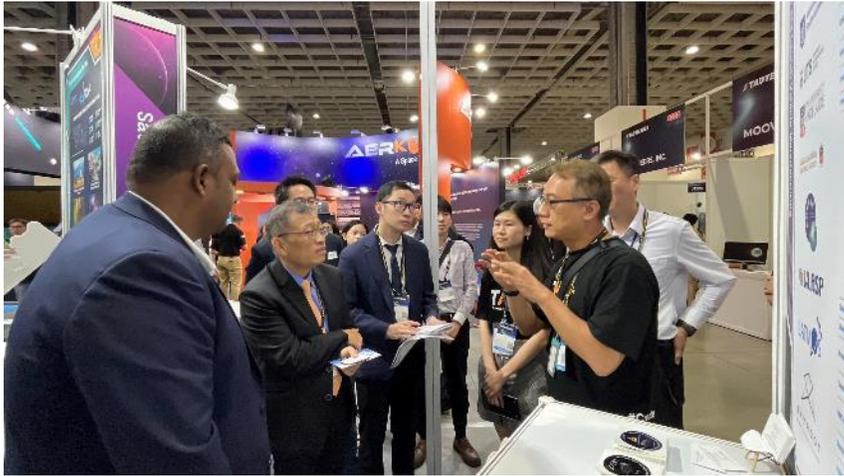


### Industry & Incubation Meeting



- Arrange for startups to participate in Taiwan's representative space expo, Taipei Aerospace & Defense Technology Exhibition (TADTE 2023) from Sep. 14 to 16 to promote the exposure of int'l. space innovation exhibits and spread the achievements of new innovations in Taiwan
- A total of nearly 300 Taiwanese space supply chain manufacturers were linked during the exhibition.
- Link Taiwan's academic and research energy, cooperate with the Department of Space Science and Engineering, National Central University, and expand international cooperation opportunities

**TADTE 2023**  
Taipei Aerospace & Defense Technology Exhibition





CubeSat Manufacturing



Fiber optic gyroscope for satellite



Ground control equipment software development



Concentrated solar cell material-germanium crystal rod growth



Biological experiments in a space microgravity environment



Genome research testing analyze



Ground control equipment software development



TASA Formosa Series Satellite operation and maintenance



2024

## International SpaceTech Startup Supporting Program

We help new ventures in the space industry validate technologies and solutions and develop business with Taiwan's capacities and experiences in IC design, satellite manufacturing, ground equipment, and the local innovation ecosystem.



Company incorporated in a non-Taiwan country in less than 10 years



- ✓ Satellite Manufacturing
- ✓ Launch Industry
- ✓ Ground Equipment
- ✓ Satellite Services
- ✓ Other Space Applications



- ✓  $\geq$  Seed round
- ✓ Has global space industry partner(s)
- ✓ Has Flight Heritage (plus)
- ✓ Has the intention and potential to work with Taiwan's industries

- According to the survey to TASA and the Taiwan industry, the primary focus of recruitment is on the fields displayed below:

Startup Recruitment - 3 field of key technology and certain mature startup

## Field



- Rocket manufacturing, and launch
- Rocket key parts/components



- Communication satellites and related systems



- Remote imaging and sensing applications



Flight Heritage

## Requirement



Europe



India



Japan

Startups can engage with Taiwanese enterprises and the startup ecosystem for scaling.



Landing to Taiwan



Taiwan Ecosystem



Business Partner



**Matching meeting**



**Corporate innovation tour**



**Service / Field verification**



**Promotion and marketing**



**Industry co-creation /  
Strategic Investment**



**Basic landing service**

Call for  
Application

March –  
Mid-May

Preliminary  
Review

End of May

Online  
Pitch Review

Mid of June

Final List  
before End of  
June

Online Pre-  
Matchmaking

Physical  
Exploration

Sep - Oct



| Prototype



Two ways of Recruitment

- Partner's Recommendation
- Startups Self Recommendation



# 2024 International SpaceTech Startup Supporting Program

Application: March 2024

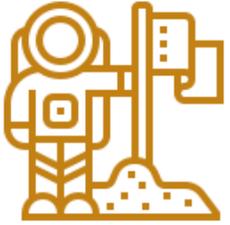
<https://taccplus.com/en/international-program/>

Advisor



Organizer





# To Infinity and Beyond!

## Contact Information



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*Going Towards International Market*