I: ACTINSPACE
A worldwide reference space hackathon created by CNES in 2014 and organized jointly with ESA since the 2nd edition.

24 hours over 2 days simultaneously all over the world to imagine the uses and products of tomorrow based on space technologies, backed by coaches and international space experts in real time.

#AIS 2020 will be the 4th edition of the event created in 2014.
1: OVERVIEW

ACTINSSPACE ORGANIZATION CHART

Partner
Partner (details to be discussed)

AIS Project Management

Organizing partner

UNOOSA

CNES CENTRE NATIONAL D'ETUDES SPATIALES

esa space solutions

International Project Operator

aerospace valley
2: SPONSORS & SUPPORTS

INTERNATIONAL SUPPORTS
3: COMPETITORS
DETAILED DATA

3499+ Business hackers
subscription

518 teams Competing for the top prize

- STUDENTS: 69%
- EMPLOYEES: 18%
- ENTREPRENEURS: 9%
- JOBSEEKERS: 3%
- OTHERS: 1%

25 years
26 - 35 years
36 - 45 years
46 - 55 years
+ 55 years

MALE: 77% (±12% since the last edition)
FEMALE: 23%

518 teams
THE ACTINSPACE OBJECTIVES

1. **STIMULATE** entrepreneurship awareness in young people
2. **DEVELOP** use and application of space technologies & data
3. **SHOW** that space contributes to social and economic growth beyond its usual ecosystem by fostering the creation of startups
4. **CONTRIBUTE** to capacity building among young people
5. **PROMOTE** the use of space for the benefit of Earth & Humanity
ActInSpace offers challenges based on space data and space technologies patented by CNES and its partners, which no other hackathon is doing. This might also explain the good survival rate.

ActInSpace is clearly business oriented: The main objective is to foster the creation of startups that include space tech.

We have already created 36 companies over the last 5 years and a large majority of them are still up and running.

Like some other hackathons, ActInSpace is a worldwide event and we hope for the next edition to be the first hackathon that involves competitors from all the continents.

Finally, AIS is the bridge between the space agencies and the citizens.
II: 2020 OBJECTIVES
# 1: Creation of Startups

## Some Numbers

### Actinspace Startups

<table>
<thead>
<tr>
<th></th>
<th>AIS 2014</th>
<th>AIS 2016</th>
<th>AIS 2018</th>
<th>AIS 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total startups</td>
<td>3</td>
<td>14</td>
<td>18 (30 exp)</td>
<td>40</td>
</tr>
<tr>
<td>Number of AIS projects</td>
<td>42</td>
<td>208</td>
<td>510</td>
<td>1000</td>
</tr>
</tbody>
</table>

Since the first edition, **36 startups** have been created and over **75% of them** are confirmed to be **still up and running**.
1: CREATION OF STARTUPS
EXISTING STARTUPS

- #AIS 2014
  - Lekooa
  - Sol

- #AIS 2016
  - EHTHR
  - KERMAP

- #AIS 2018
  - WRIGHT TECHNOLOGIES
  - Lycie
  - greenvest solutions
  - HYPERMILES
  - IOTIC
  - Leviathan Space Industries

(non-exhaustive list)
1: CREATION OF STARTUPS
2020 EXPECTATIONS

CREATE MORE STARTUPS THAT LAST

Initiate more and better projects

- Keep the hackaton quality high:
  Regarding challenges, support & coaching during the hackathon

  *keep a x2 growth factor*

- Enrole more competitors with more diverse profiles:
  Encourage multiculturalism and proximity to the market in teams

- Increase the Project-to-Startup conversion rate:
  Improve post-hackathon experience with support, mentoring, capacity building, networking by CNES and its partners, especially UNOOSA.

  *currently at 7%*

- 2020 EXPECTATIONS
  - CREATE MORE STARTUPS THAT LAST
  - Keep the hackaton quality high:
    - Regarding challenges, support & coaching during the hackathon
  - Enrole more competitors with more diverse profiles:
    - Encourage multiculturalism and proximity to the market in teams
  - Increase the Project-to-Startup conversion rate:
    - Improve post-hackathon experience with support, mentoring, capacity building, networking by CNES and its partners, especially UNOOSA.
## 3: Expansion

### Expansion of ActInsPace

<table>
<thead>
<tr>
<th></th>
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<th>AIS 2018</th>
<th>AIS 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cities</td>
<td>6</td>
<td>24</td>
<td>54</td>
<td>100</td>
</tr>
<tr>
<td>Countries</td>
<td>1</td>
<td>12</td>
<td>32</td>
<td>40</td>
</tr>
<tr>
<td>Participants</td>
<td>198</td>
<td>896</td>
<td>2229</td>
<td>5000</td>
</tr>
</tbody>
</table>
3: EXPANSION

FRANCE
Cover all regions including overseas territories.

EUROPE
Cover all the ESA member states with the support of ESA-BIC and national space agencies.

INTERNATIONAL
South America and a particular effort concerning Asia, Africa, with the support of ESA and also from UNOOSA and AASO.

Antarctic with the support of IPEV: First hackathon taking place in Antarctic to our knowledge, with the possibility of addressing specific problematics and highlighting business opportunities.
3: EXPANSION

#AIS2020 Participating Countries

- Confirmed
- To be confirmed
III: MILESTONES
The partners, ESA, UNOOSA and OECD will especially be involved in the post-hackathon experience i.e. the follow-up and support of startups and assessing the impact of AIS.
Head of ActInSpace

guillaume.prigent@cnes.fr

First name: Guillaume

Name: PRIGENT