

# ActInSpace 2020

INTERNATIONAL SPACE HACKATHON

# #AIS

— 2020 —

COPUOS Conference  
Guillaume Prigent

MISSION: AIS20





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# I: ACTINSPACE

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# 1: OVERVIEW

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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 4<sup>th</sup> edition of the event  
created in 2014.**



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# 1: OVERVIEW

## ACTINSPACE ORGANIZATION CHART

Partner

*Partner (details to be discussed)*



AIS Project Management



Organizing partner



International Project Operator





## 2: SPONSORS & SUPPORTS

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### INTERNATIONAL SPONSORS





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## 2: SPONSORS & SUPPORTS

### INTERNATIONAL SUPPORTS





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# 3: COMPETITORS

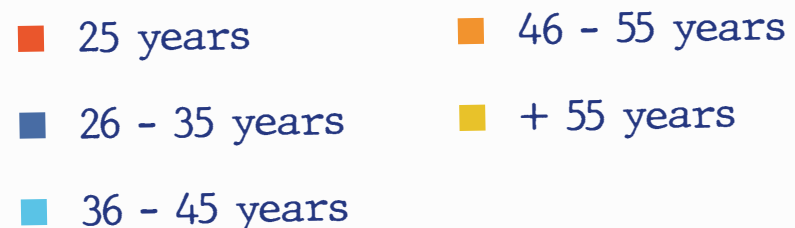
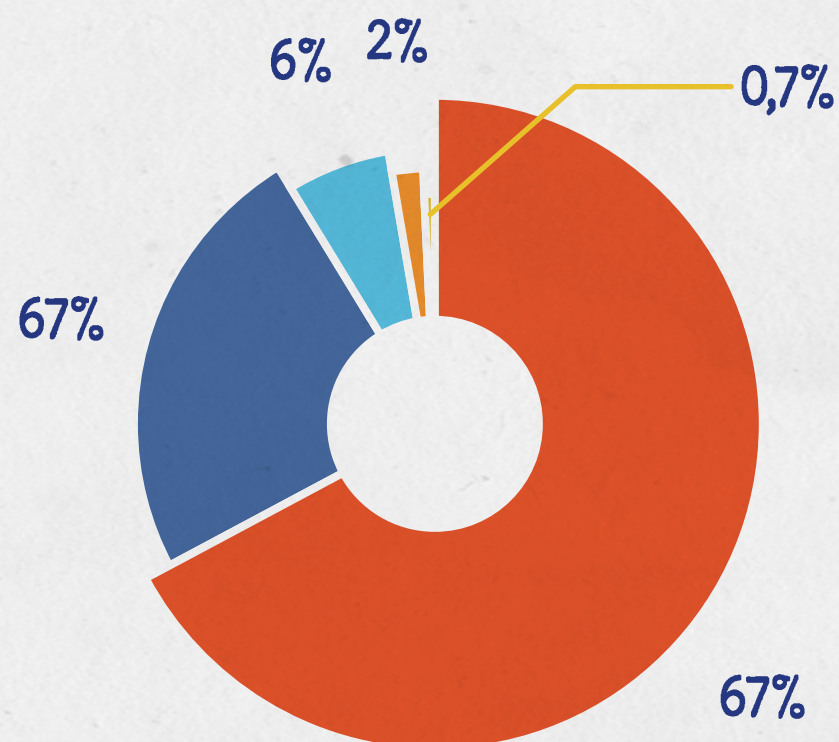
## DETAILED DATA



**3499+**  
*Business hackers  
subscription*



**518 teams**  
*Competing for the top prize*



STUDENTS **69%**

EMPLOYEES **18%**

ENTREPRENEURS **9%**

JOBSEEKERS **3%**

OTHERS **1%**

MALE

FEMALE

**77%**

**23%**

(+12% since the last edition)



## 4: OBJECTIVES OF THE EVENT

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### 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





## 5: HOW IS ACTINSPACE DIFFERENT?

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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.



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## II: 2020 OBJECTIVES





# 1: CREATION OF STARTUPS

## SOME NUMBERS

### ACTINSPACE STARTUPS

	AIS 2014	AIS 2016	AIS 2018	AIS 2020
Total startups	3	14	18 (30 expected)	40
Number of AIS projects	42	208	510	1000

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



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# 1: CREATION OF STARTUPS

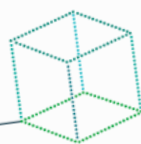
## EXISTING STARTUPS

II: 2020 OBJECTIVES

#AIS 2014

Lekooa

Un lieu, des activités, des services numériques



SOL  
Your power. Everywhere.

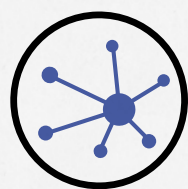
#AIS 2016

ETHR  
rescue

EZAKO  
Intelligence in Data

KERMAP

#AIS 2018



WRIGHT  
TECHNOLOGIES



Lycie



greenvest  
solutions

IDTIC

El cerebro de las cosas



LEVIATHAN SPACE  
INDUSTRIES



SKY AI



IT-SEAL  
SOCIAL ENGINEERING ANALYSIS LABS

STARWEAR

TARSENS

hypermiles

(non-exhaustive list)

cnes  
CENTRE NATIONAL  
D'ÉTUDES SPATIALES

esa  
space solutions



### CREATE MORE STARTUPS THAT LAST

Initiate more and better projects

- **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.

*keep a x2 growth factor*

*engineers and Ph.D,  
business school students,  
creatives...*

*currently at 7%*





## EXPANSION OF ACTINSPACE

	AIS 2014		AIS 2016		AIS 2018		AIS 2020
Cities	6	$\xrightarrow{\times 4}$	24	$\xrightarrow{\times 2}$	54	$\xrightarrow{\times 2}$	100
Countries	1	$\xrightarrow{\times 12}$	12	$\xrightarrow{\times 3}$	32	$\xrightarrow{\times 1.5}$	40
Participants	198	$\xrightarrow{\times 4}$	896	$\xrightarrow{\times 3}$	2229	$\xrightarrow{\times 2}$	5000



### 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.

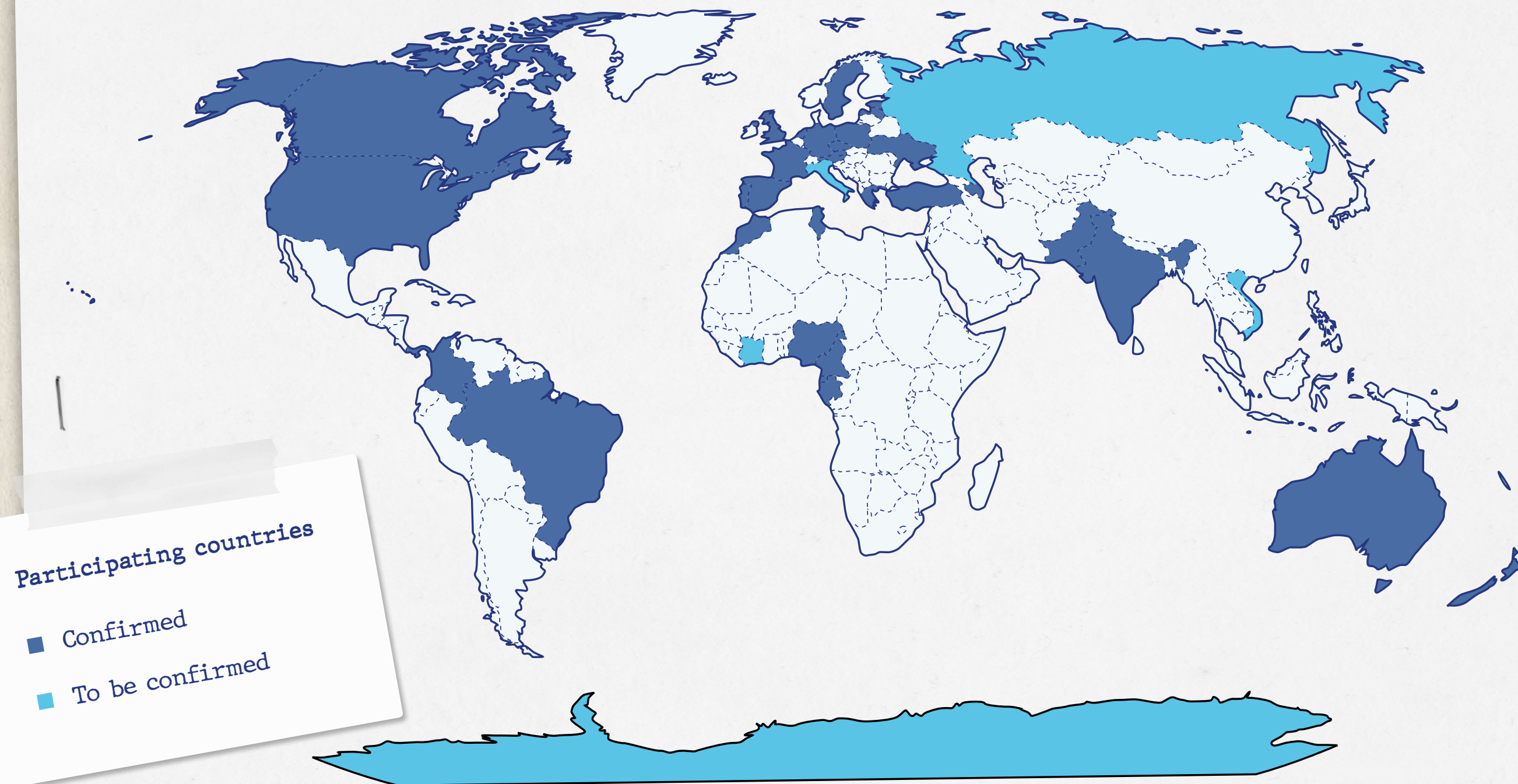




### 3: EXPANSION

# #AIS2020

## #AIS2020 Participating Countries



■ Confirmed

- To be confirmed



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# III: MILESTONES





# 1: 2020 PARTNERSHIPS

We are currently discussing new partnerships for ActInSpace 2020:



INSTITUT  
POLAIRE  
FRANÇAIS  
PAUL-ÉMILE VICTOR



AASO  
African Aeronautics & Space Organisation



ADS INDIA

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.



SPEAKER

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