



HORIZON
2020

Smart European Space Access thru Modern Exploitation of Data Science

Fiche descriptive

Informations projet

SESAME

N° de convention de subvention: 821875

État

Projet en cours

Date de début
1 Avril 2019

Date de fin
31 Mars 2022

Financé au titre de:
H2020-EU.2.1.6.1.

Budget total:
€ 3 376 360

Contribution de
l'UE
€ 3 369 760

Coordonné par:
ARIANEGROUP SAS
 **France**

Objectif

The project aims at improving European launchers' manufacturing and operations through digital technologies, processes and methods.

Its objectives are

Develop a complete data management framework to proactively manage risks in new automated production and operations.

Develop new Predictive Maintenance and Quality components to implement new automated launcher production and operations

Implement new logistic processes that allow an optimal management of resources.

Evaluate the benefit of these new capabilities in realistic operational scenarios

Accompany the consequent transformation of human competencies, create new job profiles.

Evaluate other possible sectors for which the proposed predictive framework could be applied

Create an ecosystem involving the overall European Launcher Industry and possibly other sectors

SESAME will provide the European Launcher Industry with a framework allowing producing the data, a digital, open, intelligent, secure and standards based platform, and human in the loop processes enabling engineers and operators in launcher development, production, testing and operations to implement proactive risk management.

The framework aims at achieving cost reduction through improved production and operation effectiveness, reduction of Cost of Non-Quality, improved working environment and operator's safety

Champ scientifique

/natural sciences/computer and information sciences/data science

/sciences sociales/sociologie/gouvernance/gestion de crise

/social sciences/economics and business/economics/sustainable economy

Programme(s)

H2020-EU.2.1.6.1. - Enabling European competitiveness, non-dependence and innovation of the European space sector

Thème(s)

SPACE-16-TEC-2018 - Access to space

Appel à propositions

H2020-SPACE-2018

[Voir d'autres projets de cet appel](#)

Régime de financement

RIA - Research and Innovation action

Coordinateur



ARIANEGROUP SAS

Adresse

Tour Cristal - 7-11 Quai Andre

Citroen

75015 Paris

France

[Contacter l'organisation](#)

Type d'activité

Private for-profit entities

(excluding Higher or

Secondary Education

Establishments)

Contribution de l'UE

€ 713 250

Participants ⁽⁷⁾



CENTRE NATIONAL D'ETUDES SPATIALES - CNES

 France

Contribution de l'UE

€ 192 275

Adresse

Place Maurice Quentin 2
75039 Paris

Type d'activité

Research Organisations

[Site web](#)

[Contacter l'organisation](#)



VITROCISSET SOCIETA PER AZIONI

 Italie

Contribution de l'UE

€ 364 347,50

Adresse

Via Tiburtina 1020
00156 Roma

Type d'activité

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Site web](#)

[Contacter l'organisation](#)



PREDICT SAS

 France

Contribution de l'UE

€ 458 437,50

Adresse

Avenue De La Foret De Haye
19
54500 Vandoeuvre Les
Nancy

Type d'activité

Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)

[Site web](#)

[Contacter l'organisation](#)



FUNDACIO EURECAT

 Espagne

Contribution de l'UE

€ 644 000

Adresse

Avenida Universitat
Autonoma 23
08290 Cerdanyola Del Valles
(Barcelona)

Type d'activité

Research Organisations

[Site web](#)

[Contacter l'organisation](#)



CONSORZIO PER LA RICERCA NELL' AUTOMATICA E NELLE TELECOMUNICAZIONI C.R.A.T.

 **Italie**

Adresse

**Via Giovanni Nicotera 29
00195 Roma**

Type d'activité

Research Organisations

Contribution de l'UE

€ 215 250

[Site web](#)

[Contacter l'organisation](#)



CAPGEMINI TECHNOLOGY SERVICES

 **France**

Adresse

**5-7 Rue Frederic Clavel
92287 Suresnes**

Type d'activité

**Private for-profit entities
(excluding Higher or
Secondary Education
Establishments)**

Contribution de l'UE

€ 678 987,50

[Contacter l'organisation](#)



SCOALA NATIONALA DE STUDII POLITICE SI ADMINISTRATIVE

 **Roumanie**

Adresse

**Strada Povernei 6, Sector 1
010643 Bucuresti**

Type d'activité

**Higher or Secondary
Education Establishments**

Contribution de l'UE

€ 103 212,50

[Site web](#)

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