

PRESS RELEASE

Toulouse, March 29th, 2022

ESA BIC Sud France welcomes 6 new incubates

March 2022 was a very active month for ESA BIC Sud France!

In collaboration with ESA BIC Nord France and ESA, 3 companies of ESA BIC Sud France (Global Space Rescue, IIDRE and Vortex.IO) have been welcomed on the ESA booth during the Paris Space Week on March 14th and 15th.

Visibility, networking and business were the order of the day! The experience will be renewed on a larger scale at Vivatech in June 2022, where ESA will once again welcome companies from the ESA BIC program on its booth.

In March, the 1st selection committee of the year accepted 6 new startups to join ESA BIC Sud France :

Cognitive Design Systems (Accompanied by Aerospace Valley)

CDS is a software company enabling designers and engineers to generate designs using AI. Our company is made of talented engineers brought together by a common mission, to develop the best all-in-one generative design platform.

We serve middle to large corporation on design services, touching different aspect of the design manufacturing process.

On top of that we also create integrated automated solutions, and provide software for various manufacturing applications (AM, Injection, Die-Casting, Milling)

Contact : Ung Vincent - vincent@cognitive-design-systems.com

Hyperplan (Accompanied by ESTIA Entreprendre)

Hyperplan is a SaaS platform for food chain industrials to optimize their operational and strategic decisions while anticipating the growing uncertainties they are facing (more and more caused by climate change in particular)

Our product has 3 main macro-features :

- Observe : Computer vision techniques to get timely information (up to 2-4 months ahead of harvest, depending on the crop) on hectares growing per crop, crop health and maturity stage and to get live information on harvest progress
- Anticipate : Machine learning algorithm to build likely scenarios of volumes to be collected per industrial asset and anticipate risks of over-/under- capacity (whether it's a collection platform, a silo or a plant) and to anticipate likely scenarios of harvest campaign start date and duration

- Optimiser: Operational research algorithm to optimize resource allocation (logistic capacities and workforce) at local level, based on several likely raw product supply scenarios and to optimize return on investments, whether at the operational level (maintenance capex ahead of harvest) or strategic level (network redesign, build-up of a chain for a specific variety)

Our objectives: Economic gains up to 2-4€/ton of raw product collected, food loss / quality downgrading reduced by 10-15% and optimized food chain's return on invested capital

Contact : Sabah Ruben - ruben@hyperplan.fr

MidGard (Accompanied by INIZIA)

MidGard is developing a decision support tool largely based on aerial images and intended for civil security. The heart of our platform allows the remote broadcasting of drone video live or delayed and the organization of actions on a specific map by intervention according to field data. In order to simplify the work of operational staff, we are working on the creation of automatic drone image analysis modules to distinguish useful information and extract business characteristics.

Contact : Anne-Sophie Cadre - contact@midgard-ai.com

NetCarbon (Accompanied by Technopole Bordeaux Technowest)

Use space technologies powered by Artificial Intelligence to measure carbon storage at scale. Promote the development of sustainable agriculture by offering farmers a free solution to measure and value carbon sequestration. Generate carbon credits allowing voluntary companies to offset their residual emissions by financing local projects. By making carbon storage accessible to everyone, we can have a massive impact on climate change

Contact : GOUSSARD Basile - basile.goussard@netcarbon.fr

Sowit (Accompanied by BIC Montpellier Méditerranée Métropole)

Large Ag organisations (Food, Financial, Gov) lack data about farmers, farmers lack data about their farms. Our mission is to provide farmers and Ag organizations (Food, Financial, Gov) with the data they need, through a core AI-powered platform. Farmers sustainably earn more while Ag organisations better manage risk and performance. We are based in Paris, Montpellier, Casablanca, Dakar and Tunis.

Contact : Hamza Bendahou - hamza.bendahou@sowit.fr

Spartan Space (Accompanied by Incubator Paca EST)

We are going back to the Moon and this time to stay! ... but there is nowhere to stay there yet!

The whole world is aiming the Moon: The United States, together with the support of Europe, Canada, Japan, and UAE, are going back to the Moon and plan to send their first crew to the surface by 2025. ESA's Terra Nova program highlights the Agency's ambitious goal of landing the first European

astronaut on the Moon by 2030 to establish a sustainable human presence. The ultimate goal of ARTEMIS is to settle a long-term presence on our celestial neighbor.

The short-term objective focuses on developing the means to return to the Moon and to land a crew safely (Launchers and Landers). Habitation systems to live on the Moon are a secondary priority. However, settling on the Moon and exploring its surface will require more than Apollo-like landers. Habitats are needed to complete the Lunar Logistics supply chain to sustain human presence on the surface.

This is exactly why Spartan Space was created. We believe that a new generation of innovative space habitats is needed. Our business model is inspired by what works on Earth: We are proposing our habitats as a service (Habitat-As-A-Service) similar to other business approaches in the New Space.

Contact : Mohamed Makthoum - m.peermohamed@spartan-space.com

More information and details :

ESA BIC Sud France Manager

Aurélié Baker baker@aerospace-valley.com

Follow us on :



@ESABICSudFrance



ESA BIC Sud France



<http://bit.ly/2XCwW3l>

About ESA BIC Sud France:

The ESA BIC Sud France **is the first ESA (European Space Agency) incubator** to be created in France. It belongs to the ESA SPACE Solutions network composed of 22 European BICs (Business Incubation Centres) set up by the European Space Agency (ESA) since 2000. ESA BICs aim to support the creation of start-ups with a link to space: technology transfer, use of satellite data, newspace, etc.

Coordinated by **Aerospace Valley** and funded through optional programs by CNES (French Space Agency), the ESA BIC South France since its creation in 2013 has **supported more than 100 companies** in the space sector or application sectors (agriculture, health, urban planning, general public ...).

By providing financial assistance to accelerate your project, and putting you in touch with experts in the field, ESA BIC Sud France is THE partner you need to boost your project!

