



FOR IMMEDIATE RELEASE:

IEST Venezia Organises the Copernicus Hackathon “Supporting Sustainable Development 2030” in Collaboration with Lazio Connect and iXitaly at Villa Giovannina, Treviso, Italy

11 September 2018

Treviso, Villorba – IEST- officially announced the Copernicus Hackathon “Supporting Sustainable Development 2030” to be held on the **5th – 7th of October 2018 at Villa Giovannina, Treviso, Italy**. The programme is promoted by the European Commission and managed in Italy by IEST - Institute for Technological Development, in collaboration with Lazio Connect and iXitaly and the international network of FabSpace 2.0.

The Hackathon is structured for participants to find solutions, through the use of Copernicus satellite data to solve problems related to water, climate change, and energy to improve the quality of life.

48 hours of brainstorming session supported by experts in the various field including marketing and business development that will assist participants in acquiring methods and tools and turn participants’ ideas into a prototype.

The best idea, which can become businesses, will be brought to the European Commission and supported to win the **€ 50,000.00** prize with the Copernicus incubation program. The participants will work together with tutors and mentors to "accelerate" the development of their projects and acquire the ability to present the project to potential investors / partners / clients / users.

The challenges are related to:

- **ENERGY** - Ensure access to sustainable, reliable, sustainable and modern energy for all;
- **HUMANITY** - To make cities and human settlements inclusive, safe, resilient and sustainable;
- **CLIMATE CHANGE** - To act urgently to combat climate change and its impact;
- **WATER** - Preserving and sustainable use of the oceans, seas and marine resources for sustainable development;
- **GLOBAL PARTNERSHIP** - Strengthen the means of implementation and revitalise the global partnership for sustainable development.

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At the end of the First Copernicus Hackathon the jury will reward the best ideas, that could be consider as business, with a value package of € 30,000.00 and will accompany them on the international scene.

Participation is free; however, as the number of seats available is limited, the organiser will send confirmation of participation. The detail registration and to find out more about the agenda please visit: <http://www.ie4st.it/hackathon2018>

About IEST – Istituto Europeo per lo Sviluppo Tecnologico Organizzatore dell'edizione italiana

IEST is a non-profit research and development organization, with perfect legal personality, engaged in applied research and technical service. It was founded to anticipate the technological needs of industrial development and research and plays a fundamental role in the diffusion of the new technological culture.

Supported by its broad range of research expertise, IEST has increasingly close links with the world of industry, on the one hand, and the University on the other is increasingly an active member of various global network communities. Over the years, it has organized a series of meetings, seminars and workshops, also with countries in South America and China, in order to promote the exchange of knowledge in the environmental, technical and technological sectors based mainly on Venice.

IEST has collaborated with United Nations operational institutions such as UNIDO (United Nations Industrial Development Organization), in particular with the representative offices in China that deal with intermediation between international partnerships in favor of SMEs (Small and Medium Enterprises), favoring productivity and cooperation.

IEST was selected by the European Commission as a member of the Copernicus Relay network as a representative on the territory of the Copernicus program to promote the benefits of the EU Earth Observation Program. Moreover it is the only Institute, in Italy, to have received from the EU also the recognition as Copernicus Academy.

For more information, please visit www.ie4st.eu

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NOTES TO THE EVENT

Copernicus Hackaton - 2030 Support Sustainable Development

5, 6 and 7 October 2018

IEST in collaboration with *iXitaly*, *Lazio Connect* and on behalf of the **European Commission**, has the task of organizing the first "**Copernicus Hackathon**" in Italy, ie an intensive program (usually during a weekend) in which several teams compete to provide **Copernicus**-based applications.

Copernicus is the complex program of Earth observation launched by the European Commission, the **European Space Agency - ESA** - and by the Space agencies of the different nations and represented by a system of "sentinel" satellites capable of providing reliable and updated information on climate and environment .

Earth observation and business development experts with experts from the various themes proposed in the challenge - *Challenge* - work together to learn how to use Copernicus data in order to develop ideas that can be turned into useful ideas for society and where possible in start up.

For the best ideas proposed, a series of awards have been made available, including the possibility of participating in the incubation paths of the European Commission.

This is therefore an opportunity to talk about science, technology, business and promote the value of our territory internationally, within some of the most beautiful local excellence: the Venetian Villas.

The participants will compete in a 48-hour marathon to build prototypes and ideas that can develop value in one or more of the following themes proposed by the UN and take the **UN** and the European Commission into working themes for the **2030 Agenda - on Sustainable Development**:

- **ENERGY**: Ensure access to sustainable, reliable, sustainable and modern energy for all;
- **HUMANITY**: Making cities and human settlements inclusive, safe, resilient and sustainable;
- **CLIMATE CHANGE**: act urgently to combat climate change and its impact;
- **WATER**: Sustainably conserve and use the oceans, seas and marine resources for sustainable development;
- **WORLD PATHETY**: Strengthen the means of implementation and revitalize the global partnership for sustainable development;

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The best ideas will be presented to the European Commission, to the international events in Brussels and Marseille.

More information and details about the event can be found at the following link:
<http://www.ie4st.it/hackathon2018>

Agenda

Friday 5th October

- 2.30 pm - Opening session with the Authorities
- 4:00 pm - Caffè
- 4:15 pm - Introduction to the Hackathon and opening comments
- 17:00 - Presentation of ideas and Mentors
- 18:30 - Team training and start of activities
- 20.00 - Dinner
- 9.00 pm - You start working! Development start and start the fun

Saturday 6 October

- 08.00 - Breakfast
- 09:00 - Checkpoint # 1
- 10:00 am - Mentors go around
- 11:00 - Development of the Idea
- 1:00 pm - Lunch
- 2.30pm - Checkpoint # 2
- 15.00 - Mentors go around
- 15:30 - Development continues
- 6.30pm - Checkpoint # 3
- 19.30 - Dinner
- 8.30pm - Pitch # 1 and check
- 9.30pm - Development continues

Sunday 7 October

- 08.00 - Breakfast
- 09:00 - Pitch drill # 2 with demonstration of the result
- 10:00 am - Coffee break before the final race
- 11:30 - Final event and LIVE streaming with presentation to the world of ideas
- 1:00 pm - Winners and prizes!

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