



**Innovation
League**

G20 INNOVATION LEAGUE: FOR THE FIRST TIME AT THE G20 IN FRONT OF THE INTERNATIONAL INVESTORS 100 OF THE BEST STARTUPS IN THE WORLD

AMONG THE 10 WINNERS SOME REVOLUTIONARY INNOVATIONS IN THE CLEAN TECH, ARTIFICIAL INTELLIGENCE, SUSTAINABLE MOBILITY, HEALTH AND IOT.

The event held in Sorrento has been promoted by the Ministry of Foreign Affairs and International Cooperation, the Ministry of Technological Innovation and Digital Transition and the Ministry of Economic Development, organized with by the Italian Trade Agency, CDP Venture Capital Sgr and Simest

Involved 22 countries, 100 startups, over 100 VC & Corporates.

Two Indonesian startups, two Russian, one UK startup, one French, one Dutch, one Chinese, and one Canadian won the award. Zerynth, among the Italians participants, was awarded in the IoT and Wearables category

PRESS RELEASE

Rome, 10th October 2021. The G20 Innovation League has just ended in Sorrento. A special event organized in the framework of the Italian Presidency of the G20, which brought together **100 startups** from the G20 countries, **more than one hundred** venture capitalists, and big international companies.

The project, strongly desired by the Italian presidency, was designed to continue over time and become a point of reference in innovation. Its peculiarity lies in having brought together not only the most promising startups of the G20 countries but also institutions and investment funds, favoring the creation of collaborations and new business projects during the event itself.

The pandemic has confronted us with new challenges. To build a more sustainable future, the contribution of institutions and companies is not enough. It is necessary that new ideas and entrepreneurial projects of startups can play a role of primary importance.

It is no coincidence that five fundamental issues have been identified that will have the most significant impact on the future of the planet: clean technologies (so-called Cleantech), the potential and risks of artificial intelligence, the efficient use of the Internet of things (IoT & Wearables), smart cities (new mobility) and the future of healthcare.

The Minister of Foreign Affairs, Luigi Di Maio, opened and closed the meeting, underlining the importance of international cooperation to face the present challenges and innovatively rethink the future.

The event saw the ICE Agency, CDP Venture Capital SGR, and Simest at the forefront of the organization. The international guests gathered in Sorrento were also able to listen to the speeches of prestigious Keynote Speakers and the Undersecretary of Foreign Affairs with responsibility for

internationalization, Manlio Di Stefano.

The real challenge was to encourage new international investments and strengthen cooperation between public and private actors on innovation. For this reason, the idea of relating startups with possible investors, with the possibility of organizing B2B meetings with venture capitalists and international companies.

The **startups**, called to present their projects and to propose technological solutions, participated in **five** challenges, two young companies were awarded for each category:

- 1) Clean technologies (so-called Cleantech), awarded: Act Balde Ltd (Uk) and Biomicrogels Group (Russia)
- 2) The potential and risks of artificial intelligence, awarded: Ruangguru (Indonesia) and Ntechlab (Russia)
- 3) The efficient use of the Internet of Things (IoT & Wearables), awarded: Zerynth (Italy) and Poka (Canada)
- 4) Smart cities and the future of mobility, awarded: Dott (Netherlands) and Virtuo Technologies (France)
- 5) The future of healthcare, awarded: Sansure Biotech (China) and Nalagenetics (Indonesia)

Many innovative ideas were presented during the contest, with infinite potential to redefine the future.

The UK startup "ACT Balde Ltd," awarded in the **Cleantech** field, has patented and already put into operation a new generation of wind turbines on several systems. Thanks to their design, the wind turbines can be 32% lighter and 10% longer than conventional ones. These qualities lead to the production of 9% more energy in wind farms and other advantages in reducing faults and interruptions. The second startup awarded in the "Cleantech" category is particularly topical because it deals with hygiene and sterilization. Biomicrogels Group was the first company in the world to apply the principle of reversible solubility of natural polymers used in the medical industry to water treatment and cleaning of hard surfaces.

The **Smart Cities & Mobility** category, on the other hand, saw the recognition of Dott (Holland) and Virtuo Technologies (France), confirming the innovative potential of the sharing economy in the world of transport. With a fleet of 45 thousand e-scooters and 11 thousand e-bikes, Dott manages to offer sustainable mobility solutions to over 400 thousand users in 30 cities in nine countries every month. At the same time, Virtuo is focused on travel outside urban centers according to the same idea of sharing mobility. Already present in four countries and 20 cities, the French company promises a concrete solution to trips out without the burden of having to own a car. One of the most exciting categories is **Artificial Intelligence**, an area where we are between reality and science fiction. The solutions offered by Ruangguru (Indonesia) and Ntechlab (Russia), awarded in this challenge, are very concrete. The first created an app already supporting over 20 million students and offering personalized learning paths. The second goes into the field of video analytics thanks to an algorithm capable of breaking all records in terms of speed and accuracy in recognizing faces, silhouettes, and human actions, as well as identifying vehicles.

Furthermore, the Canadian startup "Poka" has created an application (web and mobile) for companies' workers who can acquire, use and share strategic information in real-time, leading to greater productivity. This technology facilitates standardized multimedia knowledge of procedures, training content, and solutions for each workstation and machine. Poka is joined by the Italian Zerynth in the **IoT and Wearables** category, thanks to an IoT platform capable of accelerating the digital transformation of companies. It is an ecosystem of hardware-software tools (which can be integrated with existing IT technologies) that allow, for example, monitoring to optimize industrial processes, energy consumption, predictive maintenance, and the retrofit of industrial machines.

Last but not least, the **Healthcare** category, mainly felt in this period. Nalagenetics (Indonesia), which has created a customized prescription platform to offer accurate tests and tailor-made solutions according to the different needs of doctors, patients, and laboratories, won the awards. It is followed by the Chinese Sansure Biotech, which deals with the research, development, production, sale of reagents, diagnostic tools, and third-party medical testing services. Among the products developed by the company is the Advance Magnetic Beads Technology, which uses modified super-paramagnetic nano-spheres to absorb DNA / RNA from a sample analyzed with high purity, making screening processes more effective and rapid.

In closing, the handover to the Director-General of the Indonesian Ministry of Communications and Informatics Samuel A. Pengerapan. Indonesia will be the rotating president of the G20 and will also handle the 2022 edition of the G20 Innovation League.



Ministry of
economic development



Ministry of Foreign Affairs
and International Cooperation



MITD
MINISTER
OF TECHNOLOGICAL
INNOVATION
AND DIGITAL TRANSITION



ITALIAN TRADE AGENCY

cdp  Fondo Nazionale Innovazione
CDP Venture Capital Sgr

simest 
gruppo cdp