

The background is a complex digital-themed composition. It features a dark blue and black base with a network of thin, glowing red and blue lines. A semi-transparent globe is visible in the center, and several large, interlocking puzzle pieces are scattered across the right side. The overall aesthetic is futuristic and interconnected.

ITEA embraces
the global
dimension
of today's
challenges

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The international nature of Information Technologies

In its essence, the IT field is very international. In the digital world, the concept of boundaries is not the same and the market is transnational. In most cases, the development of solutions should be envisioned at international rather than national level.

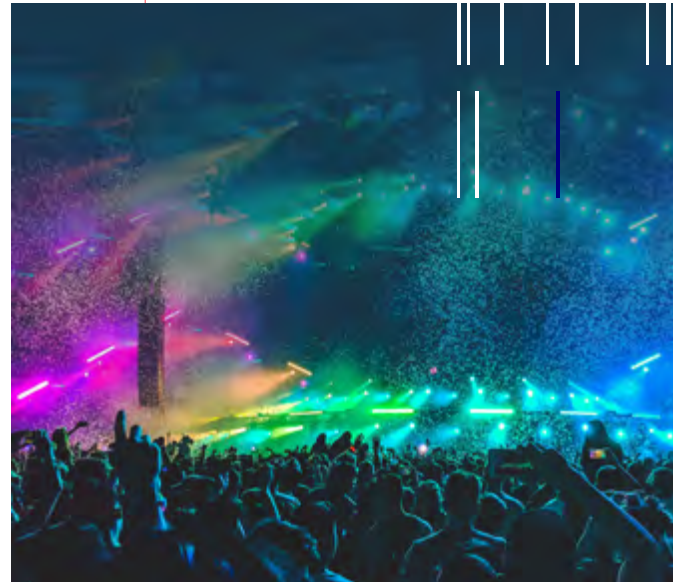
ITEA is a strong player in the global landscape

As a Eureka Cluster, ITEA benefits from a very international coverage with opportunities to set up cooperation involving several continents: Africa, North America, South America, Asia and Europe. ITEA has demonstrated the importance and impact of research projects involving North America, Asia and Europe.

Connecting the Netherlands and South Korea with only 0.3-second delay

One of the key successes of MOS2S was the ability to create strong international cooperation, with national demonstrations led by the Netherlands, South Korea and Belgium in 2017, 2018 and 2019 respectively. In those demonstrations, almost all of project partners worked together to reach the ambitious targets of the project. For example, thanks to the collaboration of TNO, the Johan Crujff ArenA, SURFnet and the Korean Electronics and Telecommunications Research Institute (ETRI), for the first time in the world, a football match in the Johan Crujff ArenA was broadcast in real time with only a 0.3-second delay from the pitch in Amsterdam to a viewing area in South Korea. Combining new Ultra-Wide Vision technology with a super-fast data connection enabled a crowd of South Koreans to experience the live event in an unparalleled way. This new technology makes it possible for people on the other side of the world to experience live events in real time as if they are at the event itself in person. The results of several demonstrations led to multiple commercial products and services.

MOS2S
(2016–2020)



PARTNER
(2017–2020)

Three continents collaborating for better care worldwide

Worldwide, over 40 million people suffer from heart failure. A global challenge requires a global solution, so one of PARTNER's primary achievements was to bring together 20 partners from four countries – Belgium, Canada, South Korea and the Netherlands – on three continents. In addition to providing a wider reach, such collaboration has clear commercial opportunities for the consortium. Thanks to the international collaboration the project partners were able to realise a final demonstrator with contributions from all the partners contained in the workflow of one patient, starting from an emergency admission to the hospital followed by multidisciplinary team diagnosis and personalised treatment, resulting in a rehabilitation at home. In this final demonstrator, the partners were able to interconnect multiple EMR solutions, create AI-driven dashboards, validate several patient portal solutions, and perform remote assessments of the patients being rehabilitated at home. The project also resulted in multiple commercial products and services as well as the continuation of research activities amongst multiple international partners.



