Industrial Membership Program

The KIOS Innovation Hub, through the Industrial Membership program, promotes the collaboration between academia, industry, operators of critical infrastructure systems, regulators and governmental organizations with the aim to create an ecosystem that spans the entire innovation cycle from conception of an idea to commercialization.

The Industrial Membership Program introduced by KIOS Innovation Hub comprises of two distinct Membership Levels, the Member and Partner levels. These levels have been designed to include several variable components that allow for a certain flexibility to better respond to the specific needs of each organization. Each Membership Level is fee-based and depends on the size of the organization and is realized through an annual cooperation agreement.

The main benefits of the Membership Levels can be found below:

Member organizations enjoy a standard membership package. Benefits include:
- Collaboration with KIOS CoE in EU/National project proposals
- Participation in networking and collaboration events
- Updates regarding national and European funding opportunities
- Immediate access to white papers, technology roadmaps and the KIOS CoE annual report
- Free access for employees to specialized seminars, training and networking events
- Early access to IP
- Access to co-supervision of students' theses and dissertations

Partner organizations can enjoy tighter collaboration with the KIOS Innovation Hub. With a stronger financial annual commitment, a partnership allows for significant additional benefits and resources, tailored to the needs of the organization:
- R&D support on customized projects
- Assignment of dedicated, highly-qualified, researchers and developers
- Training and access to the KIOS Testbeds for developing new products and services for Critical Infrastructure Systems
- Preferential and exclusive participation in research proposals and consortia (right-of-first-refusal)

Several prominent industrial organizations and governmental bodies have already joined the KIOS Innovation Hub as members or partners.
- Cyprus Ministry of Transport, Communications and Works
- Electricity Authority of Cyprus
- Cyprus Telecommunications Authority (CYTA)
- Water Development Department (Ministry of Agriculture, Rural Development, Natural Resources and Environment)
- Cyprus Police
- Water Board of Limassol
- Cyprus Energy Regulatory Authority
- Cyprus Transmission System Operator

KIOS CoE Entrepreneurial Network

The Entrepreneurial Network facilitates start-ups, venture capital investments and associated translational activities. Collaborators include:
- Cyprus International Institute of Management (CIIM) - Entrepreneurship and Innovation Centre (ENTICE)
- Local leading tech accelerators (Chrysalis-LEAP)
- Local angel investor networks (CyFAN)
- Large clusters abroad (e.g. EIT Digital and EIT Climate-KIC)
ProximAid: An indispensable emergency communications service

ProximAid is an award-winning Android app which enables off-the-shelf smartphones to communicate directly between them (e.g., exchange text, pictures, and video), without any telecommunications infrastructure. ProximAid is particularly useful in emergency response situations and has been tagged as a “Communications Technology Changing the World” by IEEE Communications Society.

Resilient autonomous estimation of road traffic conditions

This award-winning technology provides autonomous real-time estimation of the traffic conditions of different road links and is resilient to situations where a portion of the available measurement devices is faulty. Reliable real-time traffic state estimation is crucial in a plethora of applications which aim at improving the efficiency of transportation networks and relieving traffic congestion, including route planning and traffic control.

Smartphone technology for indoor localization

This cutting-edge technology allows for real-time geolocation and tracking of mobile devices in large indoor spaces such as shopping malls and hospitals. The technology has won 2nd place in an international Indoor Localization Contest organized by Microsoft Research (USA) and is now being exploited for commercial purposes by a large international hardware and software company in Taiwan.

AquaRisk: Real-time monitoring of smart water networks

AquaRisk is an innovative system for real-time estimation of leakages and quality deterioration risk in water distribution systems. It aims to help water utility companies reduce the time for detecting and localizing an event in their system. This innovation has been awarded an ERC Proof-of-Concept grant for the commercial application of its research results.

Innovation is an integral part of the European 2020 strategy to boost economic growth, enterprise competitiveness and job creation. Innovative activities, translated into successful products, are powering Small and Medium Size Enterprises (SMEs) that provide the majority of employment positions in the EU. Innovation is also the main driver to tackle global societal challenges such as climate change, energy scarcity and smart mobility. However, many institutions and organizations, both private and governmental, stand to gain from innovative new technologies, do not have the expertise or capacity to perform in-house research.

The KIOS Innovation Hub aims to fill this role by bringing together research experts, industry, and innovation-focused enterprises to create an ecosystem that spans the entire innovation cycle from the conception of an idea to technology commercialization. The KIOS Innovation Hub, through its Industrial Membership Program, aims to:

- Provide research and innovation services related to monitoring, control, management and security of Critical Infrastructure Systems, based on Information and Communication Technologies
- Stimulate information, technology and talent transfer to and from industry
- Envisage and create innovative products and services jointly with industry

Turning novel ideas to reality!