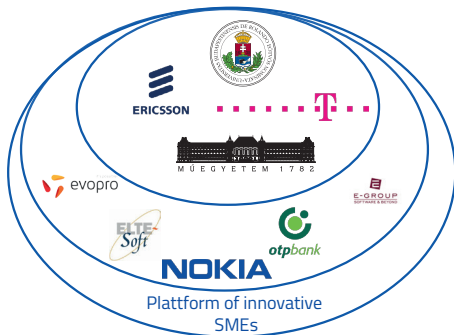


EIT Digital Budapest APG

Regional innovation hotspot in CEE

The EIT Digital Budapest Associate Partner Group is the only partner of the Pan-European Organisation which is located in the Central and Eastern European region.



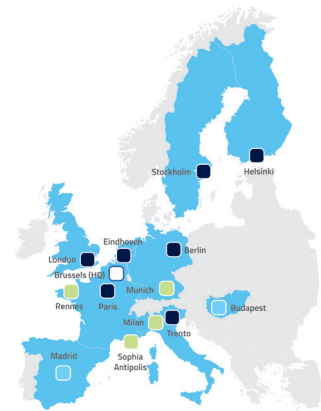
EIT Digital mobilises talents, ideas, technologies, investments and businesses across Europe and beyond to stimulate disruptive digital innovation.

Budapest APG and the Budapest CLC

- The Budapest CLC was established in 2012
- A consortium of **2 leading universities** and **2 leading IT companies**, cooperating with innovative Hungarian IT start-ups and SMEs
- Over **320 events**, courses, and meetings with over **2500 participants** by the Budapest APG since **2012**
- Networking with leading European ICT institutions: 42 universities, 26 research institutes and 74 industrial partners
- Dissemination activities across the globe (from Seoul to San Francisco)
- **1 billion HUF** funding from the Research and Technology Innovation Fund of Hungary + **4.6 million EUR** from EIT Digital since 2012

Education

- **34 Master School students** and **24 Doctoral students** enrolled in Budapest between 2012–2015
- ELTE hosted the **3rd Master School Kick-off event**, the joint opening ceremony of the consortium of 20 leading European universities, with more than 250 students from 36 countries in 2014
- ELTE hosted the **2nd Master School Graduation ceremony** of the consortium for 100 students in 2015
- **3 Master School programmes** are available in Budapest: Software Service and Architecture, Security and Privacy at ELTE, and Digital Media Technology at BME
- A **4th Master programme**, Embedded Systems is to be launched in 2016 at BME
- ELTE is the **pan-European coordinator** of the Security and Privacy programme
- The **Budapest Doctoral Training Centre (DTC)** was established in 2012, and it currently has the **highest number of PhD students** within EIT Digital (25%)
- **56 students** enrolled to the Master School programme **from the CEE region**, 21 of them with excellence scholarships



Adam Kapos

owner of SongArc, the music game app with over 2 million downloads



Dorottya Maksay

EIT CH.A.N.G.E Award winner in 2013



4 Hungarian SMEs

coached by the Hungarian members of the EIT Digital BDA



2 CEE startup trainings – called BrassTacks – organised for 16 teams from 7 countries

3 selected partner Innovation HUBs from the CEE region

24 submissions from Hungary for the 1st and 2nd Idea Challenge in 2014 and 2015

Budapest CLC – regional ICT hotspot: dissemination in 8 CEE countries through more than 45 events with 1000 participants and online activities





Innovation

- **IntelliSec** – Business models for smart grid security data analytics
Siemens, KTH, Engineering II S.p.A., F-Secure and BME, 2016
- **CPS for Smart Factory** – Contextualized steels production controller model and industrial robot controller API and anomaly detection and DSL
KTH, DFKI, Fraunhofer, Siemens, Fortiss and ELTE, 2014-2016
- **Engineering PST in Crowdsourcing Environments along all Components** – building a threat model for EU startup and SME and evaluating general security aspects management platform
TU Berlin, Reply, Deutsche Telekom and ELTE, 2015-2016
- **Better Nights, Fresh Days** – Development of spatial-temporal algorithms to derive relevant signals from babies
Philips, TU Eindhoven, Imperial College London and ELTE, 2015
- **FIDES** – Security evaluation and requirement specification of various storage media related to storage and attribute based access control of sensible personal data, as a part of new guidelines in EU
FBK, Atos, Intellum, Telecom Italia, Politecnico di Torino, Poste Italiane, Q-Key, Eurodocs, DFKI, AAA, TNO, Reply and ELTE, 2015
- **FI-PPP Liaison** – Process Liaison between FI-PPP and EIT Digital especially in the field of call information distribution and call process counseling & support
iMinds, Fraunhofer, Orange, Create-Net and ELTE, 2015
- **Security Monitoring for Critical Infrastructures** – Threat monitoring solution prototype for critical infrastructures
Siemens, KTH and BME, 2014-2015
- **EUROPA – EIT's cloud-based data** – use and extend Apache Flink (formerly Stratosphere), developing data stream analysis algorithms for the use-cases and leading the experimental evaluation
SAP, Deutsche Telekom, TU Berlin, KTH, INRIA, SICS and ELTE, 2013-2014
- **City Crowd Source** – Transport crowd sourcing
Inria, Imperial College London, Alcatel, SAP, KTH, Cap Digital ELTE and BME, 2013
- **Multimodal Mobility** – Integration of data from various sources
Inria, Fraunhofer, DFKI, TU Berlin, University Bologna, Telecom Italia, Siemens and BME, 2013
- **Playful Learning on the Cloud** – A framework for serious games for children with cerebral palsy
Nokia, Telecom Italia, Tampere, Eindhoven, Milano, FBK and ELTE, 2013
- **Secure Energy Systems** – Detecting targeted attacks against Smart Energy Systems
KTH, Telecom Ita, Siemens, FBK, Engineering, TU Berlin, TU Darmstad and BME, 2013
- **Smart Content Delivery and Storage** – Open source library for deterministic source coding for efficient content distribution in mobile environments. Traffic management for ISPs and network coding for improved handover of mediastreams
Trento University, KTH, TU Berlin, Orange, Institute Mines, both ELTE and BME 2013
- **Medical CPS Environments** – Data Mining Application
Siemens, TUM, DFKI, Trento Rise and ELTE, 2013
- **FITTING** – Federation of European FI testbeds to analyse novel protocols and network applications. A new Experimentation as a Service platform
Institute Télécom, UPMC Paris, Fraunhofer, INRIA, TU Berlin, Trento both ELTE and BME, 2012-2013

BAPG contributed to
15 Innovation projects
of EIT Digital with
23 tasks based on
20 R&D projects

