1st open call for
Entrepreneurial Technology Transfer Experiments

Evaluation public summary report

Project acronym: TETRAMAX
Project full name: TEchnology TRAnsfer via Multinational eXperiments

The innovation action TETRAMAX, co-funded from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 761349, launched its third open call for recipients to receive financial support.

First TETRAMAX Entrepreneurial Technology Transfer Experiments selected for financial support

All experiment proposals submitted to this call were subject to an in-depth evaluation, conducted by external experts. The assessment of the proposals is based on pre-defined criteria, and every criterion is scored separately. The overall score was motivated by the experts with individual comments on technical aspects described in the proposal. Following this assessment, TETRAMAX is very pleased to publish the **four experiments selected for financial support** of its 1st Entrepreneurial Technology Transfer Experiments (TTX) open call.

By focussing on the exploration and evaluation of market and business opportunities in the customized low-energy computing domain, small teams will work towards a sustainable start-up business scenario and necessary investment acquisitions. Every team consists of potential entrepreneurs taking up the following positions: a principal investigator being the chief technology officer, an entrepreneurial lead being the chief executive officer, and one or two business-oriented mentors well experienced in taking research-based technologies to the marketplace. These mentors will guide and track the TTX progress according to defined tasks and milestones.

Read out a brief description of every TTX in Annex 1.

TTX title	TTX team members		Country	Start date (duration)	Financial support awarded
	Initiator & recipient of the financial support	Mentors based outside the initiator's organisation			
Remote rEsource Management hardware IP for disAggregated Platform (REMAP)	Foundation for Research and Technology - Hellas	Dr. Konstantinos Katrinis (private person)	Greece	28.02.2019 (6 months)	€ 25,000
Magnetic Information Platform (MIP)	Leibniz Universität Hannover	Lev Savkun (private person)	Germany	01.03.2019 (5 months)	€ 29,125
Unified Analytics & Optimization Tool (UnifiedAOTool)	Leibniz University Hannover	Jonas Lindemann, Hafven GmbH & Co.KG; Mauro Herman Riva (private person)	Germany	01.03.2019 (6 months)	€ 26,630
Tool Failure ForecastiIN (TooFF.IN)	National Center for Scientific Research "Demokritos"	Nektaria Kalogeropoulou, Nokia Solutions and Networks S.A.	Greece	28.02.2019 (4 months)	€ 25,000

Call details

Call identifier
TETRAMAX-Entrepreneurial-TTX-1

Number of TTX proposals received and selected for financial support

	No. of TTX proposals	Total financial support requested
Proposals submitted	21	€553.207
Proposals submitted and eligible for evaluation	16	€438.177
Proposals evaluated above total threshold	16	€438.177
Proposals evaluated above threshold and not failed in any criteria	10	€271.177
Proposals selected for financial support	**4**	**€105.755**
Categories of recipients for funding and countries involved	**2 research organisations and 2 universities from 2 EU member states**	

Call publication
A large number of different communication channels were used on a local, regional, national and European level to widely promote the call details, such as: local eco-systems, SME associations, regional, national and cross-border innovation centres and hubs, European Enterprise Network, National Contact Point networks and IDEAL-ist, EU-funded projects, mailing lists to industry and academic stakeholders, websites, online platforms and calendars as well as public events and conferences addressing scientific and/or industrial experts. A non-exhaustive list of relevant channels is shown further below in Annex 2.

Dates of call publication and closing, TTX evaluation and selection
The entire execution of the call was managed as initially planned.

	Phase	Description	Period	Date*
Call publication date				August 31, 2018
Call closing date				November 30, 2018, 23:59 CET (Brussels time)
Evaluation	Phase 1	General eligibility check	1 week	December 8, 2018
	Phase 2	External evaluation	1 month	January 8, 2019
	Phase 3	Consensus phase	1 week	January 17, 2019
	Phase 4	Formal decision		January 17, 2019
Information results sent to proposers				January 21·2019

Feedback process to TTX proposers
All proposers were informed on the evaluation results by email including the following information: final decision, evaluation scores (threshold; total score achieved per criterion), external evaluators' general comments and individual technical feedback per criterion, encouraging words to further improve and re-submit a rejected proposal.

MIP
Magnetic Information Platform

MIP is a vision of a magnetic data storage technology tailored for industrial applications and consumer products, to be used as a universal rewritable data carrier. This brings an advantage over competing technologies, such as barcodes, etc. Stored information in components can be updated during their life cycle. The information is not visible, and the medium has high temperature and chemical resistances. Hence, the stored data is inherently safe, reliable and suitable in many applications.

Competence fields:

REMAP
Remote rEsource Management hardware IP for disAggregated Platforms

This project presents the REMAP IP, a hardware manager for low-latency chip-to-chip interconnection, targeting low-energy disaggregated platforms and datacenters. REMAP enables on- demand system scaling; processing nodes can dynamically hot- plug remote resources (e.g. memory, accelerators), following application needs on performance and / or dataset sizes. The IP is already tested, has a very light resource / energy footprint, and thus easily fitting into small low-power MPSoCs.

TooFF.IN
Tool Failure ForecastiIN

Tooff.in is an IoT integrated platform consisting of a NBIoT multimodal sensoring device for the characterization and position tracking of construction tools. By attaching a universal sensor to the outer casing of any construction tool, we can forecast failures, enforce preventive maintenance and prevent thefts. A SaaS model will be examined that provides progressive tariff billing, therefore incentivizing clients to gradually adopt our service and severely minimize their operational costs**.**

UnifiedAOTool
Unified Analytics & Optimization Tool

Based on IIoT Infrastructure and Big Data Analytics technology our portable software solutions enable for highly sensitive process monitoring and optimization of industrial automated (e. g. manufacturing) processes. The implemented tools are based on generic algorithms for data driven modelling and additional process specific services and use information extracted from existing control and process layer data.

Annex 2: List of communication and publication of the call (non-exhaustive)

Channels of TETRAMAX, the European Commission and its representatives

- TETRAMAX website (incl. full call details): https://www.tetramax.eu/ttx/calls/tetramax-entrepreneurial-ttx-1/
- TETRAMAX open call online proposal submission platform provided by project partner FundingBox: https://tetramax.fundingbox.com/
- TETRAMAX supporters for dissemination (DIHs, SME associations, industry/academic stakeholders, etc.)
- TETRAMAX social media: LinkedIn (https://www.linkedin.com/company/tetramax/), Twitter
- Smart Anything Everywhere https://smartanythingeverywhere.eu/ and newsletter: https://smartanythingeverywhere.eu/2018/11/06/newsletter-q3-2018/ https://smartanythingeverywhere.eu/2018/07/04/newsletter-q2-2018/
- HORIZON 2020 ECAS participant portal
- EC social media (EU Partner Search Linkedin Group, EU Projects Group)
- H2020 Newsletter of NRW Ministry of Culture and Science
- Ideal-ist
- it-IKT newsletter
- National Contact Points mailings
- CORDIS: https://cordis.europa.eu/news/rcn/129935/en
- Horizon 2020 platforms
- Enterprise Europe Network

Other channels for publication, communication and dissemination

- Aries Transylvania
- Techmo mailing list and Facebook
- Enterprise Europe Network: Distribution in the Intranet to all partner in Sector Groups and H2020 Group
- H2020 Newsletter of NRW Ministry of Culture and Science
- ZENIT Newsletter
- HGI news
- CIT-UPC newsletter
- GRAPH-TA mailing list
- FiWare Ecosystem
- SoCinfo
- IT4Innovations
- Facebook JIC – 3718 followers
- Newsletter komunity JIC+ (klienti JIC)
- Newsletter JIC pro zkušené podnikatele
- CzechInvest CzechStartups
- Web Industry Cluster 4.0
- ARTEMIS
- EC social media
- ETP4hpc
- Innovalia
- TETRAMAX website
- High Tech Startbahn - Michael Naumann
- Institut Jozef Stefan
- South Moravian Innovation Center

- marionet
- Sferik Accelerator
- EMSIG/ARTIST mailing list
- HiPEAC mailing list
- ALUMNI RWTH
- National Contact Points
- Sweden's innovation agency
- ICT in the west Sweden region
- SISP, the organisation for Swedish Incubators and Science Parks.
- ECHORD++ mailing list
- eu-ncp@dlr.de
- TETRAMAX LinkedIn
- Association of Small and Medium-Sized Enterprises and Crafts of the Czech Republic)
- Czech Association of Scientific and Technical Societies
- Czech Electro Union
- Czech Chamber of Commerce
- Electrical and Electronic Association of the Czech Republic (EIA)
- Moravian-Silesian Electrotechnical Association
- Regional Development Agency
- Moravian-Silesian innovation centre
- Central Bohemian Innovation Centre
- South-Moravian Innovation Centre
- Technological Innovation Centre
- DEX Innovation Centre
- Innovation Centre of the Usti Region
- Podnikatelské a inovační centrum BIC Brno
- Regional Innovation Centre for Electrical Engineering
- Prague Innovation Center
- Regional Agency for Development of middle Moravia
- Regional Investment and Development Agency of the Hradec Králové Region
- CzechInvest
- FLux50
- CPS.HUB NRW-Newsletter
- CPS.HUB NRW-website
- Smart City Expo World Congress (SCEWC) in Barcelona, November 2018
- Project Pitch and Information Day-Inria-Paris