

Announcement

TETRAMAX 1st open call for Value Chain Oriented and Interdisciplinary Technology Transfer Experiments (TTX)

Apply now!

Submit your innovative advanced digital technology for novel (non-)electronic products in the area of customized low-energy computing for cyber-physical systems & the Internet of Things and apply for financial support!

Deadline for TTX proposal submission: 31 May 2018, 17:00

Goal of the Value Chain Oriented and Interdisciplinary TTX

The **TTX consortium** consists of **three or more partners** (in case a multidisciplinary collaboration is needed) representing a **value chain from research over initial product innovation towards a wider market penetration**. The TTX partners must be based in at **least two different EU member states or associated countries**. This TTX type brings together:

- One partner (A) **providing** a particular novel CLEC hardware or software technology from research; up to three further **auxiliary partners** (from academia or industry) may be included in the consortium in case an interdisciplinary cooperation is required for a successful TTX.
- One “Original Equipment Manufacturer (OEM) partner” (B) **testing and deploying** the technology in its dedicated, possibly even non-tech, products with its end customers.
- Another partner (C) **productizing** this technology as a “platform” in the long-term for a wider market.

For instance, a **university (A) acts as a technology provider** and intends to transfer a novel CLEC technology to a manufacturing **SME (B) as a technology receiver** in terms of non-exclusive licensing, together with training, services, and documentation, etc. as necessary. The technology receiver intends to experimentally use the new technology in order to enable improved products, processes, or services, thus acting as an OEM and early technology adopter. In case, the developed technology could be generalized and applied to other industries as well, another **specialized partner (C) could engage as a “catalyst”** (not competing with the technology receiver) to extend the value chain by productizing and maintaining the technology, e.g. in the form of customizable software tools, hardware IP and/or professional services, so as to serve a much broader market. In case of a successful TTX, the “catalyst” would finally license a robust product back to the technology provider and a receiver and will also offer the technology and services as a platform to various other customers. **Auxiliary partners** may optionally assist in the transfer and the productization process.

It is assumed that the start TRL will typically be 3 (*experimental proof of concept*) or 4 (*technology validated in lab*), while the target TRL will be 8 (*system complete and qualified*) on average.

Details on this call incl. submission process and all relevant documents:

<https://www.tetramax.eu/ttx/calls/>



Key objective of TETRAMAX

Today's European industries are challenged by the fast developing digitalization era, making it increasingly difficult for small and medium-size enterprises (SMEs) and mid-caps to keep track with, and benefit from, modern ICT for their business and production cycles.

The innovation action TETRAMAX aims to boost innovation by stimulating, organizing and evaluating different kinds of Technology Transfer Experiments (TTX). These co-funded "application experiments" connect SMEs and mid-caps with international academics, resulting in low-risk industrial adoption of novel computing technologies. TETRAMAX provides innovative advanced digital technologies for novel electronic and non-electronic products in the area of **Customized Low-Energy Computing (CLEC)** for Cyber-Physical Systems (CPS) and the Internet of Things (IoT).

Additionally, building and leveraging a European Competence Center Network (CCN) on CLEC will increase the exchange of technologies and solutions, hence increasing the opportunities for technology transfers. In the long term, TETRAMAX will be the trailblazer towards a reinforced, profitable, and sustainable ecosystem infrastructure, providing CLEC competence, services and a continuous innovation stream at European scale, yet with strong regional presence as preferred by SMEs.

TETRAMAX is one of the new initiatives established under the European *Smart Anything Everywhere* (SAE) initiative which seeks to accelerate innovation within European Industries.

 <https://www.tetramax.eu>

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Facts & figures of TETRAMAX and its open call

Project acronym:	TETRAMAX
Project full name:	TEchnology TRAnSfer via Multinational Application eXperiments
Project grant agreement no.	761349
Project web address	https://www.tetramax.eu
Project coordinator	Prof. Rainer Leupers, RWTH Aachen University/DE leupers@ice.rwth-aachen.de
Open call title	1 st open call for Value Chain Oriented and Interdisciplinary Technology Transfer Experiments (TTX)
Open call identifier	TETRAMAX-VALUECHAIN-TTX-1
Open call publication date	28.02.2018
Full open call information	https://www.tetramax.eu/ttx/calls/
TTX online proposal submission platform	http://tetramax.fundingbox.com/apply
TTX proposal submission deadline	31.05.2018, 17:00 CET (Brussels time)
Expected TTX duration; estimated TTX start and end date	Between 12-18 months; at the first day of the following month after entry into force of the TTX funding agreement. Any date prior to September 1, 2018 is not possible. The TTX has to end by February 2020 at the latest.
Total financial support per TTX / TTX partner organisation	Financial support per TTX is between €50,000 and €100,000 maximum (for 3+ partner organizations). On average, a funding of €70,000 is anticipated per TTX. Maximum possible funding per TTX partner: €60,000
Number and type of partner organizations involved in the TTX	Three or more partners (in case a multidisciplinary collaboration is needed) from at least two different EU member states or associated countries; partners must be legal entities, such as universities, research organisations, SMEs and mid-caps, other companies.
Language of the proposal	English
Request for more information	opencalls@tetramax.eu



The project TETRAMAX, co-funded from the European Union's Horizon 2020 research and innovation programme under agreement No 761349, foresees as an eligible activity the provision of financial support to third parties, as means to achieve its own project objectives.