

Bourse à projets - 8/11/2018

Projet TETRAMAX

Albert Cohen, Timothy Bourke, Inria

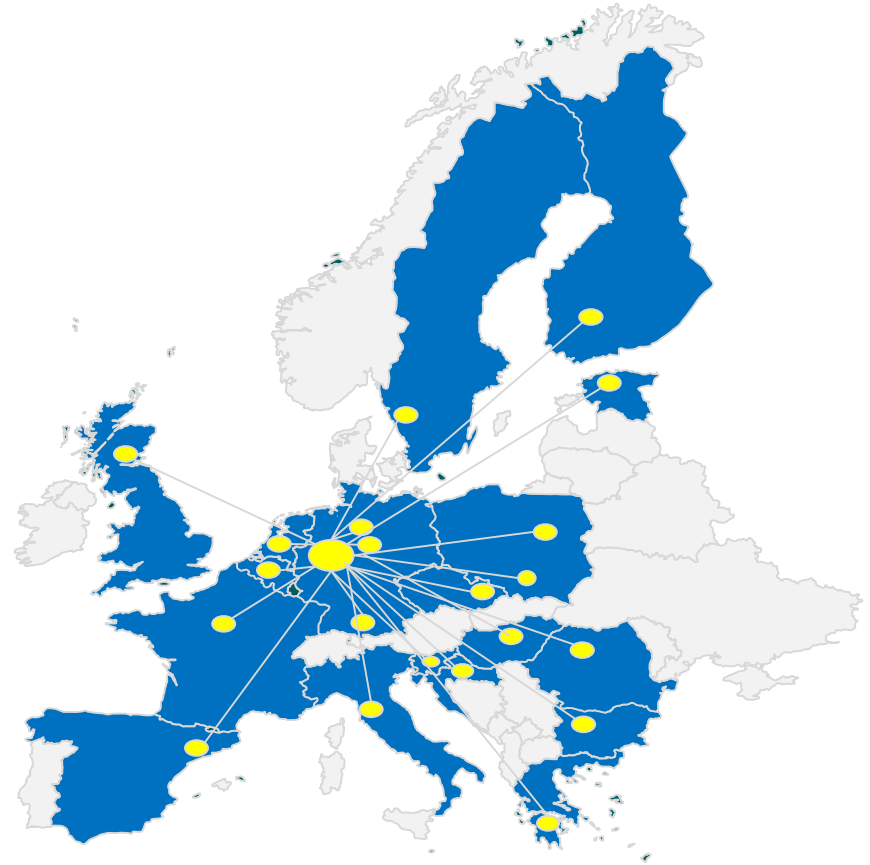
Coordination: Rainer Leupers, RWTH Aachen



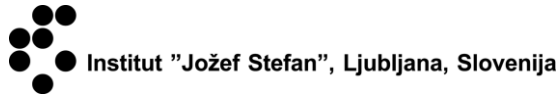
www.tetramax.eu

TETRAMAX at-a-glance

- **Innovation Action** from EU H2020 ICT-04-2017 call
- **Thematic focus:** customized and low-energy computing
- **Total budget:** 7 Mio. Euros
- **Duration:** 09/2017-08/2021
- **23 partners** covering
 - almost all EU countries

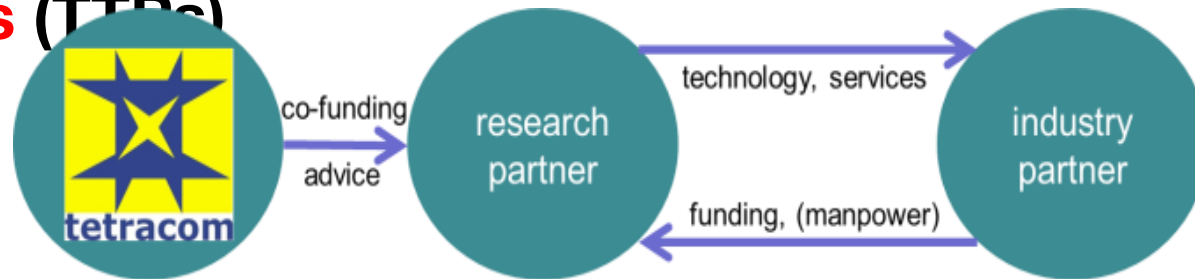


TETRAMAX consortium partners



TETRACOM FP7 background

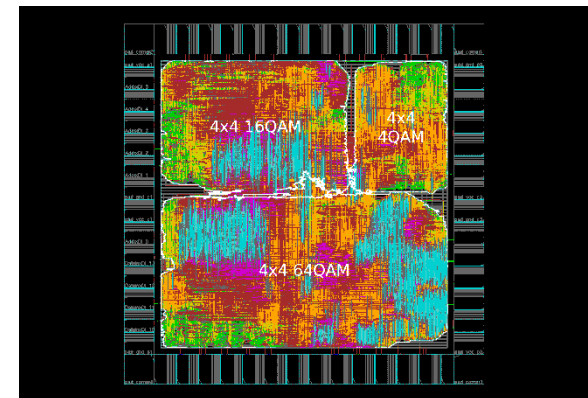
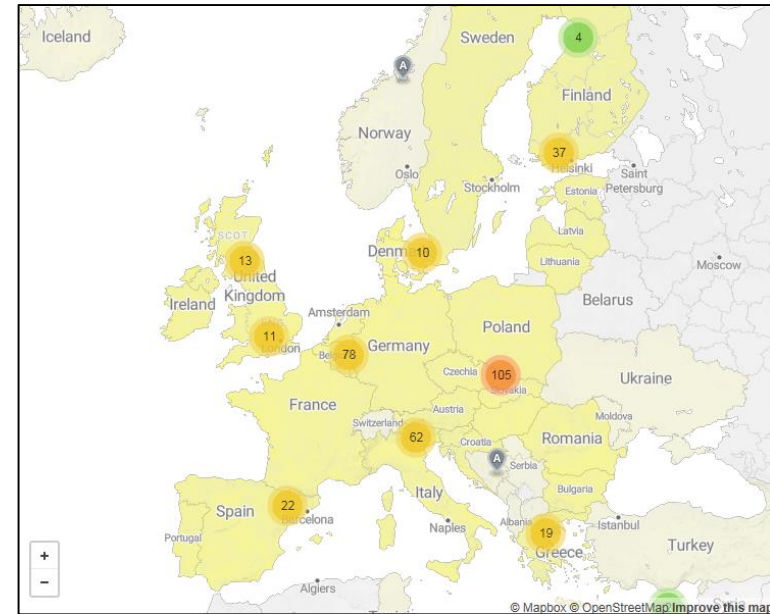
- **TETRACOM**: Technology Transfer in Computing Systems
- FP7 CSA, Sep 2013 – Aug 2016, www.tetacom.eu
- **Total budget**: 2 Mio. Euros, 8 consortium partners
- Key concept: Small-scale bilateral **Technology Transfer Projects (TTPs)**



- **50 TTPs** coordinated in total, mostly acquired via open calls
 - 33 different academic clients, 46 industry clients
- Successful pilot project in the EC's **SAE Initiative**

TETRAMAX overall ambition

- Build up and sustain the **#1 European competence network** in customized and low-energy computing
 - **technology brokerage, one-stop shop assistance and tech training** to **SMEs** and mid-caps
- Support **50+ industry clients and 3rd parties** in the entire EU with innovative technologies
 - Revenue increase
 - New ICT jobs
 - Cost and energy savings



TETRAMAX activity lines (1)

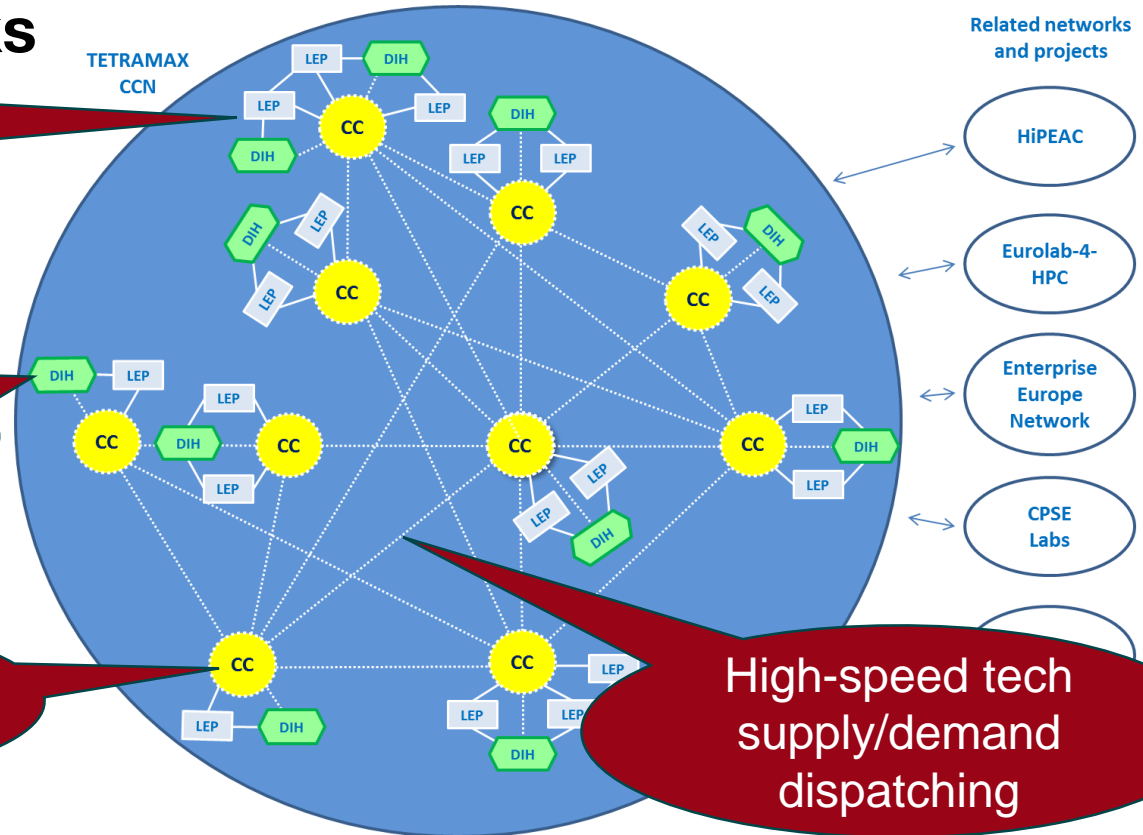
Building and leveraging a **Technology Brokerage Network** in customized and low-energy computing

- Tight collaboration with HiPEAC and related projects/networks

Local Ecosystem Partner (e.g. SME)

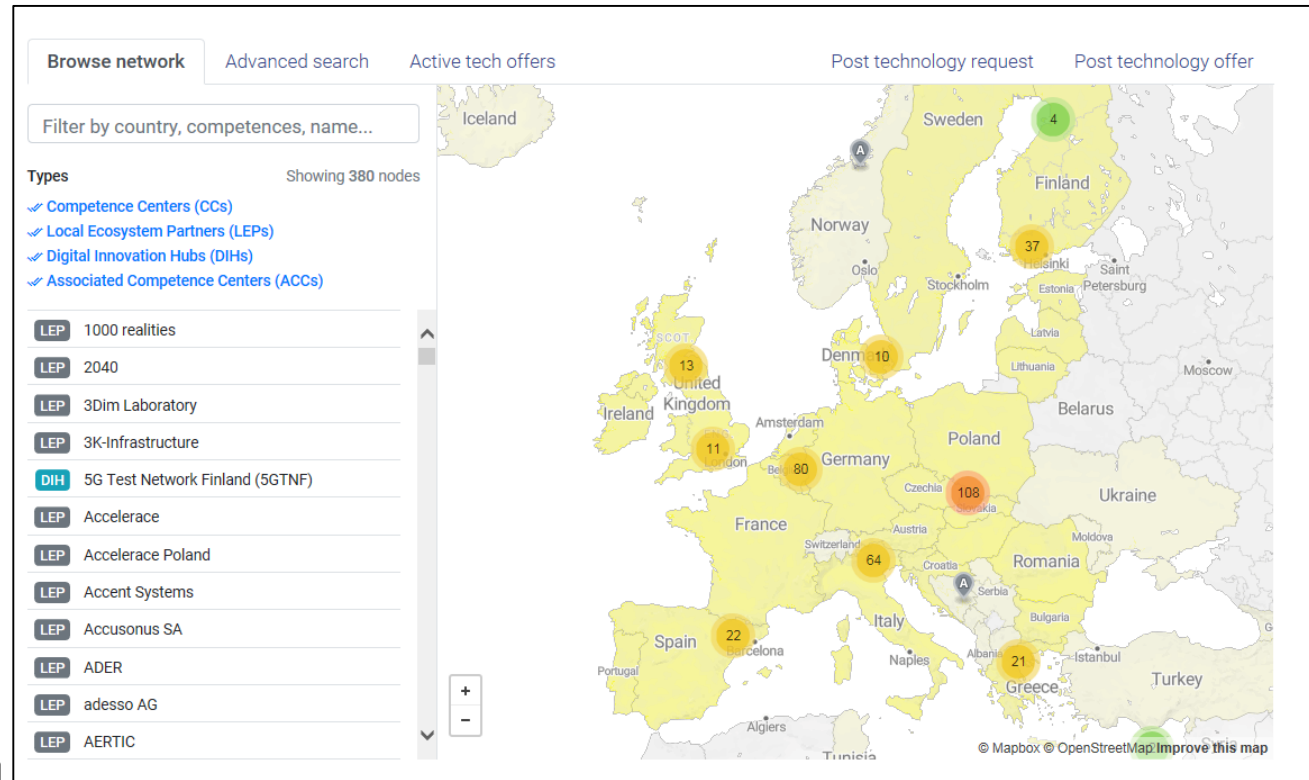
Digital Innovation Hub (e.g. local incubator)

Competence Center (TETRAMAX partner)



Technology brokerage network

- **Currently 380 nodes in total:**
 - 26 CCs
 - 284 LEPs
 - 61 DIHs
 - 8 Associated CCs
- **TETRAMAX** itself officially registered as a **DIH** in the EC catalogue



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TETRAMAX activity lines (2)

Stimulating, organizing and evaluating 60+ **Technology Transfer Experiments (TTX)** via open calls (3 different types)

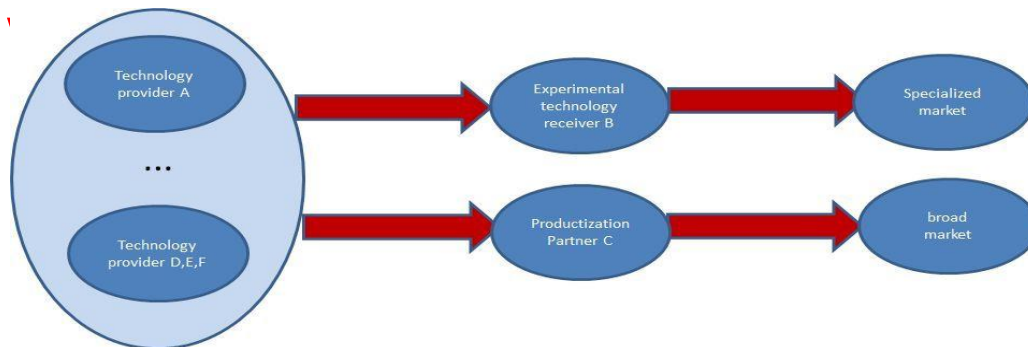
1. **Bilateral TTX** (like in TETRACOM, but strictly cross-

border)



6-12 months
20k-50k €

2.



Interdisciplinary TTX

12-18 months
50k-100k €

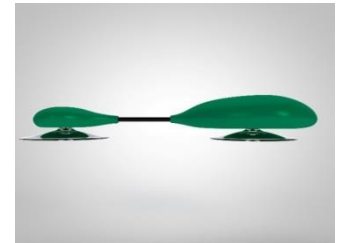
3-6 months
20k-30k €

3. **Entrepreneurial TTX** (business prototyping)

TETRAMAX activity lines (3)


Paving the way towards **self-sustainability**

- TETRAMAX provides “**seed funding**”
- Development of customized “**business plans**” at three levels:
 1. Individual TTX
 2. Individual Competence Centers
 3. Entire Technology Brokerage Network
- **Revenue sources:**
 - New business generation (products, start-ups, services)
 - Investment acquisition (VC, private equity)
 - Leveraging ESIF and other regional funds




Open call schedule


TTX type	Call 1	Call 2	Call 3	Call 4
Bilateral	M3	M14	M25	M32
Value chain/interdisciplinary	M6	M16	M26	M32
Entrepreneurial	M12	M24	M36	-



30+proposals



15+ proposals



Closes Nov 30

(M1 = Sept 2017)



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