

April 2, 2020

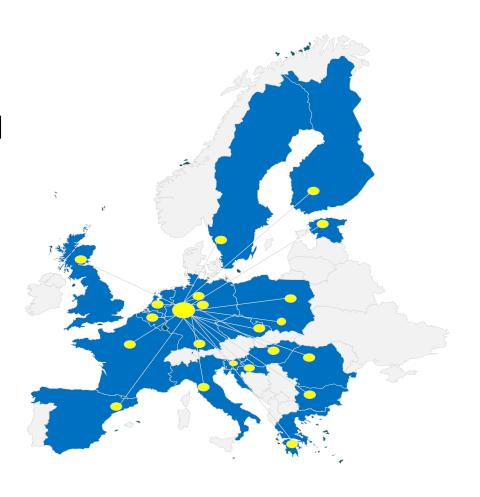
TETRAMAX results SMART ANYTHING EVERYWHERE - CLUSTER KICK-OFF

tetramax



TETRAMAX at-a-glance

- Innovation Action from ICT-04-2017 call
- Thematic focus: customized and low-energy computing
- Total budget: 7 Mio. Euros
- Duration: Sep 2017 Aug 2021
- 23 partners covering
 - almost all EU countries
 - complementary expertise
 (technologies, networking,
 business generation)







TETRAMAX consortium partners





RUHR UNIVERSITÄT BOCHUM























| IT4INNOVATIONS | NATIONAL SUPERCOMPUTING | CENTER



Università di Pisa

















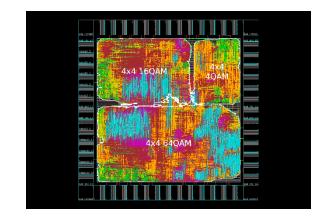




TETRAMAX overall ambition

- 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





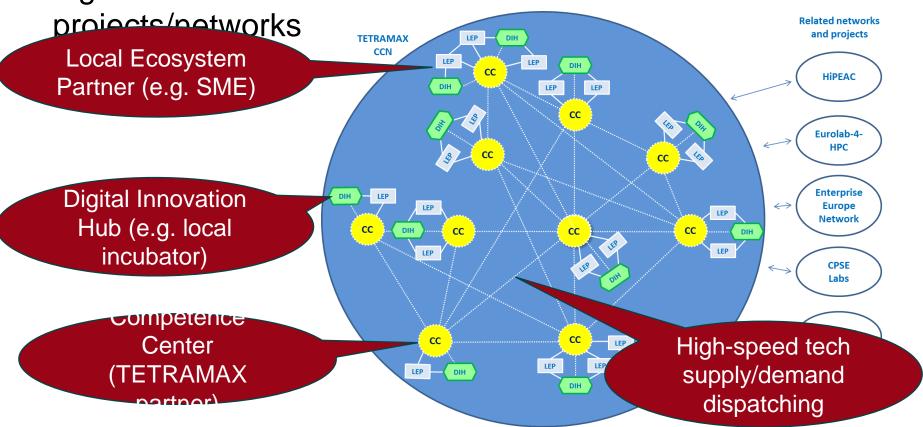




TETRAMAX activity lines (1)

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

Tight collaboration with HiPEAC and related







TETRAMAX activity lines (2)

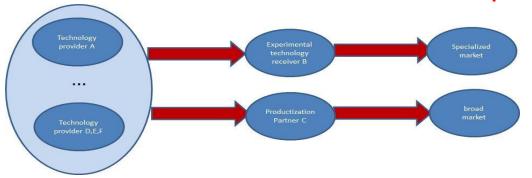
Stimulating, organizing and evaluating 60+ Technology Transfer Experiments (TTX) via open calls (3 different types)

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



6-12 months 20k-50k €

2. Value chain oriented and interdisciplinary TTX



12-18 months 50k-100k €

3. Entrepreneurial TTX (business prototyping)

3-6 months 20k-30k €





TETRAMAX activity lines (3)

Paving the way towards self-sustainability

- TETRAMAX provides "seed funding"
- Development of customized "business plans" at three levels:
 - 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











Help desk service

- Provision of "one-stop shopping" information and first-level support to clients by dedicated contact persons at each CC
- Recorded individual activities:

- P1: 500+

– P2: 800+

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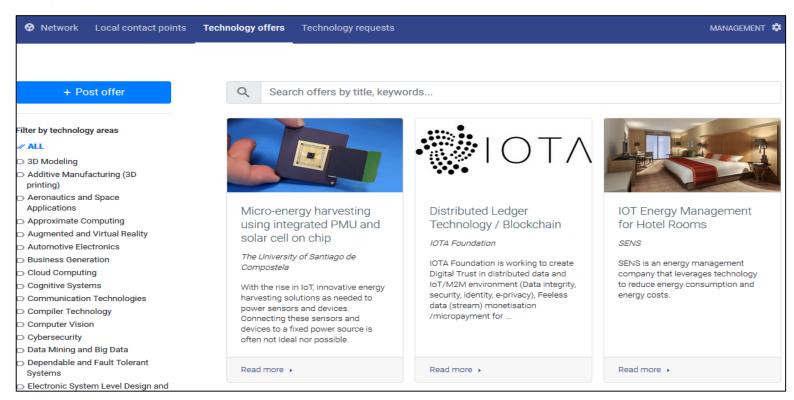






Technology brokerage

- Online brokerage portal to post technology offerings and requests
- Managed by dedicated Chief Technology Broker







Open call schedule

Total number of proposals received so far: 168 (over 8 calls),
 140 involving SMEs

Remaining calls:

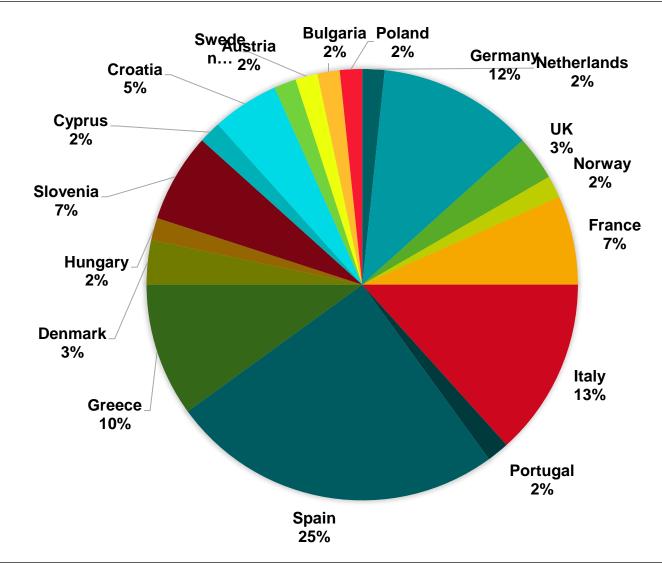
- 4th Bilateral TTX: closes April 30, 2020
- 4th Value Chain TTX: closed, under evaluation
- 3rd Entrepreneurial TTX: opens April 30, 2020

	Call 1	Call 2	Call 3	Call 4
Bilateral TTX	Nov 2017	Oct 2018	Sep 30, 2019	Jan 31, 2020
	TTX duration: 6-12 months	TTX duration: 6-12 months	TTX duration: 6-12 months	TTX duration: 6-9 months
Value chain oriented interdisciplinary TTX	Feb 2018	Dec 2018	Aug 31, 2019	Nov 30, 2019
	TTX duration: 12-18 months	TTX duration: 12-18 months	TTX duration: 10-12 months	TTX duration: 10-12 months
Entrepreneurial TTX	Aug 2018 TTX duration: 3-6 months	Aug 31, 2019 TTX duration: 3-6 months	Apr 30, 2020 TTX duration: 3-6 months	n/a





How TTX proposers are spread across Europe







TTX proposals received/granted per call

TTX type	Call 1	Call 2	Call 3	Call 4
Bilateral	Nov 17 31/6	Oct 18 26/5	Sep 19 36/4	Jan 20 OPEN
Value chain/interdisciplinary	Feb 18 14/3	Dec 18 16/2	Aug 19 9/2	Nov 19 13/x
Entrepreneurial	Aug 18 16/4	Aug 19 8/3	Apr 20	-

Average acceptance rate: 17%

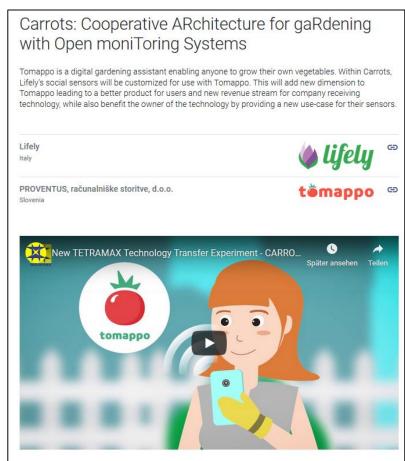




TTX awards and promotion

- Highlighting TTX with outstanding impact by featuring success stories in the newsletter, video clips
- First award handed out at the HiPEAC Conference, Bologna, Jan 2020 to the team of TTX "CARROTS"





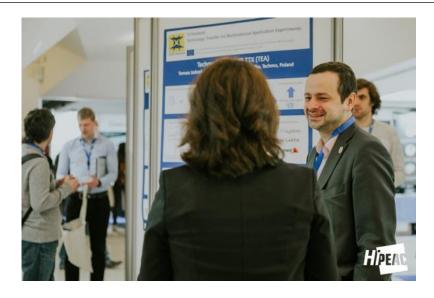
See e.g. YouTube

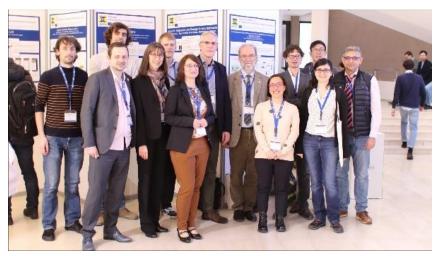




Poster sessions

- Adopted from TETRACOM project
- Organization of two poster sessions at major events presenting all active or concluded TTX
- 1st session organized at the HiPEAC conference, Bologna, Jan 2020
- 2nd session planned for HiPEAC conference, Budapest, Jan 2021









Industrial Advisory Board

2nd IAB meeting: Sep 26, 2019, Aachen

Celia Pelaz

Member of the Executive Committee, Head of Spectrum Dominance & Airborne Solutions HENSOLDT



Darya Yegorina CEO & Founder CleverBooks LinkedIn



Gabriel Almeida
Principal Engineer
HARMAN International/Samsung
Linkedin



John Goodacre Chief Scientific Officer Kaleao Ltd LinkedIn



Laima Kaušpadienė
CEO Sunrise Valley Science and
Technology Park
and Member of the Governing
Board of the European Institute of
Innovation and Technology (EIT)
LinkedIn



Matthias Weiss Managing Director CommSolid GmbH LinkedIn



Oscar Gallego Castilla

GE Digital Europe Director & GE Digital Spain Chairman of the Board General Electric Digital LinkedIn



Tero Rissa
Principal System Architecture &
DSP Specialist
Xilinx Finland
LinkedIn



Wilken Engelbracht
Partner
Tengelmann Ventures (TEV)
LinkedIn

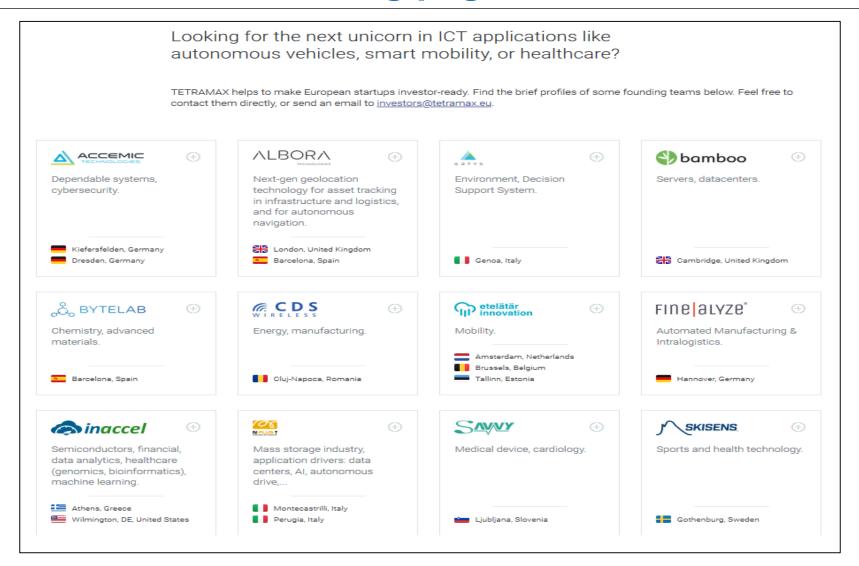








New feature: VC landing page

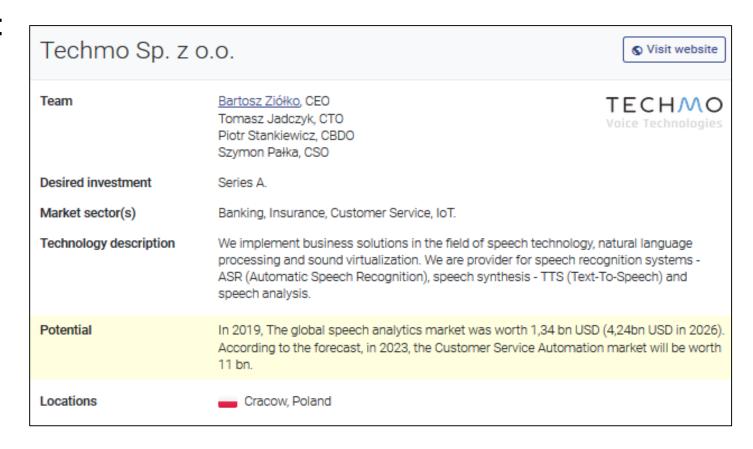






New feature: VC landing page

- Brief investor-ready start-up/scale-up profile templates created based on various investor interviews
- Example:







Management team

- Project Coordinator
 - Rainer Leupers, RWTH Aachen
- Technical Project Officer
 - Dominik Šišejković, RWTH Aachen
- Financial and Administration Officer
 - Eva Haas, RWTH Aachen
- Dissemination and Communication Officer
 - Katrien Van Impe, Univ. of Ghent
- Web admin
 - Eneko Illaramendi, Univ. of Ghent
- Chief Technology Broker
 - Wei Jan Wang, Chalmers Univ.

www.tetramax.eu















