



NATIONAL TECHNICAL UNIVERSITY
OF ATHENS
SCHOOL OF CHEMICAL ENGINEERING



“A new era for the Greek ecosystem of Innovation and Knowledge-Intensive Innovative Entrepreneurship”

RC6: Entrepreneurship & Technology Transfer

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A new phase of the Greek ecosystem of Innovation and Entrepreneurship

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- Entrepreneurship a heterogeneous concept.
- The number(s) in the 2010s' decade: 1127 (Grant Thornton, 2017), 1000 (Marathon), 600 (other estimates), 100 (a deep technology fund, 2013-2017)
- From awards to acceleration and incubation.
- First remarkable success stories.
- From Appreneurship to Knowledge Intensive Entrepreneurship and Deep technology Ventures.
- An interest from the Large Firms and the Sectoral Unions of Firms in Greece.
- Equifund as a “Fund of Funds” and the creation of 9 funds for seed capital and business growth capital.
- Mobilisation of research teams.
- The importance of “individualised coaching schemes”
- Availability of human networks (coaches, mentors, evaluators)
- International Cooperation. From benchmarking to bench learning
- What is at stake.

Valorisation of research results: The NTUA potential (1/2)

- Strong research base. Active regular long-run participation in EU-funded Research Joint Ventures based on competitive calls for proposals in the context of EU FP and Horizon programmes for Research.
- More specifically NTUA research units hold the following position- among 77 thousand organisations- during the period “1984-2020”:
 - **7th** in terms of participation as **project partners**.
 - **9th** in terms of participation as **project coordinators**.
 - **7th** in terms of centrality in the emerging research networks.
- These networks are formed through the Research Joint Ventures (RJVs) funded -under competitive conditions- by the EU in the context of the seven Framework Programmes (1984-2013) and the eighth Horizon 2020 (2014-2020).
- Project funding is allocated on a competitive basis which practically means that research proposals are evaluated against a set of specific criteria such as relevance, scientific excellence, potential impact, quality of consortium, quality of management, etc.
- Most importantly, during the last seven years competitive EU FP funding accounted for 10-12% of the total R&D expenditure in the country (Caloghirou et al., 2021)

Valorisation of research results: The NTUA potential (2/2)

- Unique pool of researchers - academics - potentially "business-minded" graduates
 - NTUA has currently 2.500 PhD students → only a very low ratio of them can be employed in Universities and Research Centres.
 - The majority are called to utilize their research results in the business-productive sector
- Breeding ground for research valorization and entrepreneurship
 - Activation, Orientation, Curriculum/ Experiential Education (Familiarity with the market), Mindset/ Approach, Creativity Environment,
- Returning "value" from a Public University to Society : jobs, new productive investments

Long-term Promoting and Supporting Innovation and Knowledge Intensive innovative Entrepreneurship

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ΜοΚΕ ΕΜΠ

mke.ntua.gr



2011 –today: Cultivating the “breeding ground”

1. Education Curricula (formal and tacit).
2. Networking and Collaboration at the national and international/ global level
3. Research on Innovation and Entrepreneurship (esp. Knowledge Intensive Entrepreneurship).

INVENT NTUA

www.epinoo.gr



2014-today: The NTUA Incubator

1. Acceleration
2. Individualised Coaching and Mentoring model (S.O. Kwadraat
3. Infrastructure

InventICT

www.inventICT.gr



2017 – today (Sectoral focus

1. Individualised Coaching model
2. Search for funding
3. Extroversion

Coaching activities – IEU/NTUA

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Total number of beneficiary persons	Total number of beneficiary teams	NEWLY ESTABLISHED VENTURES
233	92	11



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<http://www.archoff.com/>

ΝΙΚΟΣ ΛΕΒΕΝΤΑΚΗΣ
PRODUCT DESIGN



<http://www.crowdpolicy.com>

<http://www.thesarmproject.com>



web4thejob.org

<http://web4thejob.org>



<https://www.easykenak.gr>



<http://appraisify.com/en/>



<http://tradescraper.com>

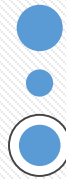


<http://www.e-nios.com>

[Simple New Ideas P.C.](http://www.simplenewideas.p.c)



Services



Coaching &
Mentoring



Networking

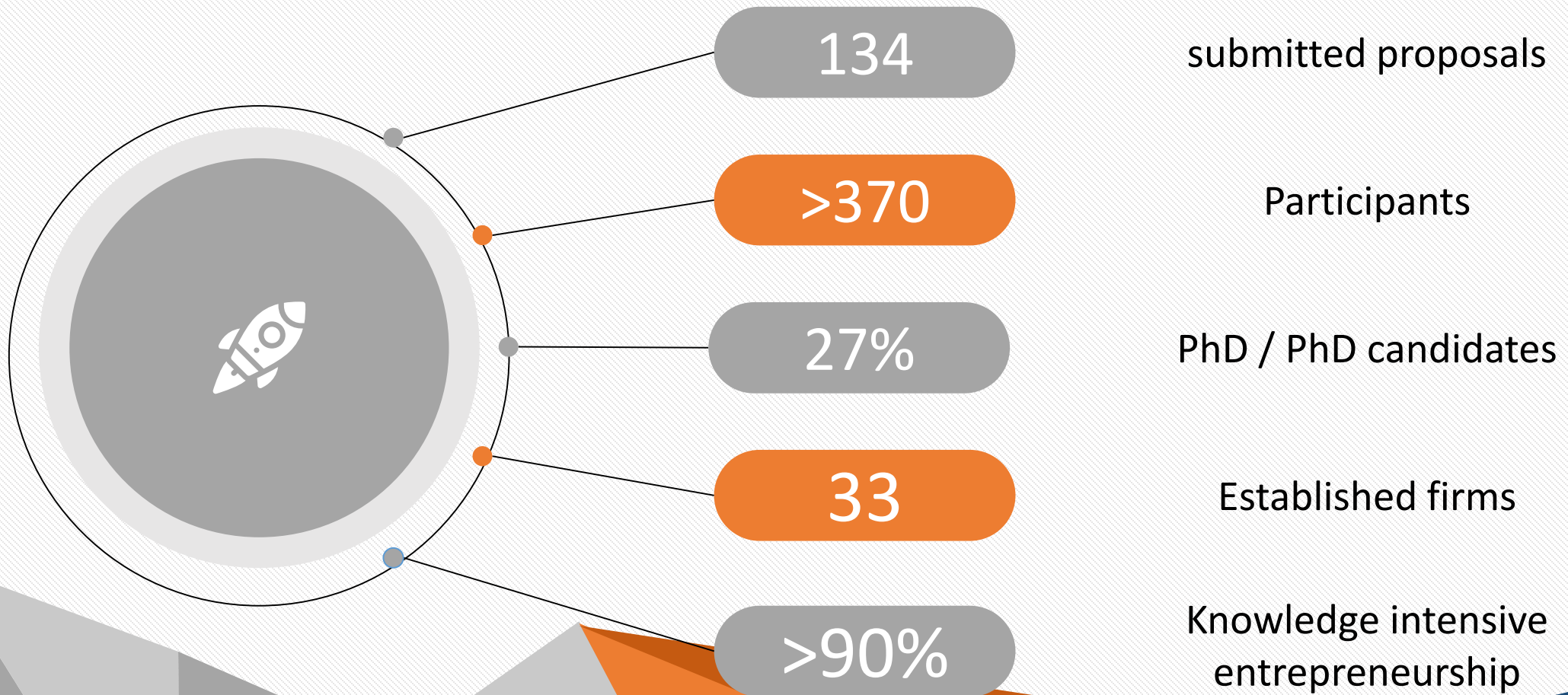


Infrastructures



Preparation for
funding

3 years Invent ICT



3 years Invent ICT

45

Mentors & Coaches

>850

hours of support

>200

Meeting sessions

40

Workshops and events

CEO Nights



- 70+ participations in national and international events



Funding

340.000 €

European Structural
and Investment
Funds

700.000 €

Venture Capitals

100.000 €

Innovation
programmes

20.000 €

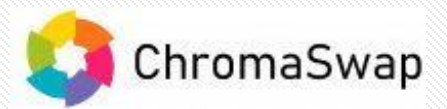
Business Angels

Total funding > 1,1 εκ. €

■ Success Stories



■ Startups



■ Networking





ΤΕΧΝΟΛΟΓΙΚΟ
ΠΟΛΙΤΙΣΤΙΚΟ
ΠΑΡΚΟ
ΛΑΥΡΙΟΥ

Lavrion Technological and Cultural Park

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- Support new scientists to test their research results under real-life conditions.
- Implementation of NTUA large-scale research programmes.
- A place for demonstration of innovative technologies and products.



A series of actions during the last years

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Thank you for your attention
