NEW APPROACH & GOVERNANCE FOR INNOVATIVE SCIENCE & TECHNOLOGY PARKS

GEORGIA AYFADOPOULOU
C.E.O. THESSALONIKI TECHNOLOGY PARK
TTP SA ACTIVE INNOVATION ACCELERATOR

• 25 years of history:
  • active support to innovative companies
  • Contribution to regional development and growth through innovation
  • Creating the foundation of the Thessaloniki Innovation Zone

• Triple helix oriented.. company’s share holders structure:
  • Center of Research & Technology Hellas
  • Federation of Industries in of Northern Greece
  • Greek International Business Associations
  • Selected companies

• “Bringing “maturity to startups in different sectors
LESSONS LEARNED.....

• **Incubator “inside” the Research Center is a limited choice:** Successful researchers start ups, specialization in the fields of Research Institutes, rely a lot on the cooperation with the Institutes, limited space for expansion.

• **Innovation is industry driven:** The Champions in innovative Entrepreneurship in the region did not used the innovation infrastructure of the region.

• **Certification of research results is needed:** Research community highly appreciated and recognized however non fully trusted by the industry.

• **Need for new governance of stakeholders & flexible structures:** The dynamic potential of the region is misused due to lack of common understanding and an horizontal policy like “innovation for all” resulting to “soft” actions & low impact.
THESS-INTEC: THESSALONIKI INTERNATIONAL TECHNOLOGY EPI-CENTER

Holistic & sustainable approach with all willing actors of the innovation ecosystem for a new generation, large & open to the community Science & Tec Park in Thessaloniki
THE “MEGA-PROJECTS” FOR INNOVATION (1)

• **Industry driven & attractive** to foreign private investments

• **A value proposition not for all** but for those who are qualified & capable to contribute

• **Focused** on a field and aiming to a list of innovative products

• Adopting **capacity sharing model** for research infrastructure and facilities for providing efficient answers to “urgent” requests for mega project launching.

• **Incentives customized** to the “mega project” owners needs
THE “MEGA-PROJECTS” FOR INNOVATION (2)

MEGA-PROJECT

- Dynamic private actors
- Excellence in Research (TRL>7)
- International Tendencies & State of the art

Thessaloniki Technology Park
ANALYSIS PER ECONOMIC SECTOR/FIELD

- **Industry dynamics**
  - LOW
  - HIGH

- **Research Readiness**
  - HIGH
  - LOW

- **Cluster projects**
  - "Wave effect"

- **Mega projects**

- **Education/training technology platforms**

- **Industry dynamics**

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Thessaloniki Technology Park
THESS-INTEC MEGA PROJECTS FIELDS

Paradigms of mega projects & domains:
1. New materials & manufacturing
2. Smart, sustainable & livable cities technologies: advanced techniques and technologies for smart living environment creation and monitoring.
3. Research & innovation at the intersection of biology, informatics, nanotechnology.
4. Sustainable energy technologies and products
5. Agro biotechnology & Agrofood techniques for production and distribution
6. Simulated & responsive environments

..to be confirmed during first period
A new Land to the vicinity of the Thessaloniki airport……
Attractive living experience for foreigners …..
Unique leisure recreation area for inhabitants ….
THESS-INTEC IDENTITY

Innovation accelerator Mechanism:
- facilitating Research and Industry interface
- identifying innovation MEGA Projects thus strengthening the potential of regional economic sectors development
- Defining value propositions for foreign knowledge intensive capital investors

Convention Center infrastructure:
- Thessaloniki landmark building
- Scientific & business Conferences
- On site Hotel accommodation

Business incubator
- Highly transformable & sustainable buildings
- Hosting of Small startups
  Provision of state of the art (manufacturing & res) Labs to Big companies
- Offices for service companies
THESS-INTEC IDENTITY

Knowledge Pole
- Science Shop Platform Spaces
- Innovation capacity building & training
- Knowledge economy centric activities (improving regions dynamics in innovation creation).
- Allowing knowledge to flow from “knowledge creation point” to “opportunity for usage point”

Research Cluster
- Networks of excellence in selected research topics
- Administering networks of academia and/or companies
- Research intensive clustering activities for SMEs
- Research infrastructure sharing

Leisure recreation area
- Science Toys space
- Aquarium
- Technology & innovation museum
- Sea side promenade
- Performance spaces
- Green Outdoor spaces
THANK YOU

gea@thestep.gr

www.thestep.gr
WHAT IS AN EPI-CENTER?

1. **A structure** with the aim to improve the dynamics for innovation & to drastically influence the “status quo”.

2. **An infrastructure development project** dimensions, which highlights the “new” and improves the image and the capacities of the city on important aspects (in Thessaloniki conference capacity, smart city neighborhood..)

3. **A network** of cooperating networks/clusters governed in order to build innovation capacity to participants

4. **An organization** managing the infrastructures and securing for its users/customers access to special conditions for facilitating innovative cooperative business models development

5. **A Community of knowledge** in which people are gaining experience and having access to open knowledge and innovation initiatives