

About

The **Nanotechnology Lab LTFN** is a **Digital Innovation Hub** acting as a **One-Stop-Shop** offering a plethora of **innovative services to companies** to support them fully benefit from digital innovations and update their business, production processes, products and services. **Nanotechnology Lab LTFN** provides companies with Access to State-of-the-art Technologies, Facilities, Networking, Funding Opportunities and Skills Development Services so that they successfully adapt to the **Industry 4.0** era.

Services provided:

- TestBeds
- Expertise
- Networking & Ecosystem Building
- Education & Skills development
- Access to Funding



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DIGITAL
INNOVATION
HUB

Nanotechnology Lab **ltn**

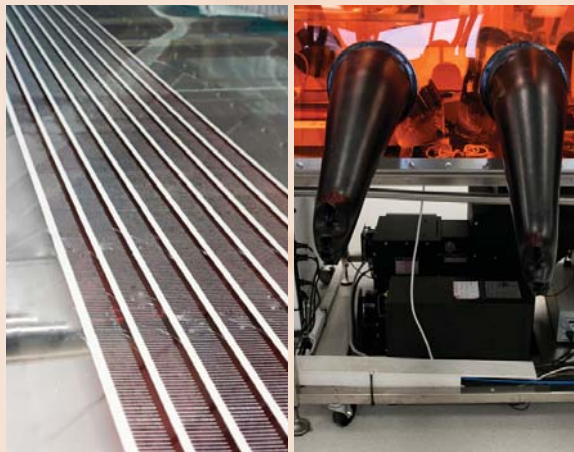


www.ltn.gr

TestBeds & Competences

Nanotechnology Lab LTFN is equipped with 10 Pilot to Production Lines and several Testbed facilities in:

- **Organic & Printed Electronics and Photonics**
- **Thin Films, Nanomaterials & Nanoengineering**
- **Nanomedicine & Nanobiotechnology**
- **Optical Technology & Nanometrology**



Access to Funding

Having 30 years of experience in National and European funding mechanisms, the Nanotechnology Lab LTFN provides advice to research and business entities on appropriate **financing tools and opportunities** that can be utilized to finance their activities.



Expertise

Nanotechnology Lab LTFN is an internationally acknowledged specialist in:

- Organic Electronics & Photonics
- Thin Films, Nanomaterials & Nanoengineering Technologies
- Nanomedicine
- 3D Printing & 3D Bioprinting
- Nanometrology
- In-line Precision Metrology, Quality Control of Processes & Automation
- Nano-Manufacturing
- Additive & Digital Manufacturing

Its cutting-edge Research & Manufacturing of OE devices focuses on applications in Energy, Lighting, Electronics, Buildings, Automotive, Nanobiomedicine, Wearables, IoT, IoP, Smart Packaging, Greenhouses, etc.



Networking & Ecosystem Building

Nanotechnology Lab LTFN has built a vibrant business-technology ecosystem providing partnership opportunities to companies to widen their networks and form business collaborations.

HOPE-A, with a worldwide network of more than 1000 companies occupied in OEs, organizes Joint Workshops with its international partners, Exhibitions and B2B Meetings bringing business and research actors close to create joint ventures.

Nano | Net, a Worldwide Network of more than 570 individual members (~1200 cluster members), organizes Workshops

and provides Brokerage services for international collaborations.

NANOTECHNOLOGY, the international multi-event in Nanotechnologies, Organic Electronics and Nanomedicine, brings annually together over 2,000 stakeholders through International Conferences, Summer Schools, Exhibition, Business Forum and Matchmaking Events.

GR NanoMed Platform, with 130 Nanomedicine Companies, Institutions & Hospitals from around the globe, organizes Workshops promoting international collaborations.



Education & Skills Development

Nanotechnology Lab LTFN runs **Masterclasses** for Companies on its cutting-edge areas of Expertise, comprising Lectures, Demos of state-of-the-art techniques and Visits to lab facilities.

LTFN runs the **Postgraduate Programme on Nanotechnologies** providing advanced training to the next generation of researchers and entrepreneurs.

Nanotechnology Lab LTFN organizes **International Summer Schools** giving the opportunity to early-career scientists and engineers to grasp the current trends in the emerging fields of Nanosciences & Nanotechnologies, OEs and Nanomedicine.

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