

Nanotechnology in Estonia

Ilmar Kink

Estonian Nanotechnology
Competence Centre

Content



- **General overview**
- **Estonian Nanotechnology Competence Centre**

How can Estonia participate in nanotechnology networks?

Public sector



Private sector



Academia



University of Tartu



Tallinn University of Technology



University of Tartu



Material Science

Thin film technologies

Nanomaterials and -
structures

Electro-chemistry
(fuel cells)

Microscopy (SPM,
SEM, TEM)

Molecular engineering

Biotechnology

Bioinformatics

Genetics

Medicinal
biotechnology

Receptor
biochemistry

Material science and technologies

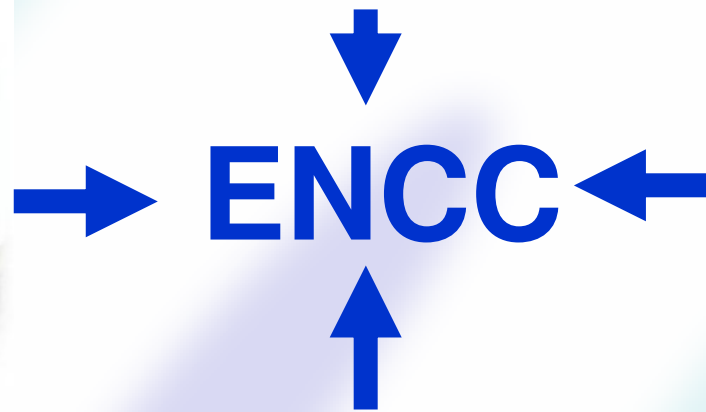
Microscopy (SEM, TEM)

Nanomaterials and
nanostructures

ENCC



University of Tartu



- **Evikon**
- **MikroMasch**
- **K-TEK (USA)**
- **Maico Metrics**
- **NexTech Supply**

ENCC. How can it contribute to nanotech networks?



- **Joint research**
 - Thin film based gas sensor technologies
 - SPM-related material and sensor technologies
- **Competence and services**
 - Surface analysis and technologies
 - SPM technologies, MEMS

Contact information



ENCC: www.encc.ee, info@encc.ee

Location: Tartu, Estonia

**Tallinn University of Technology:
www.ttu.ee**

Location: Tallinn, Estonia

University of Tartu:

www.ut.ee

Location: Tartu, Estonia