



InnoHEIs
Interreg Europe



European Union
European Regional
Development Fund

Tampere University of Applied Science and Council of Tampere region

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Tampere region

NUTS3 level region, 22 municipalities (23 from 2021)

GNP/capita EU27 = 128

36 000 €/capita / EU27: 28 200 €/capita

Population 515 095 (+0,59 %)

Foreign speakers 24 975 (4,8 %)

Foreign nationality 15 679 (3,0 %)

Population with higher education 136 920 (32 %)

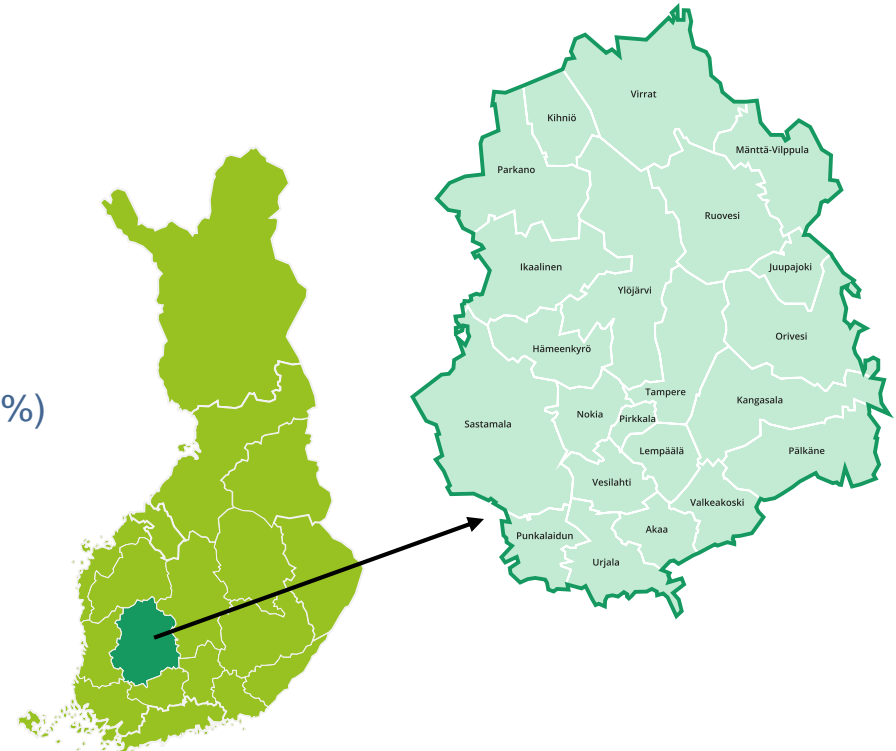
Higher education statistics (2018)

Staff (man/year) 2 582

Students 30 780

Graduated students 6 066

Foreign students at Tampere University
of Applied Sciences 416 (2017)



Tampere region



Value of Import EUR 3,7 bn



**Value of Export
EUR 5,0 bn**



**Turnover of manufacturing
export EUR 6,7 bn**
(Foreign-owned companies
account for 40 % of export)

R&D Expenditure

EUR 660 million
(-1,7 %; 2017)

Financing for HEIs
EUR 48,6 million
(+1,8 %; 2018)

Industrial export

Technology industry
(manufacture of metal, electronic and machinery) 45 %
Forestry 30 %
Manufacture of chemicals, chemical, rubber and
plastic products 15 %



Digital Service Companies

Companies 892
Employees 7 771
Turnover EUR 1,4 bn
Value added* EUR 890.6
million
(gross at basic prices)



*Includes Publishing activities: Audio-visual activities: Telecommunications: Computer and information service activities

Sources: 1) BKT (2016e): Eurostat, 2) tavaravienti ja -tuonti (2018): Tulli, 3) vientiliiketoiminta (2018e): Tilastokeskus, 4) lentomatkustus (2018): Finavia, 5) väestö (2018): Tilastokeskus.

Top business ecosystems in the Tampere region



Intelligent Machines

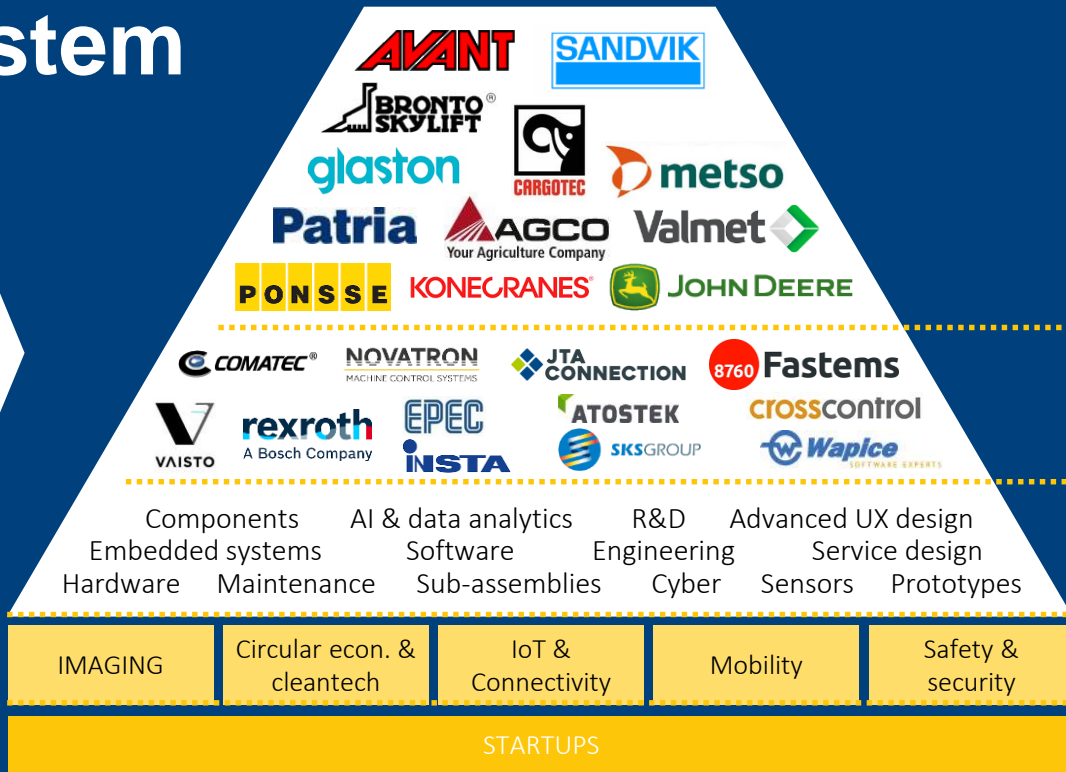
system

COMMUNITIES
& FACILITATORS

DIMECC



BUSINESS
TAMPERE



OEM's

System integrators

Suppliers

Supporting ecosystems

RESEARCH Tampere University
Tampere University of Applied Sciences

EDUCATION Tampere University
Tampere University of Applied Sciences

Tampere University of Applied Sciences

- Also known as TAMK
- Located in the City of Tampere, Finland
- Fields of expertise: business, health care & wellbeing, technology & production, environment, culture, professional pedagogy
- *Focuses* on practice and rewarding learning experiences
- Offers a diverse and multidisciplinary learning, R&D and innovation environment
- Member of Tampere University community

TUNI – Tampere University community

From the beginning of 2019 Tampere University and Tampere University of Applied Sciences (TAMK) constitute the Tampere higher education community. This new university community offers an opportunity to lead the way of advanced research and education.



TAMK's open advanced research and innovation infrastructure are jointly capitalised with world leading intelligent machine ecosystem

1. Open Lab

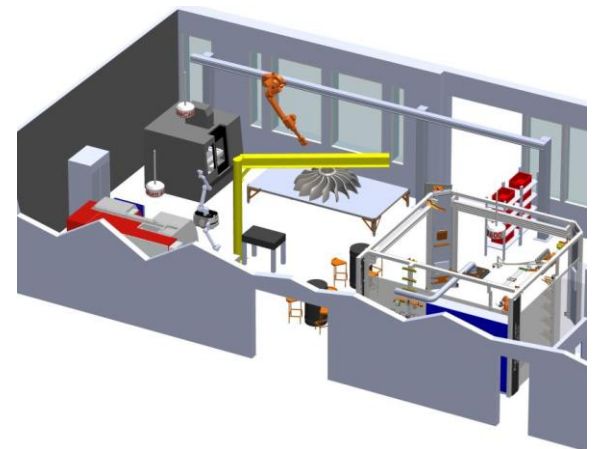
- Industrial learning environment
- Field Lab, test bed for Industry 4.0 exploitation
- Key equipment: 3D large scale bio-based printing, 5-axis machining, AI analytics, robotics etc
- Co-creation, co-innovation with all stakeholders
- Lifelong learning, update of skills and competences among professionals

2. Virtual site Lab

- Next step towards bridging knowledge and technology over existing sector boundaries

3. Y-Campus

- Supportive innovation and entrepreneurship competences



TAMK's aims in the InnoHEIs project

1. Interregional networking and sustainable partnering with other European regions and actors in the field of RII ecosystems, targeting also other joint initiatives among them
2. Benchmarking the best practices around Europe to fortify the engagement and participation of various ecosystem stakeholders in the Tampere Region for the benefit of our economy
3. Learning and jointly co-creating new learning environments and operational models to offer our students and professionals already at work the skills and competences required in the future

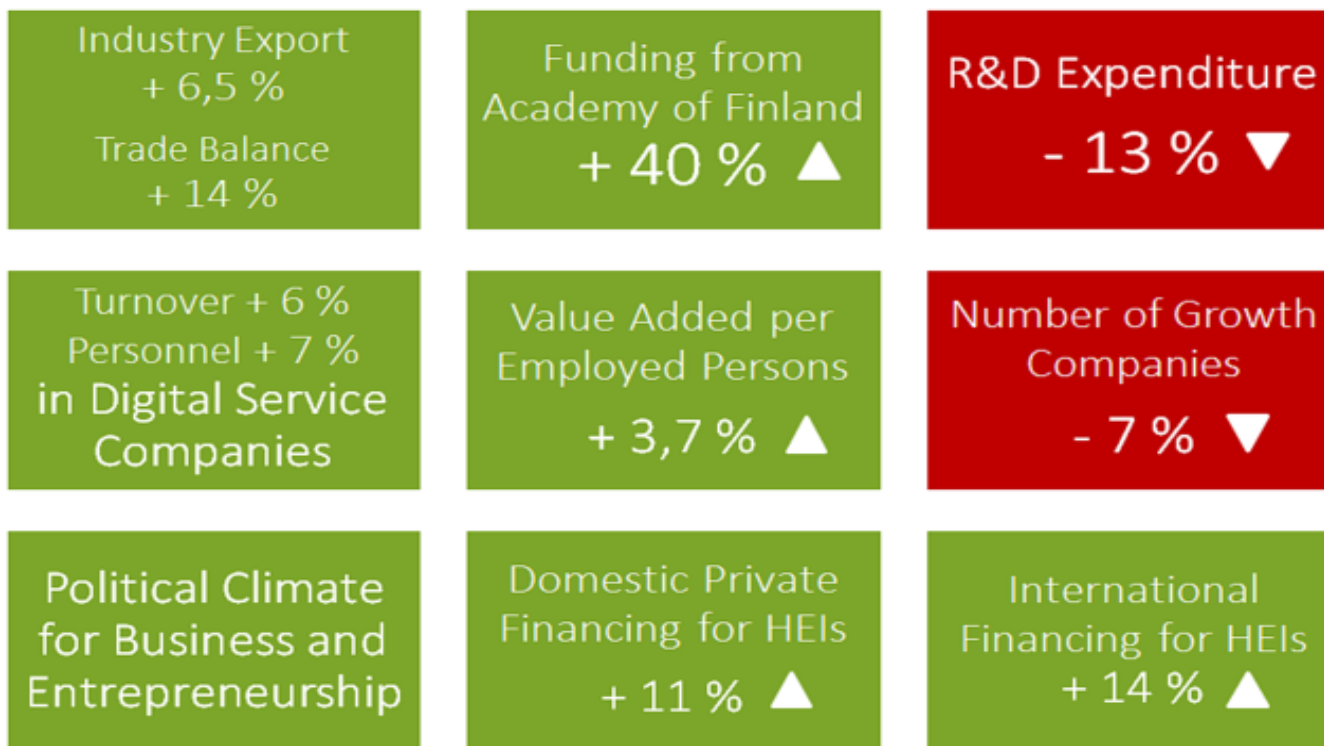


Council of Tampere Region

- Regional Councils are statutory joint municipal authorities operating according to the principles of local self-government. The Councils operate as regional development and regional planning authorities.
- Regional government concentrates on key innovation capabilities: Regional development programme including RIS3 (Regional Smart Specialization Strategy) with substance areas and working methods
 - RIS3 substance areas – digital manufacturing, smart city solutions, circular economy, health and wellbeing services and systems
 - RIS3 working methods – participative innovation and development platforms and growth services, systemic trials, pilots and demonstrations, talent and human capital aspects in development and international co-learning and investments
- Policy instrument: Finland's Structural Fund Programme Sustainable Growth and Work 2014-2020
- Situational Picture of Innovation (in Traffic Lights 2018) – key indicators of innovation activity in the region

Situational picture of Innovation in Traffic Lights

More information: pirkanmaantalous.fi/innovaatiotilannekuva/more-fuel-to-the-regional-innovation-pipeline



Policy Instrument addressed in the InnoHEIs project

- Finland's Structural Fund programme Sustainable Growth and Work 2014-2020
- Managing Authority of Finnish ERDF programme is the Ministry of Economic Affairs and Employment (TEM), which channels the funding to Regional Councils (Intermediate bodies)
- ERDF now used for site-specific short-term innovation development activities instead of supporting long-term ecosystemic processes and internationalization
- Direct support to companies is not possible
- ERDF funding is modest compared to other public funding in the region
- How to build an overview and view of the future? How do the region relate to large ground currents using systemic thinking and digitalization? Ind 4.0 or something else? Where are the companies, university and public sector ready to invest?



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Thank you!

Questions welcome



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