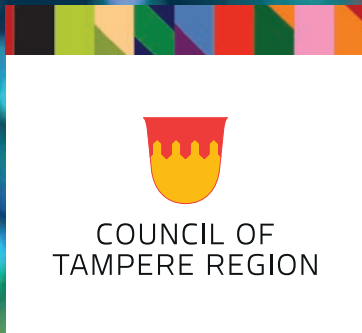


ECOSYSTEM FOR INNOVATIONS AND GROWTH

**#startupalliance #growthecosystem
#situationalpictureofinnovation #tamperere #pirkanmaa**



SITUATIONAL PICTURE OF INNOVATION CRYSTALLIZES NETWORK PRODUCED INFORMATION

The Situational Picture of Innovation offers up-to-date information about the Tampere Region RDI operations. It collects together the information produced by the Innovation Ecosystem actors and the interpretations of the requirements of growth in the region. The Situational Picture of Innovation is carried out annually and it follows up progressions that are recognized strategically important in Tampere region. It is part of the knowledge management of the region and sustains innovation design, decision making and implementation. The Situational Picture of Innovation consists of six main themes: value network capability, company growth, RDI funding, development of the higher education institutions, digitalisation and internationality.



The Situational Picture of Innovation.

WHERE INNOVATIONS WERE
CREATED IN 2018*

39
Innovations in
the laboratories
of the universities
and research centers

72
University
inventions

62

Sparred business ideas
on the Y-campus

112

Domestic patent
applications in
Tampere Region

+ 6,6 %
Research and
development expenditures

+ 6,5 %
Industry export

Venture
transactions

+ 8 %
Growth
companies

+ 23 %
Business Finland
funding for companies

+ 6,5 %
International private
finance for HEIs

+ 45 %
Visibility of Tampere in
international media

International
researchers, students
and work force

- 22 %
Domestic private
finance for HEIs

THEME INDICATORS



VALUE NETWORK CAPABILITY

The new combinations of skills helps to survive the economic cycles



RDI FUNDING

Research and development expenditures turned to growth in Tampere Region



UNIVERSITIES

The new university community attracts foreign researchers and companies



COMPANY GROWTH

Ecosystem of growth consists of availabilities, ideas and successes



INTERNATIONALITY

Attention towards talent retention



DIGITALISATION

Machine learning and artificial intelligence will be the next wave of innovations

* Sources: Tampere University, Tampere University of Applied Sciences, laboratories of the universities and research centers, PRH.

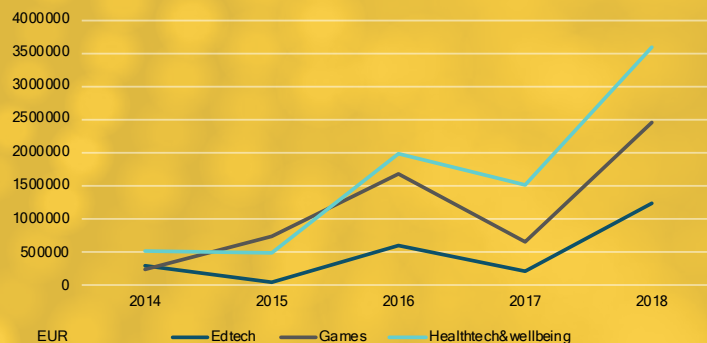
#GrowthEcosystem

NETWORK OF INNOVATION HUBS

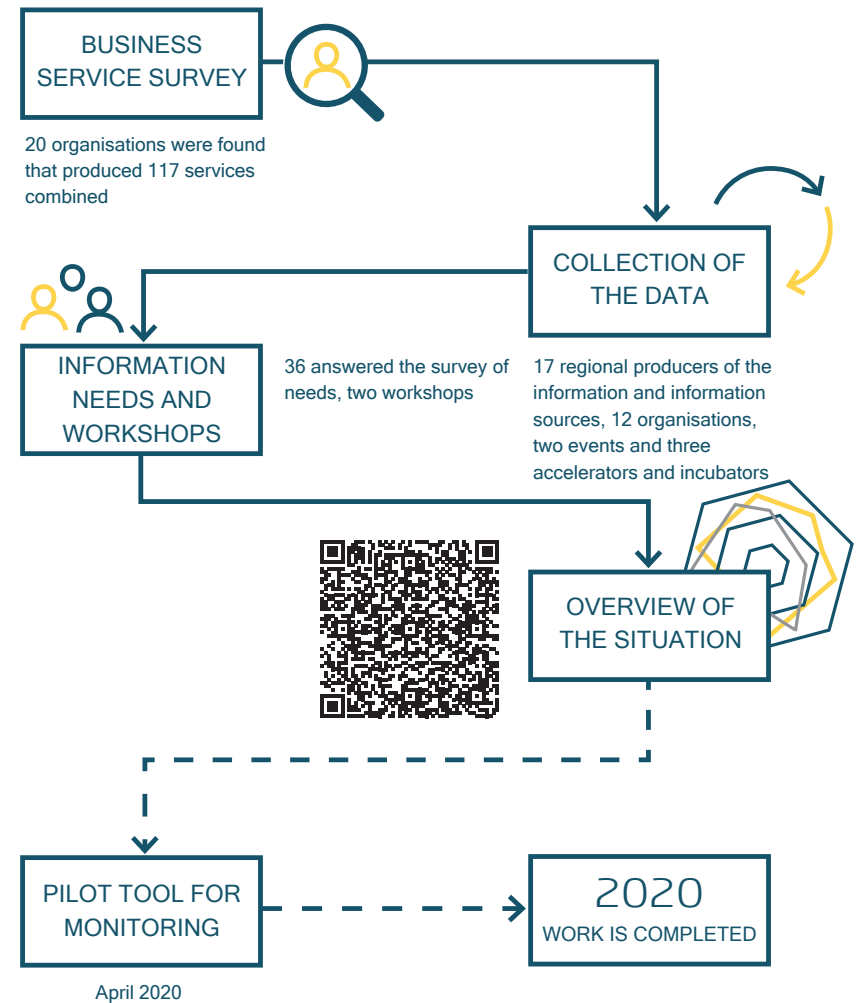
MONITORING TOOL FOR ENHANCING THE FOLLOW UP OF STARTUPS

The Council of Tampere Region is developing a digital tool for monitoring startups in the region. Development is a part of the 6Aika - Ecosystems of Growth project. With the tool companies and their collaborative organisations are able to monitor startups and their growth, innovations and financing of the businesses in real time. The tool offers information also about regional innovation networks and their member startups. It makes it easier to follow up with the ecosystem in long term and is easily applied in other fields. The services and networks of the growth-seeking companies are typically fragmented. After the first phases of the startup the services diverge and the path to growth breaks off. To fix this 6Aika - the Ecosystems of Growth project develops innovation ecosystems that will unite and network business sector, universities, investors and customers. Ecosystems support the companies and active networking of the actors.

Public funding of the companies in selected ecosystems



THE DEVELOPMENT PROCESS OF THE GROWTH-SEEKING COMPANIES MONITORING TOOL



"There is plenty of information out there but it's scattered in different organisations."

NEW ALLIANCE TO HELP STARTUPS WILL START IN TAMPERE REGION

A new collaboration model is about to start in Tampere Region. It's called Startup Alliance and it will develop the startup ecosystem in the region, create services for companies and clarify the role of the public sector in the ecosystem. The goal is to develop the functions of the startup ecosystem in a strategic, innovative, collaborative and sustainable way. The sides of the alliance recognize each others strenghts and will combine their resources early during the ideation process. This is to avoid mutual competition and to create network-like culture that will help everyone to move forward. Together all the participants make the ecosystem flourish.

ROLES OF THE ACTORS



ENERGY MAKER
Develops the ecosystem by acquiring more actors, money and other resources.



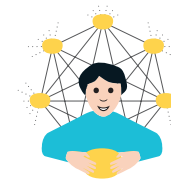
TALENT BUILDER
enables new talents to be born and grow. Helps lift the ecosystem to the next level.



FRONT PERSON
offers the public image for the ecosystem. Markets and develops the ecosystem and attracts the actors to join. Strategic role outwards of the ecosystem.



CULTURE AND COMMUNITY BUILDER
leads and builds up the collaboration, team spirit and relations.



BUILDER OF THE NERVOUS SYSTEM
understands the big picture and assembles different circuits inside and outside of the ecosystem.



DIRECTOR
monitors and keeps track of the ecosystem objectively, produces information of it and leads it towards the future.

SPONSORS

"We listen to each other carefully and respect all opinions."

COMMUNITIES

"We discuss openly and honestly in the ecosystem."

PUBLIC SERVICES

STARTUPS

LARGE COMPANIES

INDIVIDUALS

"We encourage each other to think freely and innovatively."

INVESTORS



COUNCIL OF TAMPERE REGION

SITUATIONAL PICTURE OF INNOVATION

The Situational Picture of Innovation is an annual collaborative effort modified by a large group of experts from regional authorities, universities, advocating organisations, innovation platforms and entrepreneurship and financing experts. The operating model has been developed in the Council of Tampere Region since 2013.

STARTUP ALLIANCE

The members of the alliance are City of Tampere, Tampere Region Economic Development Agency Business Tampere, Council of Tampere Region, Tampere University of Applied Sciences Fund, Tampere University of Applied Sciences, Pirkanmaa Hospital District, ELY Centre of Pirkanmaa and Pirkanmaa Employment Services. The development of the Alliance has been funded by Sitra.

6AIKA - THE ECOSYSTEMS OF GROWTH

The cities participating the Ecosystems of Growth project support the RDI operations of the growth-seeking companies. Participants are City of Helsinki (coordinator), City of Espoo, City of Oulu/Business Oulu, Council of Tampere Region, Tampere Region Economic Development Agency Business Tampere, Turku Science Park and City of Vantaa.

SITRA

#GrowthEcosystem
NETWORK OF INNOVATION HUBS

6Aika



Leverage from
the EU
2014–2020

