The most interesting region in Finland
Sustainable and dynamic Tampere Region

The Council of Tampere Region nurtures and facilitates new sources of growth. Development of the manufacturing industry and bio- and circular economy ecosystems plays a key role in innovation in the region. These also serve as examples of smart specialisation in Tampere Region. The aim is to develop products and services that promote carbon neutrality. The potential of digitalisation will be utilised to strengthen operations, production and competence.

The Council of Tampere Region is a local regional authority of the region’s 23 municipalities. We work in close cooperation with businesses, universities and public sector actors. We are involved in finding ideas for new, sustainable perspectives and contributing to their realisation. We promote the region’s interests and raise awareness of it both nationally and internationally.

Tampere Region provides an excellent setting for positive encounters, ideas for a sustainable future and international business.
Tampere Region has a long and proud industrial heritage, including strong competence in engineering, machine and metal industry, bio- and circular economy and digital technology, complemented by high-quality professional knowledge in research and product development.

Instead of selecting top industries, new cross-sectoral operating methods are devised in Tampere Region. The aim is to develop, for example, products and services that promote sustainable development and carbon neutrality. The spearheads of the region’s smart specialisation include inclusive innovation and development platforms and services, systemic experiments, pilots and demonstrations, the talent and human perspectives in development, as well as international co-learning and investments.

Smart competence in Tampere Region

Collaboration produces new and competitive leading-edge international competence.

Kolmenkulma Eco-Industrial Park

The location of Kolmenkulma Eco-Industrial Park, focusing on bio- and circular economy, is ideal, extending into the area of three municipalities. Companies based there utilise and refine, for example, side streams from industry, energy production and construction.

The area is developed by the City of Nokia, bio- and circular economy development company Verte and the municipal waste management company Pirkanmaan Jätehuolto, in cooperation with around 30 businesses, Council of Tampere Region, Centre for Economic Development, Transport and the Environment, universities and research institutions.

Kolmenkulma provides outstanding opportunities for the development of bio- and circular economy business. Public and private sector cooperation facilitates further new business prospects.

“To promote innovation and new business models, and to support the cost-efficiency of processes, we are creating a data economy model and circular economy accelerator operations for start-up companies and innovations, in regional cooperation,” says Sakari Ermala, General Manager at Verte Ltd.
Sustainable Industry X Hub

Sustainable Industry X (SIX) develops a world-class operating model to lead the way to concrete collaboration between manufacturing industry operators. The aim is to bring together operators and the best of existing practices to form an entity that serves the needs of industry.

“In our work, we aim to focus on the essentials in terms of industrial competitiveness, and taking everything a step further beyond the ordinary. In this, agile co-creation tools and experimental research and competence development environments play a key role,” says Harri Nieminen, Co-Creation Manager at VTT.

The results of the cooperation include an ecosystem of intelligent mobile working machines, focusing on the heavy and time-consuming research and technological development in the sector. The results can be utilised by all.

Moreover, a smart manufacturing RDI hub is being prepared. New collaborators are welcome to build the hub.

“Participation is truly worth it. In the first stage, the results are visible as genuinely useful company-driven operations and, in the long term, as new innovations, new competence and higher competitiveness,” Nieminen comments.

Collaborators in the hub include VTT Technical Research Centre of Finland, the University of Tampere, Sandvik, Agco Power, John Deere, Ponsse, Fastems, Metso and Reaktor.
REAKTOR RESHAPES INDUSTRIAL DIGITALIZATION

Strategy, design, and technology company Reaktor has set foot in Tampere, helping industry leaders such as Cargotec bolster their digital and data-based services.

When leaders of industrial manufacturing begin harnessing digitalization, they usually encounter three kinds of challenges: turning digital strategy into impactful actions that provide business value, finding the right people to do it, and adopting the process of continuous learning and development. To help companies transition to the digital realm, the Finnish strategy, design, and technology company Reaktor has opened an office in Tampere.

“We want to support companies in understanding the potential of digitalization and how to leverage data, artificial intelligence, user-centered design, IoT, and emerging technologies in their core business. The Tampere region is bustling with both industry giants and interesting startups,” says Markku Myllylahti, Business Director at Reaktor Tampere.

Reaktor and Cargotec join forces to harness digitalization

One of the most significant projects of Reaktor Tampere is helping Cargotec, the leading provider of intelligent cargo and load handling solutions, build and run their new Digital Solutions Hub. Established in Tampere in 2018, the hub utilizes methodologies, technologies, and data to develop digital solutions for all Cargotec business areas.

“Reaktor has helped Cargotec by consulting the whole setup and ways of working of the Digital Solution Hub. In addition, we’ve been a part of the development team, coaching them about agile development methodologies, and solving business challenges with technology. Our common goal is to equip Cargotec with skills and insight to navigate digitalization in-house,” Myllylahti explains.

Tapping into a unique talent pool

With offices in New York, Amsterdam, Tokyo, and Stockholm, why is a global company like Reaktor so interested in Pirkanmaa? In addition to the dynamic business community, Tampere is home to many top experts in technology and design. Attracting some of the best talent in the region has been effective for Reaktor since it has clients such as Cargotec, Nokia, and Adidas, and a working culture based on autonomy, continuous learning, and employee ownership.

“We’ve recruited a team of local people with high ambitions and impressive skillsets. In Tampere, we can deliver both local projects and work remotely on joint projects with our other offices,” Myllylahti says.

Interested? Let’s take the next step together.
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The Council of Tampere Region

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