



**TAMPERE.**  
FINLAND



**SUSTAINABLE  
DEVELOPMENT  
GOALS**

# **CITY OF SUSTAINABLE ACTION**

The Voluntary Local Review of  
the UN Sustainable Development  
Goals in Tampere 2022



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# Mayor's greetings

*Tampere is the third largest and most attractive city in Finland. The population of our city grows by about 3,000 new residents every year. Growth creates vitality, but at the same time it requires long-term work on reconciling the challenges of a growing and sustainable city. The UN 2030 Agenda provides a framework for this work in Tampere.*

*Tampere has a long tradition of promoting sustainable development commitments. The new strategy adopted in November 2021, City of Action, identifies the key goals of the 2030 Agenda that are being specifically pursued in line with strategic guidelines. With the strategy, systematic and transparent promotion of the 2030 Agenda goals has begun in Tampere. As a basis for this, the city has now prepared its first local review.*

*The purpose of the 2030 Agenda review is to make visible the commendable work done by the entire City Group to promote the 17 global goals locally. It is equally important that the review also highlights areas in which Tampere still has work to do. I hope that the review will help and inspire us to work even harder towards the global goals. At the same time, we will ensure that Tampere provides the conditions for a good life for every resident.*

*Tampere's review presents a wide range of local actions, solutions and new models to promote the 2030 Agenda goals. What these all have in common is that they emphasise the importance of cooperation between various operators, both between the different units of the city organisation and between the city and its partners. I believe that a sustainable future is built at the local level, above all by working together.*

*Cities have a major role to play in the local promotion of the 2030 Agenda goals. Cities can also take on a stronger role in solving global challenges. In this work, too, cooperation between cities, learning from others and complementing each others' strengths are key. Tampere is well-known for competence, and the city aims to harness the multidisciplinary expertise of the entire urban community for building a sustainable future. I am sure we have a lot to contribute to this.*

*The ongoing decade will determine whether the world will achieve the Sustainable Development Goals set out in the UN 2030 Agenda. Cities have a globally crucial role to play in translating goals into concrete action. Through the City of Sustainable Action review, I am proud to say that Tampere is a strong part of the international network of sustainable, pioneering cities.*

**Anna-Kaisa Ikonen**

# CITY OF SUSTAINABLE ACTION

The Voluntary Local Review of  
the UN Sustainable Development  
Goals in Tampere 2022

## Introduction

### **The 2030 Agenda from global to local**

In 2015, the UN Member States agreed on the 2030 Agenda for Sustainable Development and the goals that will steer the promotion of sustainable development up to 2030. The goals aim to eradicate extreme poverty from the world and to ensure well-being in an environmentally sustainable manner. The guiding principle of the plan of action is that no one is left behind in development. The plan comprises 17 Sustainable Development Goals (SDGs), which have a total of 169 sub-targets.

The goals are binding on all UN Member States, including Finland. Progress towards the achievement of the goals will be reported to the UN through the Voluntary National Review (VNR). Cities play an important role in promoting the SDGs, as approximately two-thirds of the work done to implement the 2030 Agenda goals takes place at the local level. In 2018, the City of New York took the initiative of voluntarily reporting on its progress towards the SDGs at the local level and challenged other cities to participate in the VLR (Voluntary Local Review) process.

The VLR is a voluntary assessment of a city's performance in relation to the 17 SDGs of the UN 2030 Agenda. Cities decide on the manner and scope of the reporting and the reporting cycle themselves. However, many bodies currently provide models and guides for carrying out local reviews, and support and monitor the preparation of them. The VLR can be submitted to the UN, and the reviews will be presented, among other platforms, in UN High-level Political Forums on Sustainable Development, along with the official country reports.

This is Tampere's first local review of the actions the city has taken to achieve the goals of the 2030 Agenda for Sustainable Development. The primary purpose of the review is to introduce the goals of the global plan of action to the City of Tampere Group's operators and to lay the foundations for the local implementation of the goals.

# SUSTAINABLE DEVELOPMENT GOALS



## The 2030 Agenda in Tampere

### The Voluntary Local Review of the UN Sustainable Development Goals in Tampere 2022

In Tampere, the compatibility of the 2030 Agenda goals with the city's operations and strategic guidelines was first reviewed extensively in 2021 in connection with the preparation of the city's strategy. Tampere confirmed its commitment to implementing the 2030 Agenda in November 2021, when the strategy was approved. The SDGs that the strategy's focus areas and guidelines specifically promote were included in the strategy. At the same time, however, it was decided that the City of Tampere Group will promote the 2030 Agenda goals as a whole through its strategic management system, and that it will be transparent in its assessment, reporting and communications regarding its actions towards building a more sustainable future. With the linkage made in the strategy, local work on the promotion of the 2030 Agenda goals was launched, at the initial stage of which it was appropriate to prepare Tampere's first voluntary local review of the SDGs.

The review has been prepared by compiling and structuring assessments, reports and plans describing the city's recent activities in relation to the SDGs. The diverse monitoring data collected by the city has also been extensively utilised in this work. The material has been examined in relation to both the SDGs and their sub-targets. In this first local review, the scope of the examination is limited to the City of Tampere Group's own operations.

The VLR has been prepared as a follow-up to the city's strategy work carried out in 2021. The preparation of the strategy was an inclusive process based on diverse information about operating environments and futures knowledge, in which the city's residents, personnel and stakeholders were extensively involved. Based on this process, the VLR assessment has been carried out as internal expert work in the city's Strategy and Development Unit.

Tampere's first VLR does not seek to review the SDGs in detail or to exclude themes, but aims to serve as a starting point for strengthening the broad understanding and the global, intergenerational perspective of sustainable development within the City of Tampere Group. It is hoped that the local interpretation and implementation of the SDGs will be deepened and diversified in this further work, similarly to what is happening elsewhere. What will remain is the goal of the well-being of people within the limits of the carrying capacity of our planet.

# Structure of the local review

Tampere's VLR presents each of the seventeen Sustainable Development Goals from a global, national and local perspective.

The Tampere perspectives related to the goals are highlighted as both themes and case examples.

In addition, the city's monitoring indicators suitable for evaluating the goals are featured.

## **Global and national level of the goals**

The core content of each SDG is described from a global perspective. The Finnish perspectives on the goals and the assessment of the national implementation status of the goals are based on the 2030 Agenda strategy of the Finnish National Commission on Sustainable Development, completed in spring 2022, and to the related preparatory studies and background material.

## **Tampere's perspectives on and examples of the goals**

The Tampere perspectives linked to each SDG have been compiled by drawing, in particular, on the preparatory materials and discussions of the City of Action strategy drawn up in 2021. In addition, the review relies on the city's key separate programmes and plans. The operations of Tampere's subsidiaries are also featured in these perspectives. The review presents local successes, challenges and solutions by theme.

The review also includes ten case examples of the city's key development entities and activities that are linked to more than one SDG. This aims to highlight the interconnectedness of the SDGs. The case examples have been subjected to rough SDG analysis (mapping), which aims to describe which SDGs presented in the review are most closely linked to the examples.

## **Monitoring and evaluation indicators of the goals in Tampere**

For each SDG, the aim has been to identify indicators that best describe the goal from a local perspective and that are suitable for its evaluation, from among the indicators that Tampere is already using to monitor and evaluate activities. In this context, the proposals of national or international bodies for local-level SDG indicators have not been relied on; instead, Tampere is initially building the monitoring and evaluation system of the goals on the basis of the city's own set of indicators. For each SDG indicator, one recent key fact is highlighted as an example.



# THIS IS TAMPERE

The City of Tampere was established by Gustav III, the King of Sweden, in the then kingdom of Sweden-Finland in 1779. Built on the shores of Tammerkoski rapids between Lake Pyhäjärvi and Lake Näsijärvi, the modest village has developed into a vibrant and growing city of almost 250,000 residents in a little over two centuries. Tampere is Finland's third largest city after Helsinki and Espoo, and the Tampere Central Region is the one of the fastest developing urban areas in the country. Tampere is the largest inland city and the sixth largest urban area in the Nordic countries. Tampere has excellent transport connections both nationally and internationally. In Finland, up to three-quarters of the population lives only 2 hours from Tampere.

As a hub of local character, culture and experiences, Tampere has been chosen as the most attractive city in Finland for several years. The city has also built a reputation for itself as, among other things, Finland's most appreciated tourist destination, the most desirable place to live and the most recommended student city in Finland. In addition, Tampere is known as a vibrant city of higher education and culture and the world's sauna capital. The city hosts hundreds of events each year, which attract more than 400,000 visitors per year at best.

## TAMPERE IN FIGURES

- **244,000 residents**
- **More than 3,000 new residents each year**
- **Largest age group 24-year-olds**
- **30,000 students**
- **84 nationalities**
- **More than 22,000 active companies**



### Nature and environment

Tampere covers an area of 689.6 km<sup>2</sup>, 24% of which is water. In addition to the built environment, the landscape of the inner city is dominated by two large lakes, Näsijärvi and Pyhäjärvi, the esker line between them, Tammerkoski rapids connecting the lakes and various small waterways. The area is also rich in forests. The vast northern part of Tampere, Aitolahti-Teisko, has a rural feel compared to the city centre and a varied scenery of forests, fields and waterways. The Tampere region has a total of about 160 lakes, and their ecological state is mostly good or excellent. The city owns about a quarter of the land area in its region, most of which is located in the inner city area.

### Tampere residents

There are about 244,000 residents in Tampere (2021) and 500,000 in the Tampere Central Region. Tampere is growing at an annual rate of 1.4%, which corresponds to about 3,000–4,000 new residents per year. Compared to the age distribution of the whole population of Finland, the group of 20–30-year-olds is particularly emphasised in the age distribution in Tampere. Correspondingly, the shares of school-age children and 50–70-year-olds are smaller compared to the age distribution of the whole population. 100 different languages are spoken in the internationally networked city, which is also home to 84 different nationalities and more than 20,000 residents who speak a language other than Finnish as their native language.

### Education and competence

Tampere invests in education and lifelong learning. Tampere residents are more educated than the national average, and the level of education has risen over the decades. The educational institutions in Tampere include eleven upper secondary schools and one upper secondary school for adults, Tampere Vocational College Tredu and the Tampere Universities Community comprising the Tampere University (TUNI) and Tampere University of Applied Sciences (TAMK), which merged at the beginning of 2020. The higher education institution community comprises a total of 30,000 students, and 5,000 new students begin their studies in the community every year.





## Work and entrepreneurship

Tampere is a nationally significant economic area and concentration of jobs and businesses. The region's leading industries are smart machines, automation, AI and analytics, imaging, the circular economy and cleantech. The manufacturing industry in the Tampere region is one of the key drivers of Finland's exports. The majority of jobs in Tampere are in the fields of social and health services (17.4%), industry (12.4%) and trade (10.3%). Emerging industries include the creative industries, the gaming industry, the automotive industry and nanotechnology. Tampere is also one of the most active start-up cities in Finland. There are more than 22,000 active companies in Tampere.

## Decision-making and strategic management

In 2007, Tampere became the first city in Finland to adopt the mayoral model where the city is run by a full-time elected official, the Mayor. The supreme decision-making body in Tampere is the City Council with 67 councillors. Councillors and their deputies are elected in a municipal election held every four years. The City Council is responsible for the city's operations and finances, exercises the city's decision-making powers and delegates its authority by the provisions of the administrative regulation. The City Board is responsible for the city's administration and financial management and implements the decisions of the City Council.

The Tampere City Strategy is being implemented through a strategic management system. The city strategy is the primary document guiding the city's operations and it creates the foundation for the city's strategic management and development. The contents of the strategy are specified in the service plans prepared for the activities of the committees and the City Board. Development programmes implemented under the City Board are also important tools for achieving significant strategic changes. Particularly significant in the implementation of the strategy is broad cooperation with stakeholders and local residents and, within the City of Tampere Group, setting objectives, assigning responsibility for them and following up on their achievement. Tampere's management model emphasises the profitability and influence of operations.

# 1 NO POVERTY



## NO POVERTY

### Globally

The aim of the goal is to end extreme poverty everywhere and in all its forms. The goal includes securing equal rights and basic services for all citizens, building the resilience of the poor and the disadvantaged, and reducing susceptibility to climate-related extreme events.

### In Finland

Income and wealth inequalities in Finland are low by international standards, and comprehensive social security ensures that no one in Finland is living in extreme poverty. However, there are still people living in relative poverty in Finland. In order to prevent poverty, special attention must be paid to single-parent families and immigrant groups, and active combating of child poverty is also essential.

### In Tampere

The share of households at risk of poverty in Tampere is higher than the national average. Being at risk of poverty is most common among the unemployed, students and those living alone. In Tampere, the promotion of this goal focuses on preventing and reducing relative poverty and disadvantage. Equal opportunities will be increased by providing accessible and low-threshold services. The city is committed to pursuing a just transition where no one is left behind in development.



# 1 NO POVERTY



## Support for low-income families with children

Many families with children are affected by poverty in Tampere. Single-parent families, in particular, suffer from poverty, but in recent years, poverty has increased the most among two-parent families with infants. The COVID-19 period has increased the economic inequality of families with children.

The aim of the ongoing Tampere Junior development programme is to narrow differences in well-being among children, young people and families with children in the various residential areas of Tampere. The well-being and functional capacity of vulnerable families with children are being strengthened by data-based examination and by taking into account the diversity of families with children in Tampere. In addition, the realisation of the rights of children, particularly the most vulnerable, is being promoted in accordance with the UNICEF Child Friendly Municipality model. The model is used to identify which areas of the rights of the child need to be developed and what the city should do to support the realisation of the rights.

## Equal cultural well-being

The basic needs of those at risk of poverty are most often met, but their financial situation places significant restrictions on their participation in the economic, social and cultural activities of society. As part of post-pandemic aftercare, Tampere is promoting opportunities for all Tampere residents to engage in recreational and cultural activities and physical exercise. Admission fees are kept reasonable, services are provided near people and support is provided for their use. Opportunities for children and young people to engage in hobbies and sports as part of their early childhood education or school day will be increased by establishing the Licence to Move and Engage in Hobbies model in Tampere. The Art Arc cultural education programme will be expanded from basic education to early childhood education and preschool education and made an established element of them. The financially vulnerable and those suffering from loneliness are provided free access to sports and cultural experiences through, for example, active passes, Kai-kukortti cards and volunteer companion activities.

In recent years, the offering of digital culture and sports services in Tampere has increased significantly, enhancing the availability and accessibility of services to different population groups. However, in the transition towards a more digital city, those who are unable or unwilling to use digital services must also be taken into account.

# 1 NO POVERTY



## Attention to the fight against mobility and energy poverty

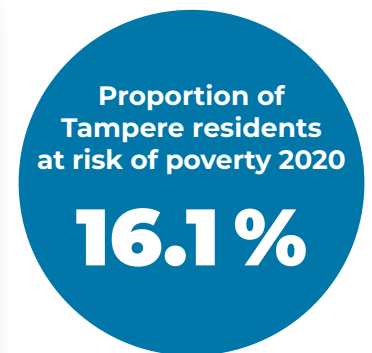
In Tampere, attention must also be paid to poverty related to mobility and energy. Mobility poverty means that factors related to the cost of mobility, transport connections or the safety of the traffic environment hamper a person's mobility and access to services. Difficulties in everyday mobility affect well-being and opportunities to participate in society and to go to work or study. Getting around should be possible with reasonable effort, in reasonable time and at a reasonable cost. Mobility costs have recently been affected by the sharp rise in fuel prices, among other factors.

Mobility poverty has been identified as a development area in the sustainable urban mobility plan and the well-being plan of Tampere, and the issue will also be considered as part of the city's poverty programme measures. Due to changing weather and climatic conditions and higher energy and fuel prices, issues related to energy and fuel poverty may affect more and more Tampere residents in the future.

## Indicators

### Indicators suitable for the monitoring and evaluation of goal 1 in Tampere

Indicator	Source of information	Monitoring method
General at risk of poverty rate in the municipality	Statistics Finland	Strategy
Lasten pienituloisuusaste	Statistics Finland	Strategy
Proportion of Tampere residents who feel their financial situation is good	Well-being survey of Tampere residents (City of Tampere)	Well-being survey of Tampere residents





## Inequality can be influenced

Tampere wants to be the best city to grow up in for all. This goal is being promoted at the city level through the Tampere Junior development programme. The aim of the programme is to narrow differences in well-being among children, young people and families with children in the various residential areas of Tampere, and to ensure that everyone has equal opportunities to be, live, engage in hobbies and participate.

The activities aim to strengthen child-friendliness and children's rights in Tampere. As part of the work on the development programme, Tampere is seeking to obtain the Child-Friendly Municipality recognition granted by the UN. The programme aims to better identify the diversity of families with children and the needs of vulnerable children and young people. In addition, efforts are being made to strengthen the services for children and young people. Knowledge management and the use of advanced, analysed data on families with children contribute to this.

Tampere Junior brings together the city's services, companies, associations and various research communities in the higher education institutions. Scattered information must be combined in order to understand phenomena affecting the lives of children, young people and families with children, as well as related needs for change.

The development programme promotes, in particular, the 2030 Agenda goals related to the prevention of poverty, equal distribution of well-being and health, resident participation, and cooperation and partnerships.

### Case

Tampere Junior development programme

### Objective

To reduce differences in the well-being of children, young people and families with children in different residential areas and services of Tampere.

### Particular contribution to SDGs

1, 3, 10, 17



*The development programmes are strategic development entities of the City, which are implemented under the guidance of the City Board*

**2** ZERO  
HUNGER



# ZERO HUNGER

## **Globally**

The aim of the goal is to end hunger, improve nutrition and achieve food security everywhere. The goal also encompasses the promotion of sustainable agriculture and food production.

## **In Finland**

Finland has succeeded in improving food security and nutrition and in eliminating hunger. The challenges are the increasing number of overweight people among the population and the quality of nutrition. Attention must be paid to the development of sustainable food production systems in order to strengthen the capacity to adapt to the consequences of climate change.

## **In Tampere**

In Tampere, the aim is to promote the well-being and health of local residents through nutrition and to reduce malnutrition and obesity. In addition, the city's role in the development of a sustainable food system from an environmental and economic point of view has emerged as a new perspective. Significant local measures in pursuing this goal are the city's meal services, with high-quality and free school meals as their flagship, nutritional advice and guidance, and public food and service procurement. Tampere monitors developments in the well-being and health of local residents from a nutritional perspective annually by using a nutritional well-being matrix.

## 2 ZERO HUNGER



### **The city as a promoter of a sustainable food system**

Pirkanmaan Voimia, the City of Tampere's regional meal and cleaning service company, prepares and serves 12 million meals in the Tampere region every year, for example in day care centres, schools, hospitals and senior citizens' housing services. In this way, the city has a significant influence on how and what kind of food Tampere residents eat.

The demand for food is growing globally, and the pressure for change on agriculture, food production and supply chains also has an impact on the local level, where most of the food produced is consumed. In addition to meal services and related public procurement, the city influences food systems through, for example, land use solutions, the promotion of the circular economy and education. Tampere is involved in the joint European Fusilli project, which develops urban areas towards healthy, sustainable and safe food systems and supports urban policies that promote them.

### **Better ability to function for senior citizens through nutrition**

In recent years, malnutrition among senior citizens has been on the increase in Tampere, which partly reflects the national development. Malnutrition does not necessarily mean that the person suffers from hunger, but that their diet does not provide the necessary nutrients to the body. Malnutrition is particularly prevalent in elderly Tampere residents in home care, intensified service housing and homes for the elderly. The city has identified the risks associated with malnutrition. The nutritional status of senior citizens is regularly monitored and the risk of malnutrition is actively addressed. In home care, for example, a network of nutrition liaisons has been set up and various options for meal services are offered. Customers of regular home care are also given a service centre card, which allows them to eat at a reduced price and, at the same time, brings variation and social encounters to their everyday lives.

## 2 ZERO HUNGER



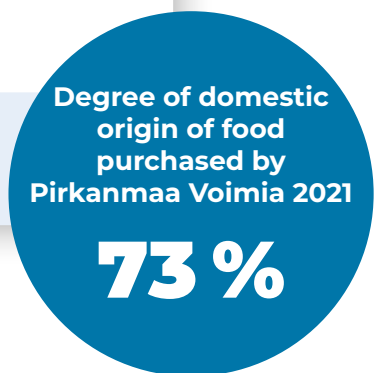
### The increasing obesity among children and young people as a concern

While malnutrition among senior citizens has increased, it has become more common for children and young people to be overweight or obese. The proportion of overweight persons in vocational training, in particular, is significantly higher compared to other school levels. It is more common for boys to be overweight than girls in all age groups. The increasing prevalence of obesity among children and young people is a health challenge that has been actively addressed in Tampere. A Well-Being Body working group has begun operations in the city, seeking solutions to nutritional challenges. In addition, close cooperation and inclusive food education is being carried out in Tampere in order to increase the popularity of school and student meals. The food education method Sapere is used in early childhood education to help children get to know foods diversely through their senses.

### Indicators

#### Indicators suitable for the monitoring and evaluation of goal 2 in Tampere

Indicator	Source of information	Monitoring method
Degree of domestic origin of food purchased by Pirkanmaa Voimia	Pirkanmaan Voimia	Pirkanmaan Voimia
Malnutrition among the elderly	City of Tampere	Well-being report and nutritional well-being matrix
Prevalence of obesity among children and young people	FinChildren register monitoring (THL)	Well-being report
Proportion of adults consuming vegetables and fruit according to nutritional recommendations	FinSote survey (THL)	Well-being report





## 3 GOOD HEALTH AND WELL-BEING



# GOOD HEALTH AND WELL-BEING

### Globally

The aim of the goal is to ensure a healthy life and well-being for all ages by improving health care, preventing pollution, illnesses and accidents and supporting mental well-being.

### In Finland

Finland provides high-quality public health care for the entire population. Finland has successfully raised awareness of mental health issues, and the number of suicides is also declining. However, the prevention and treatment of substance abuse must be further improved in Finland. Differences in health and well-being are considerable at the population and regional levels. The accessibility of regionally equal health and well-being services, as well as affordable and necessary medicines and vaccinations, must be ensured more effectively for everyone. Necessary measures to promote mental health must also be increased.

### In Tampere

Tampere aims to promote the perceived well-being of its residents and to reduce inequalities between its different areas. The availability of equal, high-quality, accessible and timely health and well-being services is essential. Tampere residents feel their quality of life and state of health are mostly good, but mental health issues, perceived loneliness and substance use, in particular, cause concern. With regard to the availability of services, social services and, due to COVID-19, student care services, in particular, have been facing challenges.

## 3 GOOD HEALTH AND WELL-BEING



### **Shifting the focus of the service structure to prevention**

Tampere has long been reforming the service structure of its well-being services to be more customer-oriented and cost-effective. The focus has been shifted from specialised medical care to strengthening basic services and, for example, from institutional care to services supporting living at home. In addition to health services, social services have been consistently strengthened. Efforts have been made to identify and prevent problems earlier. For example lifestyle counselling, preventive substance abuse and mental health work and support for parenting, have been strengthened in preventive and early support services. Attention is paid to proactive services and to enabling the independent and self-initiated promotion of the well-being of local residents, for example through digital services.

At the beginning of 2023, the organisation of social and health services will be restructured following the national reform, as the responsibility for organising social and health services will shift from municipalities to wellbeing services counties. In the future, the city's tasks will focus on the promotion of general well-being and health, as well as seamless cooperation with the Pirkanmaa health and social services county.

### **Mental well-being as a common goal**

Mental health problems affect more and more people in Tampere. Stress among the adult population, in particular, is more common in Tampere compared to the entire country's population. Mental health problems have also become more common among young people, and the incidence of social anxiety and low self-esteem, for example, has increased. There are significant differences in mental health between girls and boys at every school level – in Tampere, girls experience more anxiety in all grades than on average in Finland. The COVID-19 pandemic has increased psychological stress and loneliness.

Tampere aims to promote mental well-being in all its activities and to intensify cooperation with the future Pirkanmaa health and social services county in order to address the challenges. The city pays special attention to mental health work supporting children and young people. The city will start implementing Tampere's model of the therapy guarantee and will adopt the Hyvän mielen kunta checklist, which supports municipalities' efforts to promote mental health. A new mental health and substance abuse council has also begun operations to support the coordination and development of mental health and substance abuse work in the public and third sectors, as well as the implementation of possible joint projects. The development of mental health and substance abuse services is also supported by, for example, the substance abuse ombudsman, the customer advisory board and several experts by experience.

### 3 GOOD HEALTH AND WELL-BEING



Proportion of Tampere residents assessing their state of health good 2021

**62.2%**

### Increased need for child welfare

In services for children, young people and families with children, preventive work is a priority. The aim is to provide services mainly in children's own growth and development environments, such as at child health clinics and in early childhood education. Early-stage services for families with children are developed according to the low-threshold family centre model. In addition to low-threshold services organised in accordance with the Social Welfare Act, the child welfare service system also includes open care, substitute and aftercare services.

The need for services under the Social Welfare Act and child welfare services in Tampere has been growing, the number of customers has increased, and the customers' situations have become more complicated. The need for child welfare services is presumed to be driven by a number of factors, such as increased loneliness, psychological and social problems, excessive use of the internet, learning difficulties, substance abuse, violent behaviour, inadequate parenting and the financial problems of families. The turnover and availability of personnel are also challenges in child welfare services. Multidisciplinary cooperation is a key prerequisite for tackling complex challenges. In Tampere, support for child welfare, early childhood education, and preschool and basic education, as well as the organisation of student and study welfare, will be guided by the well-being plan for children and young people, which will be updated in spring 2022.

### Indicators

#### Indicators suitable for the monitoring and evaluation of goal 3 in Tampere

Indicator	Source of information	Monitoring method
Proportion of residents assessing their state of health good	Well-being survey of Tampere residents (City of Tampere)	Well-being survey of Tampere residents
Proportion of children and young people who feel their state of health is very or fairly good	School Health Promotion study (THL)	Strategy
Proportion of young people who have experienced moderate or severe anxiety	School Health Promotion study (THL)	Well-being report
Proportion of residents who consume excessive amounts of alcohol	FinSote survey (THL)	Well-being report
Number of customers of child welfare services	City of Tampere	Strategy



# Planning for safe, healthy and equal urban mobility in Tampere

Tampere's sustainable urban mobility plan (SUMP) is a strategic plan that reviews people's mobility needs from the perspective of better quality of life. Tampere's first SUMP was approved in 2021. The key goal of the plan is to incorporate the principles of sustainable urban mobility more firmly into decision-making related to mobility.

The plan unifies, complements and concretises the goals set for mobility in the city's carbon-neutrality roadmap and other development programmes. Above all, the programme is linked to Tampere's strategic goal of promoting sustainable urban mobility. The plan includes about forty different measures to create an effective, equal, safe, active and environmentally responsible Tampere for everyone.

In spring 2022, the City of Tampere was awarded first prize in the SUMP Award for European cities. The award was granted by the European Commission. Tampere's SUMP plan received special praise for equality goals in mobility and for connecting well-being and safety goals with mobility planning.

The plan makes a particular contribution to the 2030 Agenda goals related to the promotion of sustainable mobility, well-being and health, and climate change mitigation, while promoting equal mobility opportunities for residents, regardless of income level and background.

## Case

Sustainable urban mobility plan  
SUMP

## Objective

To influence choices of transport modes and the sense of safety, equality and sustainability of mobility in Tampere.

## Particular contribution to SDGs

1, 3, 11, 13, 17



## 4 QUALITY EDUCATION



# QUALITY EDUCATION

### Globally

The aim of the goal is to ensure open, equitable and quality education for all. The aim is to provide universal access to education that supports the development of one's own competence. The goal also encompasses the integration of the knowledge and skills needed to promote sustainable development into education.

### In Finland

Quality education is one of Finland's strengths, and the objectives related to the completion of basic education and upper secondary education have been achieved at the national level. According to comparisons, the literacy rate in Finland is also among the highest in the world. At the same time, literacy and mathematical competence have weakened. Gender differences in learning have also been observed, and there is an increasingly strong link between socio-economic background and learning.

### In Tampere

In Tampere, efforts are being made to ensure that every school is a good school and that everyone has the right and peace to learn. The perceived well-being of pupils goes hand in hand with the best learning outcomes. Tampere wants to offer the highest-quality and most flexible opportunities for education leading to lifelong learning and employment. Tampere's attractiveness as a national and international student city will be strengthened in cooperation with the higher education institution community and upper secondary schools. The availability of skilled personnel is a key challenge, particularly in early childhood education and special needs education.

## 4 QUALITY EDUCATION



### **Tampere – the best place to grow up and learn**

The high-quality education and training provided in Tampere create a breeding ground for future experts. Day care centres and schools are settings for finding motivation to learn through the use of different learning methods. Flexible forms of learning-related cooperation between various educational institutions and levels of education are being strengthened in a goal-oriented manner. The aim is to educate every child and young person in a high-quality and unhurried manner and by treating them as individuals. Regardless of their background and place of residence, everyone in Tampere has equal opportunities to pursue self-realisation in the diverse education organised in the city. There are many different language- and theme-oriented programmes available at different school levels, such as Finland's first skateboarding programme in an upper secondary school and nature school days supporting nature and environmental education for Tampere residents of different ages.

The extension of compulsory education to 18 years of age, which entered into force in 2021, aims to increase the level of education of young people and to strengthen the skills required in working life and further education in Tampere, as well. At the same time, the importance of Finnish cities as providers of equal learning opportunities is emphasised, and high-quality education and learning is made possible, regardless of the socio-economic situation or the place of residence of young people.

### **Schools play an important role in the participation of children and young people**

Most young people in Tampere feel they are needed by others and able to influence their own living environment and the course of their lives. However, young people's experiences of participation have begun to decline, and there are perceived to be fewer opportunities to exercise influence in schools. Boys' experiences of their opportunities to exercise influence are significantly better than those of girls at all school levels.

Tampere aims to ensure that every child and young person has the opportunity to influence matters concerning themselves. At present, children and young people in Tampere can influence the common affairs of schools and residents through representatives in, for example, student bodies, the Children's Parliament and the Youth Council. In addition to ways of exercising influence through representation, the city provides direct influencing opportunities. Together with youth services, the city organises an advocacy event for fourth- and ninth-graders every year, during which children and young people have the opportunity to influence matters related to their own living environment through functional and game-based activities. The newest form of exercising influence in Tampere is participatory budgeting, where everyone over the age of 12 can participate in the generation of ideas and planning.

## 4 QUALITY EDUCATION



Proportion of Tampere residents aged 17 to 24 not in education or training 2020

**5.7%**

### Focus on social safety and the prevention of bullying

In Tampere, bullying has decreased at all school levels, particularly in vocational education, but still remains more common than on average in Finland. Bullying is most common among school-age children, decreasing with age. Bullying is often discriminatory and gender-based: girls are subject to discriminatory bullying far more often than boys, but boys are bullied more and boys are also more involved in bullying than girls. Boys are more likely to encounter physical threats in schools than girls, while girls experience more sexual harassment.

Schools in Tampere have prepared operating models to address bullying. The schools focus on creating a community-oriented culture that strengthens the participation of the personnel and students, prevents bullying and improves safety. Friendships of children and young people and the sense of belonging to a group are actively supported by strengthening emotional and interpersonal skills. Safe environments enable interaction and participation in the group. The sense of community is strengthened in basic education with the help of school coaches, among other means, and a city-level model to prevent bullying will be introduced in the school year 2022–2023.

### Indicators

#### Indicators suitable for the monitoring and evaluation of goal 4 in Tampere

Indicator	Source of information	Monitoring method
Proportion of persons aged 17 to 24 not in education or training in the population of the same age	Statistics Finland	Well-being report
Proportion of comprehensive school pupils and students who experience bullying at least once a week	School Health Promotion study (THL)	Strategy
Experience of children and young people in influencing in schools	School Health Promotion study (THL)	Strategy
Proportion of children aged 3–5 attending early childhood education	City of Tampere	Well-being report
Tampere's ranking in the survey examining the willingness to recommend cities to study in	Taloustutkimus	Strategy



## Cultural joys and successes for children and young people, equally

The Art Arc cultural education programme, implemented by the City of Tampere, has been operating in Tampere for more than 15 years and is the largest cultural education programme in Finland. In the Art Arc, children and young people are given the opportunity to explore different art forms and cultural phenomena during the school day. The Art Arc activities are free of charge, and all schools and age groups in Tampere, from early childhood education to ninth-grade pupils, are involved in the programme.

In the Art Arc, pupils get to visit an art and culture institution and afterwards create their own art in the Art Arc's workshop. The Art Arc introduces pupils to a wide range of art forms – circus, theatre, musical and literary art, as well as various museum complexes – through activities, stories and interaction. It is a great learning experience in itself when a child visits an art or culture institution and sees what there is and how one acts there. If the spark is ignited, the child might inspire their whole family to come along.

The Art Arc requires plenty of close cooperation between schools, art and culture institutions and independent artists. The programme employs 35–50 freelancers each year and involves a dozen art and culture institutions. Through the Art Arc, culture is brought into the everyday life of every resident.

The programme promotes, in particular, the 2030 Agenda goal of preventing poverty and the related goals of equal rights of children and young people, quality education, and reducing inequalities from the perspective of cultural well-being.

### Case

Art Arc cultural education programme

### Objective

To incorporate culture and art into the lives of all children and young people in Tampere.

### Particular contribution to SDGs

1, 4, 10, 11, 17







# GENDER EQUALITY

## Globally

The goal aims to strengthen gender equality, improve women's and girls' rights and opportunities, and end discrimination, violence and exploitation against women and girls.

## In Finland

Gender equality is realised well in Finland, and Finland is committed to promoting gender equality through multiple measures. The challenges associated with the achievement of this goal are violence against women, domestic violence and the gender pay gap. Finland must therefore develop practices and legislation that promote equality at all levels.

## In Tampere

The International Gender Equality Prize (IGEP) gala has been organised in Tampere since 2018. The objective of the prize is to promote equality all over the world. Equality plays a key role in the city's strategy. Tampere works for equality and non-discrimination, promotes gender equality in participation and various services, and focuses on preventing sexual harassment and domestic violence. In 2020, the theme year of equality in Tampere, an investigation of the knowledge base for equality and non-discrimination was launched. Based on this, equality monitoring and reporting practices will be created, which will also be utilised in the process of updating the city's equality plan in 2022.



## 5 GENDER EQUALITY



### **Sexual harassment experienced by girls increased**

The COVID-19 pandemic has increased experiences of harassment and domestic violence among children and young people in Finland. Girls' experiences of sexual harassment are also remarkably common in Tampere. More than half of girls have experienced sexual harassment or suggestion. More than 10% of boys report having similar experiences. It is noteworthy that almost every tenth girl in primary school has experienced some form of sexual harassment. Sexual harassment and violence undermine a young person's well-being in many ways, and the effects can be far-reaching. Sexual harassment and abuse have also increased through new channels, particularly on social media. Most of those who have experienced sexual harassment or violence do not share their experiences with adults. Tampere has an online service for secondary school pupils where they can anonymously report online sexual harassment, for example.

### **Together against domestic violence**

Compared to the rest of the country, women in Tampere experience more domestic violence or threats. Domestic violence refers to violence where the perpetrator may be the victim's partner, family member or another person close to them. The setting is often the victim's own home. The threshold for seeking help is high, which is why not all cases are brought to the attention of the police or other authorities. Both men and women experience domestic violence, but the share of men among victims of domestic violence or threats is around half of that of women.

In Tampere, multidisciplinary preventive work is being carried out to prevent domestic violence. The city has a network that assists with issues related to family and domestic violence and provides help and support. The network consists of more than ten operators from public administration and the third sector. There are also two shelters in Tampere, which provide around-the-clock crisis support, counselling and assistance. The third mother and child home and shelter in Tampere will be opened in 2022.

# 5 GENDER EQUALITY



## Not a single mould – Tampere of diverse genders

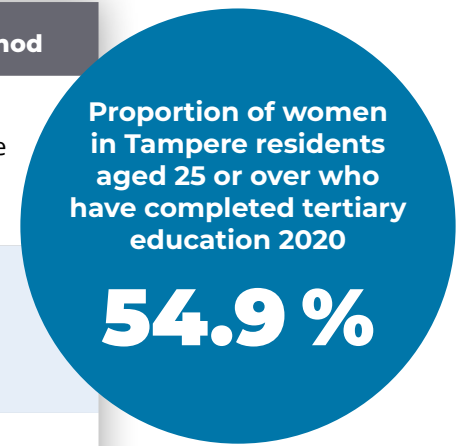
Gender equality means equal rights and opportunities for men and women, as well as equal distribution of power and resources. Gender is a diverse issue, and each person’s experience of gender is unique. Gender diversity is now being better recognised in Tampere than before, and it is an integral part of gender equality work. Everyone has the right to define themselves as they wish.

Persons belonging to gender minorities may suffer from assumptions, for example in various service situations. In addition, persons belonging to sexual and gender minorities are increasingly frequently subjected to hate crimes, and many are afraid of being bullied. The City of Tampere has entered into a partnership agreement with Sinuiksi ry and provides the association with a partnership grant to support persons belonging to sexual and gender minorities and to promote the realisation of equality.

## Indicators

### Indicators suitable for the monitoring and evaluation of goal 5 in Tampere

Indicator	Source of information	Monitoring method
Proportion of women in Tampere residents aged 25 or over who have completed tertiary education	Statistics Finland	Monitoring by the City of Tampere
Proportion of children and young people who have experienced sexual suggestion or harassment during the year	School Health Promotion study (THL)	Well-being report
Proportion of residents subjected to domestic violence or threats	FinSote survey (THL)	Well-being report



## 6 CLEAN WATER AND SANITATION



# CLEAN WATER AND SANITATION



### Globally

The goal is to secure adequate and sustainable access to clean water and sanitation for everyone. This includes increasing water-use efficiency, ensuring fair use of water resources and securing the well-being of water-related ecosystems.

### In Finland

In Finland, this goal is realised well, and everyone has equal access to hygiene and sanitation. In Finland, water supply and the quality of tap water are globally at a high level. Finland must pay special attention to the protection of water-related ecosystems and increase the efficiency and sustainability of water use.

### In Tampere

Tampere, like the rest of Finland, has exceptionally good water resources by international standards. In Tampere, the focus of the goal is on ensuring a functioning and efficient water supply infrastructure throughout the city while preparing for and adapting to the city's growth and the impact of the advancing climate change. Preparations for increasing flood risks and storm water management are supported by the work carried out in Tampere in promoting nature-based solutions.

## 6 CLEAN WATER AND SANITATION



### **High-quality drinking water from local sources**

Tampere Water, a city-owned municipal corporation, is responsible for the production of clean water and wastewater treatment. The majority of drinking water is produced from high-quality surface water, the most significant of which is Lake Näsijärvi, and about a third of the water pumped into the water supply network is groundwater. The water quality is monitored, and the entire water supply system is maintained on a systematic basis. The renovation of surface water utilities will ensure the future water supply to the Tampere Central Region.

The operations of waste water treatment plants are governed by environmental permits issued by environmental authorities. Sulkavuori's new central waste water treatment plant, which is currently under construction, will start operation in 2025. The new treatment plant will help reduce the load on Tampere's Lake Pyhäjärvi and its downstream waters and increase their recreational use value, while the population and volume of waste water in the Tampere region will increase in the future.

### **Adaptive water management and clean waterways**

The development of local water supply is guided by the City of Tampere's water supply development plan. Existing water and sewer networks require continuous maintenance to ensure operational reliability. At the same time, a new network is being built to ensure adequate water supply for the residents and companies of the growing city. The total length of the water and sewer network in the Tampere region is approximately 1,500 kilometres, several kilometres of which are renewed each year.

The annual rainfall in the Tampere region is expected to increase in the future due to climate change. As a combined effect of the increases in heavy rainfall and the density of the urban structure, the risk of storm water flooding in Tampere will increase. Storm water carries pollutants, nutrients and even debris into waterways, affecting the ecological state of the waterways and the opportunities for their recreational use. In order to ensure the purification of waste water, Tampere has been separating waste water and storm water sewerage. Tampere is a forerunner in the nature-based management of storm water and has developed systems for retaining and purifying storm water in wetlands and storm water basins in green areas. The city's urban runoff programme will be updated during the City Council's term of office of 2021–2025.

## 6 CLEAN WATER AND SANITATION



Municipal  
water consumption  
in Tampere 2020

**130**

litres/resident/day

### Indicators

Indicators suitable for the monitoring and evaluation of goal 5 in Tampere

Indicator	Source of information	Monitoring method
Municipal water consumption	Tampere Water	Monitoring by the City of Tampere
Water consumption per resident	Tampere Water	Monitoring by the City of Tampere
Number of faults in the water supply network/ length of the network	Tampere Water	Financial statements
Volume of infiltration and inflow in the sewer network	Tampere Water	Monitoring by the City of Tampere



## A historical factory site becomes a sustainable urban area in Hiedanranta

The Hiedanranta residential area in Tampere will become the future centre of western Tampere. The former factory area on the shore of Lake Näsijärvi will be built into a district of 25,000 residents. Hiedanranta is a smart, distinctive and sustainably growing district of the future, which provides a platform for new innovations and business opportunities.

A diverse range of digital solutions is being utilised in the development of Hiedanranta, and the goal is to create a carbon-negative residential area that produces more than it consumes. In the area, special focus is being placed on, for example, sustainable mobility and logistics, a smart energy system, the circular economy and blue-green infrastructure.

What makes Hiedanranta special is that there is already self-initiated activity and culture in the area, as well as a lot to see, do and experience, even while the area is still unfinished. The City of Tampere and many other operators organise many kinds of events in the area's historic manor and factory milieu, which tens of thousands have visited every year.

The development programme promotes the 2030 Agenda goals related to sustainable urban development, particularly by developing new solutions for the energy sector and for consumption and production. New innovations are being developed and piloted within an extensive public, private and third sector cooperation.

### Case

Hiedanranta development programme

### Objective

To develop the new Hiedanranta district into a smart, sustainable and vibrant district centre while promoting urban development expertise, practices and innovations through broad cooperation.

### Particular contribution to SDGs

7, 9, 11, 12, 17



*The development programmes are strategic development entities of the City, which are implemented under the guidance of the City Board*



# AFFORDABLE AND CLEAN ENERGY

## Globally

The aim of the goal is to ensure affordable, reliable, modern and sustainably produced energy for all. Increasing both energy efficiency and the share of clean and renewable energy in the world is essential.

## In Finland

The goal is generally well realised throughout Finland, and several of its sub-targets have been achieved. Finland has increased the share of renewable energy in energy production and improved energy efficiency in society. Access to energy is affordable and comprehensive. With regard to climate change, however, Finland must further reduce its total energy consumption.

## In Tampere

The promotion of low-emission and affordable local energy production and the efficient use of energy in housing, services, construction and mobility are central to this goal and play an important role in achieving the climate targets set by Finnish cities. There is still a need to, among other measures, speed up the phase-out of oil heating, improve the energy efficiency of old buildings and switch to other types of motive power in transport and working machinery. Energy advice for residents and housing companies also plays an important role. Smart energy technologies can be used to optimise energy consumption, save energy and keep costs under control as energy and fuel prices rise.



## 7 AFFORDABLE AND CLEAN ENERGY



### **Energy-efficient everyday life**

Measures related to energy production and consumption that are relevant to the city's climate targets are being implemented systematically as part of the city's climate neutrality roadmap. In energy efficiency work, operators within the City of Tampere Group involved in housing, construction, infrastructure services and mobility play a central role. In cooperation with them, the efficiency of energy use in the Group has been improved for a long time within the framework of the energy efficiency agreement for municipalities. Energy solutions can also be influenced through procurement. In 2021, 30% of district heating and 100% of electricity used in the city's own service buildings was purchased as clean renewable energy. In addition to the city's own energy efficiency work, the city aims to promote energy-saving consumption habits among the residents and other operators in the region.

### **Local energy transition towards a cleaner future**

In Tampere, electricity and heating have been produced efficiently as co-production for a long time, and the heating produced has been distributed to users mainly through the district heating network. The main goal of the energy transition initiated in 2010 by the city-owned energy company Tampereen Sähkölaitos is to reduce the company's carbon dioxide emissions by 95% by 2030. Other aims are to increase the use of domestic renewable energy and the number of local jobs related to energy.

Renewable energy sources already account for almost half of the company's energy production, as the use of natural gas and energy peat has been replaced by biofuels, and the shares of wind and solar energy have increased. In 2021, two-thirds of the electricity sold was produced from renewable energy sources. In addition, the company works to promote decentralised energy production, non-combustion-based and carbon-negative district heating solutions, and carbon capture.

## 7 AFFORDABLE AND CLEAN ENERGY



### Collaborative development of smart energy technologies

In Tampere, innovative, digital and sustainable smart city solutions are created together with the City of Tampere Group, companies, research institutes, other municipalities and residents. Tampere has very strong expertise in the fields of construction, energy supply and information technology, which has been utilised particularly in the development of energy-efficient construction and smart energy technologies.

Concrete examples of this in Tampere have been the development of solutions for decentralised energy production in residential areas and the improvement of the energy efficiency of residential buildings by using smart technical building systems and by developing novel solutions and operating models to carry out energy-efficient renovations in the older building stock. In addition, the city has introduced a smart outdoor lighting control system, and a demand response service for district heating has been developed to reduce emissions from buildings' heating. Development activities are carried out in close cooperation with various operators and by actively utilising external sources of funding and international partnerships.

### Indicators

#### Indicators suitable for the monitoring and evaluation of goal 7 in Tampere

Indicator	Source of information	Monitoring method
Share of renewable energy in the energy production of Tampereen Sähkölaitos	Tampereen Sähkölaitos	Financial statements
Municipal energy consumption	CO2 report (Sitowise)	Monitoring by the City of Tampere
City's energy use in accordance with the energy efficiency agreement for municipalities	City of Tampere	Monitoring by the City of Tampere

Share of renewable energy in the energy production of Tampereen Sähkölaitos 2021

**46%**

## 8 DECENT WORK AND ECONOMIC GROWTH



# DECENT WORK AND ECONOMIC GROWTH

### Globally

The aim of the goal is to promote sustainable and adequate economic growth everywhere and to improve productivity and innovation. The goal also supports opportunities to find employment, work, and receive equal and reasonable pay for work.

### In Finland

Finland has succeeded in reducing the unemployment rate, and many Finnish companies rank at a high level in terms of corporate sustainability. Up to 2030, Finland must improve resource efficiency in consumption and production, and decouple economic growth from environmental degradation. In addition, Finland must improve employees' rights and ensure a safe working environment for all.

### In Tampere

The aim of Tampere is that work and workers, as well as competence and competence needs, match. This requires a wide range of measures to be taken to support Tampere residents in finding employment and to create new jobs. Industrial renewal, accelerated by the green transition, and the circular economy open up new opportunities. In addition to employment, the increasing labour shortage is also becoming a challenge in Tampere. In Tampere's view, when the competition for skilled labour tightens, the cities where the skilled workers and their families are happy will be the ones thriving. A comfortable and safe city that offers events, experiences and the conditions for a smooth everyday life is attractive and makes people want to stay.

## 8 DECENT WORK AND ECONOMIC GROWTH



### **The challenge of long-term unemployment**

The development of the unemployment rate in Tampere has been relatively favourable in the 2020s. The employment situation deteriorated during the COVID-19 pandemic, but during 2022, the unemployment rate has approached the average of the whole of Finland, which is approximately 10%. In addition, the relative position of Tampere in the comparison of the unemployment rate in the country's six largest cities has improved. On the positive side, unemployment has been decreasing among young people, those aged over 50 and jobseekers with a foreign background. However, long-term unemployment, which has continued to rise, presents a challenge. The Tampere Region-wide municipal employment experiment is a key reform in the prevention of long-term unemployment and the activation and training of the unemployed. The reform of employment and economic development services, which will enter into force in 2024, will provide new ways of supporting business services and addressing unemployment. In addition to extensive structural reforms, the city aims to promote employment in many other ways. Among other measures, Tampere uses an employment condition in public procurement, which promotes the employment of jobseekers who, for various reasons, have difficulties with finding their place in the open labour market.

### **Intensifying competition for talent**

The shortage of skilled labour in Tampere is already visible in the export industry, knowledge-intensive companies and the well-being sector. As a solution to the labour shortage, the city invests in attracting international talent and strives to ensure that the city can retain the talent and their families. Although there is a shortage of skilled workers in the region, the employment of people with a foreign background remains a key challenge for the city. Immigrants in Tampere often remain unemployed jobseekers or users of various support services for a long time. In addition, a significant proportion of foreign-language students at the university or university of applied sciences do not find employment in the Tampere Region after graduation, but move away. In order to provide international talent with support for settling in, working, studying and meeting employers, Tampere has, together with a multidisciplinary network, established International House Tampere, which brings together Tampere's international services related to education- and work-based immigration, multilingual guidance, competence development and recruitment.

## 8 DECENT WORK AND ECONOMIC GROWTH



### Attractiveness, retention and vitality through experiences

Comfortable cities that offer creative know-how and activities thrive in the global competition for talent and tourists. Tampere has long been developed as a centre of the experience economy, and the city has recently been strengthening its profile as a hub of film and TV productions. Tampere has identified significant growth opportunities in the experience economy and wants to create new, sustainable business and jobs in the industry, as well as strengthen the attractiveness of the city's offering of experiences, nature and events. The experience economy in Tampere is being boosted by a development programme, which aims to bring together different sectors, talents and companies in the industry, thus supporting its systematic development. The experience economy encompasses a wide range of sectors and companies, such as tourism and experience services, culture and the creative industries, sports and recreation services, the audiovisual sector and the gaming industry.

### Indicators

Indicators suitable for the monitoring and evaluation of goal 8 in Tampere

Indicator	Source of information	Monitoring method
Unemployment rate	Ministry of Employment and the Economy	Strategy
Number of the long-term unemployed and those with poor employment prospects	Monitoring carried out by the City of Tampere	Monitoring by the City of Tampere
Regional placement of degree students after graduation	Monitoring carried out by the City of Tampere	Strategy
Number of non-Finnish or non-Swedish speaking employed persons	Ministry of Employment and the Economy	Strategy
Experience economy turnover and personnel	Statistics Finland	Strategy
Event and cultural operators' assessment of the city as a city supporting and promoting events and culture	Event and culture barometer of the Tampere Region (City of Tampere)	Experience economy development programme

Unemployment rate in Tampere 2021

**11.4 %**



## Sustainable creativity, creative sustainability

Experiences create well-being for people and economic vitality for cities. Tampere has recognised the growth potential of the experience economy, and it is investing in the experience economy through a development programme that lasts for the City Council's term of office. The development programme aims to bring together different sectors, companies and experts in the experience economy and to support the systematic development of the industry. At the same time, a hometown offering experiences, activities and job opportunities will be created for Tampere residents.

The experience economy encompasses a diverse range of sectors, operators and companies that have in common the provision of experiences. The programme brings together all these different sectors and their experts, links previously disconnected development projects, and provides a platform for various companies and communities to engage in joint activities.

The vision of the development programme is to create a reputation for Tampere as an international hub for the creative industries and the experience economy. The aim of the development programme is to pursue a transition from competence development towards a cluster of competence, new business from an evolving operating environment, and a sustainable and responsible appeal for the city from events and experiences.

The development programme promotes, in particular, the 2030 Agenda goals related to sustainable employment and jobs, and sustainable cities and communities, and builds on strong cooperation and partnerships at different levels of action.

### Case

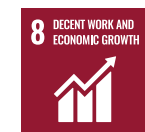
Experience economy development programme

### Objective

International reputation for Tampere as a hub for the creative industries and sustainable experience economy.

### Particular contribution to SDGs

8, 11, 17



*The development programmes are strategic development entities of the City, which are implemented under the guidance of the City Board*



# INDUSTRY, INNOVATION AND INFRASTRUCTURE

## Globally

The goal is to develop high-quality, reliable, sustainable and resilient infrastructure, innovation and industry. The aim is to modernise and improve the efficiency of the use of resources, increase the introduction of clean and environmentally friendly technologies and production processes, foster innovation and support scientific research.

## In Finland

The strengths associated with the goal in Finland include a strong start-up culture and public-private partnerships in the field of innovation. Finland must renew infrastructure in a sustainable way, increase clean and environmentally friendly technology and make more efficient use of resources.

## In Tampere

In Tampere, the focus of this goal is on growth ecosystems, innovation and platform development. The aim is to strengthen the city's position as a city of science and high competence and to create the best possible conditions for future solutions. The city has entered into a partnership agreement with the Tampere Universities Community, within the framework of which the development of research, development and innovation activities and the internationalisation of the region, among other things, will be strengthened. The key drivers of the city of the future are nationally and internationally strong vitality and competitiveness. Strengthening business ecosystems helps companies and talents meet and supports the retention and attractiveness of the region.

## 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



### **Innovations and growth through an ecosystem agreement**

As a pioneer of the future, Tampere invests in new and sustainable innovations. Tampere has signed an ecosystem agreement with the State for 2021–2027 to strengthen innovation activities. The agreement strengthens Tampere’s innovation growth, vitality, employment rate and internationalisation, and helps build a sustainable city. The ecosystem agreement is being implemented in cooperation with companies, research institutes, higher education institutions and financiers.

Tampere’s focus areas in implementing the ecosystem agreement are based on the city’s strong expertise in the field of business and innovation, as well as strategies to promote growth. The focus areas are sustainable industry solutions, resilient smart city solutions, and digital health and well-being solutions. The focus areas promote urban development projects, low-carbon objectives, and the utilisation of competence and technology.

### **The city as a platform for sustainable solutions for the future**

Tampere wants to be a facilitator of sustainable growth and development. The city brings up development needs and challenges for residents, companies and other operators to solve together and offers various test platforms for developing new smart city solutions.

Tampere’s key urban platforms include Hiedanranta, which is being developed into a sustainable, smart and circular economy-oriented district of the future, and Isokuusi in Vuores, where one of Finland’s largest residential areas representing modern timber construction is being built. Technology platforms include for example an open IoT platform, an event safety situational awareness platform and Ratikka living lab. Tampere TestBed Hervanta is a unique test area for autonomous mobility, located in the middle of a district of 30,000 residents. The technology-oriented campus of the Tampere University and a number of technology companies operate in the immediate vicinity of the test area. In the test area, smart transport and automated mobility experiments can be carried out in an authentic urban environment. At the same time, the residents will become familiar with the development of new modes of transport.



## 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



### A city of start-ups engaged in agile development

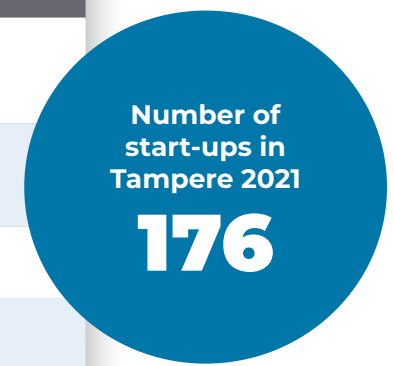
Tampere is constantly looking for new ideas and innovations to build a sustainable city. The city actively invests in young entrepreneurs and supports and promotes the development of the region's start-up ecosystem, which has enabled the formation of a strong local start-up culture. The role of the regional economic development company Business Tampere is to develop and secure the operating environment of start-ups and high-growth companies.

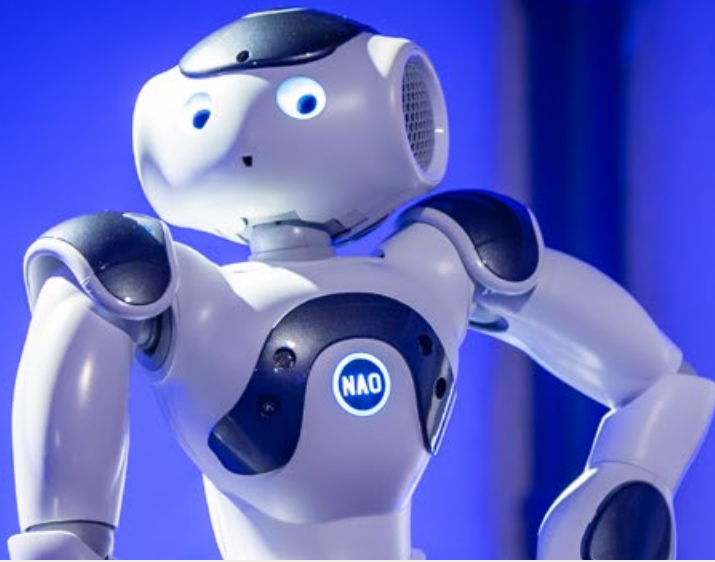
The start-up house Platform6, supported by the City of Tampere, is the home of start-ups aiming at growth and internationalisation. Platform6 offers start-ups the opportunity to quickly launch cooperation with large industrial companies, the higher education institution community and innovation platforms in the region. The house provides both existing and emerging start-ups with working spaces and access to a variety of business services, start-up investor networks and support communities. At the same time, entrepreneurs receive peer support and validation for their ideas from each other in a safe, agile environment.

### Indicators

Indicators suitable for the monitoring and evaluation of goal 9 in Tampere

Indicator	Source of information	Monitoring method
Number of start-ups in Tampere	City of Tampere and Business Tampere	Strategy
Number of businesses operating in growth ecosystems	Business Tampere	Strategy
RDI investments by companies	Statistics Finland	Strategy
Development of turnover in industries supporting the green transition	Statistics Finland	Strategy





## Human-centred and ethical use of data and artificial intelligence

The City of Tampere has been both nationally and internationally recognised as an active developer of a smart city. Developing competence, structures and practices within the city organisation is a prerequisite for making better, ethical and safe use of technologies. Tampere promotes this development through a development programme entitled Data-driven city for citizens.

The development programme focuses on making more effective use of data and artificial intelligence for the benefit of the city, residents and companies, by emphasising human-orientedness and strengthening proactivity and timeliness. By making proper use of technology, new tools can be introduced to support everyday life and work, more reliable and up-to-date information can be produced for decision-making, and the realisation of equality can be improved.

The concrete themes of the programme are the following: boosting local companies' prospects of success with the help of servitised data; ensuring successful and smooth migration to Tampere from all over the world; reducing school segregation throughout the entire school path from early childhood education to upper secondary school; creating an urban environment where pedestrians feel safe; and promoting ecologically sustainable solutions in the residential area.

The development programme promotes, in particular, the 2030 Agenda goals related to sustainable innovation, efficient and responsible institutions, and cooperation and partnerships.

### Case

Data-driven city for citizens development programme

### Objective

To develop Tampere into an international pioneer in smart urban development, which uses data and artificial intelligence to benefit people and companies.

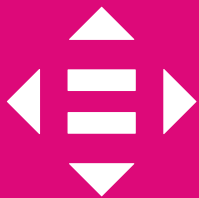
### Particular contribution to SDGs

9, 16, 17



*The development programmes are strategic development entities of the City, which are implemented under the guidance of the City Board*

## 10 REDUCED INEQUALITIES



# REDUCED INEQUALITIES

### **Globally**

The aim of the goal is to provide equal opportunities for a good life and equal treatment for all. The goal is also to secure income growth for the disadvantaged and to ensure that everyone has the opportunity to participate in social, economic and political activities.

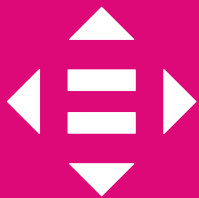
### **In Finland**

In Finland, people's political and social rights are well realised. However, social inequality is on the rise, and minority groups are at a higher risk of facing discrimination. Increased experiences of loneliness are also a challenge.

### **In Tampere**

Measures to increase equal treatment and interactions are central to this goal. In Tampere, everyone can be themselves and make their dreams come true. Tampere strives to increase communal activity and reduce loneliness. The city seeks to bring people together and provide community support at different stages of life, as Tampere residents' experiences of loneliness have increased significantly among adults, children and young people.

## 10 REDUCED INEQUALITIES



### **Loneliness and community support at different stages of life**

In Tampere, feelings of loneliness are most common among those living alone and those aged 18 to 29. The loneliness of senior citizens is also at a significant level. The COVID-19 pandemic has significantly increased the loneliness of secondary and upper secondary school students in Tampere, and about one in ten of them has no close friends. The experiences of loneliness differ between girls and boys: boys most often lack a close friend, while girls experience more loneliness than boys. The experiences of loneliness have also increased in families with babies, and many families with children in Tampere feel need for additional support with everyday issues related to coping, parenting and upbringing. Around one-third of families lack a support network to help them with their everyday lives.

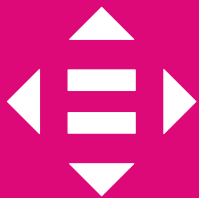
The city develops its local Lähitori centres, well-being centres and libraries as low-threshold meeting places for all residents. Tampere-based associations and organisations, as well as civic activities, play an important role in enabling the provision of community support in various situations and at different stages of life.

### **Integration belongs to everyone**

People move to Tampere from different countries and for various reasons, such as for family- or study-related reasons or to seek international protection. The most spoken foreign languages in Tampere are Russian, Arabic, Persian, English and Estonian.

Tampere promotes the integration of all immigrants and ensures sufficient and high-quality integration services. Integration services and measures to promote integration are included in the integration programme. Tampere has an Immigrant Council, which is responsible for developing services related to the integration and inclusion of immigrants, promoting diverse dialogue and preventing racism. Through effective integration measures, Tampere promotes equality and creates a safe city for all. At best, the city benefits from the linguistic, talent and cultural potential of the new residents.

# 10 REDUCED INEQUALITIES



Proportion of Tampere residents who feel lonely 2021

**17.2%**

## New influencing opportunities and support for self-initiated activities

Tampere wants to reinforce the inclusion of its residents and increase interaction between residents and different communities. Residents are offered a wide range of opportunities to participate in and influence the city's activities and services during the planning, preparation, decision-making and implementation phases. Direct opportunities for exercising influence include various surveys, feedback, public events, and discussion sessions, and various forms of co-creation. Influencing bodies, such as the Youth Council and the Council on Disability, represent specific target groups and highlight their perspectives, for example in the form of statements, initiatives and monitoring. The city supports the self-initiated activities of its residents and communities through various grants and partnerships, among other ways.

Tampere also experiments with and develops new forms of participation, examples of which are the digital citizen panel of the Tampere Central Region and participatory budgeting. In participatory budgeting, Tampere residents have the opportunity to influence the choice of plans to be realised within a set budget; in other words, the locals plan and decide what the money will be used for. The first theme of participatory budgeting was the well-being of children and young people, and the theme of the round that started in spring 2022 is safe everyday life.

## Indicators

### Indicators suitable for the monitoring and evaluation of goal 10 in Tampere

Indicator	Source of information	Monitoring method
Proportion of people who feel lonely	Well-being survey of Tampere residents (City of Tampere)	Strategy
Children's and young people's experience of belonging to a group or community that is important to them	School Health Promotion study (THL)	Strategy
Proportion of people who have experienced discrimination at school or in their leisure time	School Health Promotion study (THL)	Monitoring by the City of Tampere
Experience of discrimination (indicator under development)	Well-being survey of Tampere residents (City of Tampere)	Strategy



# Welcome to the tramway era!

Tampere's tramway project has been a key step forward in promoting a comfortable environment, convenient mobility and smooth everyday life in Tampere. Tram traffic on the first section of the Tampere tramway began in August 2021, and the route network will be further expanded in 2023 and 2024.

From the beginning, accessibility has been the starting point for the development of the tramway: the tram offers each passenger a convenient mode of transport in Tampere. The needs of passengers have been taken into account in the development of the tramway. There are seats for a maximum of 264 passengers and room for several prams, wheelchairs, bicycles and passengers with a guide dog. In addition to convenient mobility, the tramway has incorporated art into travel and the urban environment through a tramway art programme.

With the tramway, Tampere's streetscape is constantly evolving, as space can be freed for walking, cycling and recreation. Feeder lines will also improve the reliability of bus services, and the utilisation of electric buses on short routes will be improved. Lower-emission public transport improves air quality in high-traffic areas in Tampere. The tramway also brings significant indirect emission reductions, as the density of the urban structure can be increased and public transport services improved, serving an increasing number of people.

The development of the tramway contributes, in particular, to the 2030 Agenda 2030 goals related to sustainable infrastructure, transport system and urban environment, mitigates climate change, and develops the city in cooperation with various partners.

## Case

Tramway project as a facilitator of sustainable growth and development in Tampere

## Objective

To build a tramway network to make the everyday life of Tampere residents smoother and to support the city's sustainable growth, development and appeal.

## Particular contribution to SDGs

9, 11, 13, 17





# SUSTAINABLE CITIES AND COMMUNITIES

## Globally

The goal is to increase safety and sustainability in residential communities. The goal includes improving the quality of housing and transport systems. The goal is also to reduce the load on the environment and invest in green, sustainable and accessible solutions and public spaces, as well as to increase opportunities for inclusive, integrated and sustainable planning of residential communities.

## In Finland

In general, the goal is realised well in Finland. Finland has succeeded in strengthening comprehensive planning, in which energy efficiency and sustainability are taken into account through land use, housing and public transport. In addition, national and regional planning are well established. Finland must ensure an accessible and sustainable transport system for all and improve traffic safety, particularly with regard to the disadvantaged, women, children, people with disabilities and the elderly.

## In Tampere

In this goal, the emphasis is on the issues of sustainable urban growth, such as diverse housing and mobility opportunities in different parts of the city. These needs are being reconciled with the growing demands of a comfortable, safe and clean urban environment, attractive local nature and recreational opportunities. When it comes to solutions that promote sustainable growth, urban planning and land and housing policies, which fall firmly within the scope of the city's authority, play an important role. By reducing differences in well-being between areas and increasing the involvement of residents, communities and companies in the development of the city, well-being, creativity and innovation in the area will be promoted. A city that looks like its residents is also an interesting and attractive destination to visitors.

## 11 SUSTAINABLE CITIES AND COMMUNITIES



### **Reducing differences in well-being locally**

Differences between the different areas of Tampere have remained moderate, but the city has both more and less prosperous areas. In addition to guaranteeing social security and access to basic services, ensuring an adequate supply of affordable rental apartments and the diversity of housing types are also key factors in preventing inequality. Infill development, urban planning and the quality of housing are effective ways to prevent geographical segregation. Opportunities for self-realisation and learning, and diverse opportunities for engaging in hobbies and participating increase the quality of life and attachment to the local community. Co-creation of the areas with their residents is also important. Tampere has recently had positive experiences in the development of residential areas, examples of which are the suburban programmes of Tesoma and Peltolampi-Multisilta. Tampere has also worked on the prevention of geographical segregation by increasing data production on the characteristics and special features of the different areas of the city.

### **Healthy and comfortable urban environment**

Tampere has identified a healthy and safe living environment and diverse nature and recreational opportunities as important factors in creating retention and attractiveness. To further these goals, Tampere has joined the Green City Accord initiative for European cities. The air quality in Tampere has improved, but there is still room for improvement in noise prevention. The promotion of sustainable mobility by developing public transport and pedestrian and bicycle routes and by encouraging the transition of the car fleet towards less emissions plays an important role. Tampere has drawn up a sustainable urban mobility plan, which strengthens and concretises the goals set for urban mobility and strives to influence choices of transport, the sense of safety and the equality of mobility.

Tampere's nature and waterways offer plenty of opportunities locally. Overall, the number of green and recreational areas in the city is good, but the areas are under increasing pressure on use due to the increasing number of residents, and the areas are not evenly distributed across the city. Local recreational areas and daily services in Tampere are mostly accessible, and the majority of Tampere residents are satisfied with the comfort of their residential area.



# 11 SUSTAINABLE CITIES AND COMMUNITIES



Proportion of residents satisfied with the level of comfort of their residential area 2021

**79.9%**

## A city that looks like its residents

An open, relaxed and accepting culture is one of Tampere’s key strengths, making it stand out from other large Finnish cities. Tampere has long held a reputation as a diverse city of culture with the title of Finland’s most attractive city in terms of migration. However, this position should not be taken for granted.

A vibrant and renewable culture and networks of creative operators are vital for a vibrant and attractive city and the foundation for communality. Strengthening participation, the sense of community and the creative industries are, therefore, strategically important themes for Tampere. The creative industries and the offering of experiences may also steer people towards a more ecologically sustainable lifestyle. Together with its 19 partner municipalities in the Tampere Region, Tampere applied for the title of European Capital of Culture for 2026. Although the title was not obtained, the work done during the application process to develop an increasingly equal, accessible and sustainable ecosystem for the creative industries now continues in the three-year-long Operation Pirkanmaa project.

## Indicators

### Indicators suitable for the monitoring and evaluation of goal 11 in Tampere

Indicator	Source of information	Monitoring method
Proportion of residents satisfied with the level of comfort of their residential area	Well-being survey of Tampere residents (City of Tampere)	Well-being survey of Tampere residents
Location of the zoned residential floor area in public transport zones and district centres	City of Tampere	Strategy
Sustainable public transport index	City of Tampere	Strategy
Results of air-quality monitoring measurements	City of Tampere	Monitoring by the City of Tampere
Proportion of residents exposed to noise of 55 dB or higher	City of Tampere	Monitoring by the City of Tampere
Perception of the diversity of cultural offerings	Taloustutkimus	Strategy



# The five-star city centre of the city of action

The city centre of Tampere is already vibrant and attractive, but it is still being renewed with determination through the Five-star city centre development programme. According to the programme's vision, by 2030, the centre of Tampere will be more international, convenient to reach and easy to navigate, it will have a more diverse offering of events, experiences and services, and it will be a driving force for Finnish business.

In accordance with the Five-star city centre programme, the density of the urban structure will be increased, unused space utilised and new construction built, but existing buildings will also be utilised sustainably. The most significant part of the programme has been the development of the Deck area, the aim of which is to transform the surroundings of the railway station and track area into a new area for people and living. The most prominent landmark in the area is the multi-purpose arena above the main railway line, completed in 2021, which functions as a centre of entertainment, sports, culture and business. The arena also served as the main stage for the Ice Hockey World Championships in May 2022.

The development of the centre of Tampere will create more diverse and sustainable urban environment. By developing shared public spaces, and parks and squares in the city centre, as well as by improving Tampere's unique relationship with the surrounding waters, it will be ensured that the city centre of Tampere is one of the best places to live and spend time.

The development programme promotes, through broad cooperation, the goals of sustainable urban development and the related goals of safe and inclusive urban spaces and a vibrant city in the 2030 Agenda for Sustainable Development.

## Case

Five-star city centre development programme

## Objective

To develop the centre of Tampere into an interesting and attractive operating environment for events, services and business, as well as a comfortable and desirable environment for leisure, recreation and housing.

## Particular contribution to SDGs

11, 17



*The development programmes are strategic development entities of the City, which are implemented under the guidance of the City Board*



# RESPONSIBLE CONSUMPTION AND PRODUCTION

## Globally

The goal is to use natural resources in a sustainable and efficient way and to raise awareness of sustainable development and nature-friendly lifestyles. The goal also encompasses the pursuit of sustainable production and corporate responsibility.

## In Finland

Finland has succeeded in reducing harmful emissions and promoting the circular economy, and Finland has been one of the pioneers of sustainable consumption. On the other hand, Finland's ecological footprint remains significant on a global scale. The aim is to reduce food waste and significantly reduce waste generation by 2030.

## In Tampere

As a service provider of energy, housing, mobility and the food system, the city plays a major role in sustainable solutions that affect people's everyday lives. In addition, the city has an important role to play in providing education for sustainable lifestyles and increasing the participation, awareness and capacity for action of its residents and communities. The city promotes sustainable consumption through its own actions and by providing support for solutions and trials that promote responsible choices for residents, businesses and communities. Similarly to the entire country, the consumption-based environmental footprint of Tampere residents is quite large and extends beyond our borders. Important areas of change in Tampere are industrial renewal, the circular economy and sustainable public procurement.

## 12 RESPONSIBLE CONSUMPTION AND PRODUCTION



### **Eco-social education – towards responsibility, moderation and an interpersonal approach**

A sustainable and attractive city of the future is created together, and Tampere wants to support solutions and trials that promote responsible choices for residents, companies, communities and employees. The promotion of a sustainable lifestyle across the entire urban community plays a central role. The key principles of eco-social education – responsibility, moderation and an interpersonal approach – increasingly guide the activities and services of the city and their development.

In Tampere, measures to promote eco-social and environmental education are actively developed. Environmental education has been integrated into cultural services, education and youth work, and particularly children’s and young people’s awareness of sustainable everyday life is supported in many ways. Content related to sustainable development has been incorporated into the curricula at different levels of education and the content of liberal adult education. The number of sustainable development certifications for education and training providers, companies and services has also increased in Tampere in recent years.

### **Sustainability through effective procurement**

Cities’ procurements have both direct and indirect impacts on the environment and people’s well-being both locally and elsewhere. By setting sustainability criteria for public procurement, Tampere can influence the environmental, climate and social impacts throughout the life cycle of goods, services and buildings, and can steer the market towards more sustainable production and supply. Tampere uses a variety of environmental and social criteria in competitive tendering and is involved in promoting them through various influencing networks.

Tampere has, for example, developed new circular economy-based, ecologically and economically sustainable procurement models for street construction and earthworks. In the service area of social and health services, a compilation of procurement criteria in which social, ecological and economic sustainability aspects can be applied has been drawn up. The city regularly monitors the realisation of the procurement principles and the use of sustainability criteria. In 2021, one-third of the city’s procurements involved sustainability criteria and, for example, 70% of the bananas served at Pirkanmaan Voimia’s locations were Fairtrade certified.

## 12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Proportion of the city's procurement including sustainability criteria 2021

**33 %**

### Solutions to major challenges of change from the circular economy

The circular economy provides solutions to major challenges related to economic, social and environmental change. Accordingly, Tampere wants to support circular economy opportunities in its region. Tampere has mapped and widely identified circular economy-related opportunities and challenges in the region and signed the European Circular Cities Declaration, which accelerates cities' transition to a circular economy. Tampere's first circular economy plan will be completed in spring 2022.

Tampere is involved in several development themes related to the circular economy and is at the international forefront in some of them. The circular economy ecosystem of the Tampere region, coordinated by Business Tampere, brings together companies of different sizes operating in the circular economy and cleantech, as well as research institutes that develop green technology or products that use it. Tampere also actively promotes the circular economy from the perspective of jobs and employment management and aims to create new jobs and skills around the circular economy.

### Indicators

#### Indicators suitable for the monitoring and evaluation of goal 12 in Tampere

Indicator	Source of information	Monitoring method
Proportion of the city's procurement including sustainability criteria	Tuomi Logistiikka	Financial statements
Amount of mixed household waste	Tampere Regional Solid Waste Management Ltd	Monitoring by the City of Tampere
Number of sustainable development certifications for operators in the fields of education, teaching and leisure services	City of Tampere	Monitoring by the City of Tampere
Consumption-based carbon footprint of Tampere residents	Emission calculation using the Kulma model (Sitowise Oy and Natural Resources Institute Finland)	Monitoring by the City of Tampere

## 13 CLIMATE ACTION



# CLIMATE ACTION

### **Globally**

The aim of the goal is to take urgent action to combat climate change. The goal is to improve the capacity of states and citizens to slow down, mitigate and adapt to climate change. In addition, the goal includes increasing knowledge, education and preparedness in relation to climate change.

### **In Finland**

Finland's goal is to be the world's first climate neutral and fossil-free welfare state by 2035. Finland has succeeded in increasing the use of renewable energy and will gradually phase out coal as a form of energy by 2029. Despite this, mitigating climate change is one of the country's most challenging sustainable development goals. Finland must improve its adaptation to climate risks and integrate climate measures more firmly into policies.

### **In Tampere**

Tampere's goal is to become a climate neutral city by 2030 and to actively promote carbon-negative solutions. Tampere has been a forerunner in climate work in Finland for a long time, and the climate emissions per capita in Tampere are among the lowest for Finnish municipalities. Emission reductions have been achieved, particularly in heating and electricity consumption, but there is still work to do, especially in terms of transport. Extensive work on preparing for and adapting to climate change has also begun. Tampere recognises the importance of cooperation for effective climate work.

# 13 CLIMATE ACTION



## Long-term climate work – climate neutral city 2030

Tampere is a pioneer in climate work and engages in goal-oriented climate work. A significant recognition of this was Tampere's selection in 2022 as one of the 100 European pioneering cities aiming at climate neutrality by 2030. Tampere is actively involved in key national and international climate commitments. The city's measures aimed at achieving climate neutrality have been compiled in the regularly updated Climate Neutral Tampere 2030 roadmap. A Climate Watch service was published in 2021, through which the implementation of the measures specified in the roadmap can be monitored.

Tampere is the first Finnish city to have developed and implemented a climate budget to monitor the progress of the climate neutrality objective and the adequacy of climate action. The climate budget integrates climate work into the preparation of the city's budget, and it is used to monitor actual emissions and costs in connection with annual financial statements.

## Planned adaptation and preparation work required

The effects of the advancing climate change are already evident in Tampere, and they are expected to intensify in the future. The growth and increasing density of the city increase its susceptibility to the effects of climate risks. The city centre of Tampere is exposed to the risks of storm water floods and heat waves, while areas dominated by agriculture and forestry may suffer from drought and storm damage at the same time.

In terms of adaptation to climate change, Tampere's special strengths are related to storm water management and green structure, and the realisation of related measures is, in many respects, already well under way in Tampere. Otherwise, adaptation work is still at very different stages in different sectors of the city, and a uniform city-wide adaptation plan has not yet been prepared. It is essential to develop the adaptation work that guides the activities of the whole city by drawing up a common adaptation strategy and defining common actions, responsibilities and monitoring methods.

# 13 CLIMATE ACTION



## Climate work is carried out together

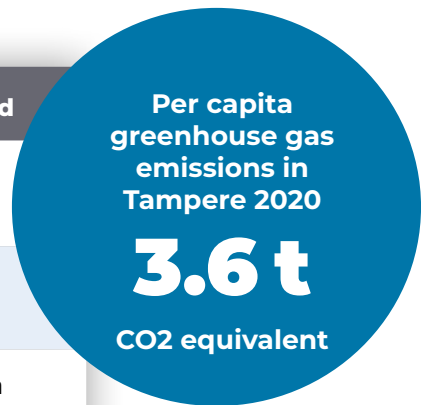
In addition to the activities of the city organisation itself, it is essential to ensure the participation of the residents and other operators of the region, as climate action is most effective through cooperation. Climate-aware actions will create a better living environment for Tampere residents, improve biodiversity and the region's economic sustainability, and bring new business opportunities.

Tampere carries out climate work through international and inter-city cooperation, and it is involved in several networks influencing climate action and climate policies. A climate partnership model has been created for the Tampere region, in which local companies and communities contribute to the achievement of the common goal of climate neutrality by 2030. In climate partnerships, companies receive peer support, advice and visibility for their operations, but also commit to reducing their own emissions.

## Indicators

Indicators suitable for the monitoring and evaluation of goal 13 in Tampere

Indicator	Source of information	Monitoring method
Per capita greenhouse gas emissions in Tampere	CO2 report (Sitowise)	Strategy
Total amount of greenhouse gas emissions in Tampere	CO2 report (Sitowise)	Strategy
Degree of completion of the measures specified in the Carbon Neutral Tampere 2030 roadmap	City of Tampere	Carbon-neutral action development programme
Number of companies and communities involved in the climate partnership model	City of Tampere and Business Tampere	Carbon-neutral action development programme







## Towards a climate neutral city by encouraging residents and companies to change their practices

The goal of Tampere is to be a climate neutral city by 2030, and the city is working in a variety of ways to achieve this goal. However, the city's climate measures alone are not enough; residents and companies need to be involved, as well. The climate neutral action development programme promotes a fair and just transition of residents and companies in Tampere towards a climate neutral and climate resilient city.

The programme encourages Tampere residents to make more sustainable consumption and mobility choices, and focuses on business cooperation and the promotion of the circular economy. The aim of the programme is to increase local residents' awareness of, interest in and motivation for sustainable lifestyles.

Reducing emissions from mobility and consumption, and promoting the circular economy require a large-scale change in practices. The aim is to encourage changes in practices through targeted and tailored means of cooperation, marketing, communication, nudging and choice architecture. Tampere strives to become a climate neutral city in a fair way and through cooperation.

The development programme promotes, in particular, the 2030 Agenda goals related to climate change mitigation, sustainable mobility and consumption, and cooperation and partnerships.

### Case

Climate neutral actions development programme

### Objective

To promote a fair and just transition of residents and companies in Tampere towards a climate neutral and climate resilient society.

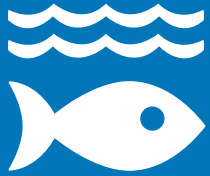
### Particular contribution to SDGs

11, 12, 13, 17



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# 14 LIFE BELOW WATER



## LIFE BELOW WATER

### Globally

The aim is to preserve the marine environment and underwater life and to ensure the sustainable use of waterways. This goal can be promoted by preventing marine pollution and nutrient load, protecting aquatic ecosystems, regulating fishing and ending destructive fishing practices. Development must take place within the limits of the carrying capacity of waterways.

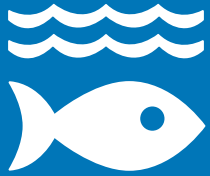
### In Finland

In Finland, the challenge is the eutrophication and pollution of the Baltic Sea due to the nutrient load and harmful substances ending up in the sea. However, Finland has succeeded in finding new methods for reducing the pollution of the seas and waterways. Finland has also successfully invigorated local fish stocks, and the coverage of marine protected areas has increased. However, there is still work to be done.

### In Tampere

In Tampere, the focus of the goal is on the management of the load on local waterways, which also affects the state of the Baltic Sea through the catchment area. The state of waterways is influenced through functioning water supply, waste water and waste management and, in terms of airborne pollution, also through air protection and climate work. The ecological state of lakes in Tampere is mostly good, but the state of small waterways, such as streams, ditches and small ponds, has in some cases deteriorated as a result of human activity. Climate change and biodiversity loss are also threats to waterways. Tampere has a large number of public beaches and winter swimming locations, the water quality of which is monitored regularly. Thanks to the extensive waterways surrounding the city, there is still plenty of potential for developing lake and nature tourism in Tampere.

# 14 LIFE BELOW WATER



## Caring for nearby waters also protects the Baltic Sea

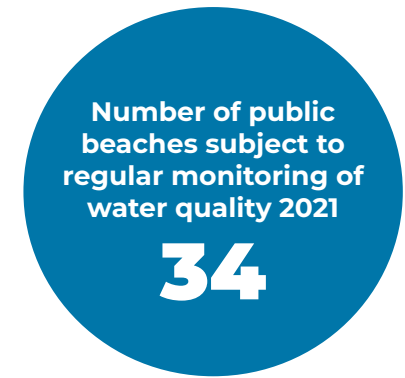
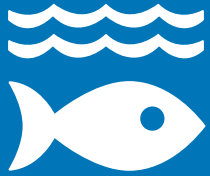
Tampere has been successful in protecting inland waterways after the poor situation of the 1970s, and the load of urban and industrial waste water on waterways has been brought under control with the help of effective technical infrastructure services. Today, the recreational potential of waterways is excellent. Water supply and waste water management is the responsibility of the city's municipal corporation, and the new regional central waste water treatment plant will start operation in 2025. Tampere Regional Solid Waste Management Ltd, the majority of which is owned by the City of Tampere, is responsible for the collection and treatment of municipal waste.

Although Tampere is located inland, the city and its waterways are part of the vast Kokemäenjoki river basin, which flows into the Baltic Sea. Tampere has been involved in the Baltic Sea Challenge, which promotes the protection of the Baltic Sea, since 2007, and it has updated and maintained its own Baltic Sea action plan within the framework of the Challenge. The focus of the measures is on ensuring that local waters around Tampere remain in a good state.

## Potential of lake and nature tourism

Tampere and the Tampere region still have a lot of untapped potential for developing lake and nature tourism and combining it with more urban tourism. The high-quality water transport, outdoor recreation and activity services in the city area, as well as good connections to the surrounding region's national parks and other attractive destinations, make Tampere a lake and nature tourism city of both national and international appeal. At the same time, these elements can be harnessed to increase business opportunities and the well-being of residents. The development of lake and nature tourism will be governed by Tampere's first lake and nature tourism roadmap, which will be completed in spring 2022.

# 14 LIFE BELOW WATER



## Indicators

Indicators suitable for the monitoring and evaluation of goal 14 in Tampere

Indicator	Source of information	Monitoring method
Number of public beaches subject to regular monitoring of water quality	City of Tampere	Monitoring by the City of Tampere
Wastewater load	Tampere Water	Monitoring by the City of Tampere
Results of the monitoring of waterways	City of Tampere	Monitoring by the City of Tampere
Number of customers in the lake and nature tourism sector	Visit Tampere	Experience economy development programme



15 LIFE  
ON LAND



# LIFE ON LAND

## Globally

The goal is to protect terrestrial ecosystems, promote their sustainable use and halt biodiversity loss. The goal is promoted by securing the well-being, preservation and restoration of ecosystems and by incorporating natural values into national and local planning and activities.

## In Finland

The biggest challenge for Finland in achieving this goal is halting the loss of biodiversity. Financial resources allocated for the protection of biodiversity and ecosystems must be increased, and urgent action is expected from Finland to prevent the degradation of habitats.

## In Tampere

Tampere promotes the goal by protecting the diversity and sustainable use of natural environments and the city's forests and by increasing nature-based solutions in the region. Reconciling goals related to biodiversity and urban growth is not always straightforward, but the city's strategic ambition is to create growth sustainably and with respect for nature, thus saving as much nature as possible. The city has carried out long-term and systematic nature conservation work, particularly with regard to forest ecosystems, but conservation sites can also be found in waterfowl habitats and mire ecosystems. The aim of Tampere's first biodiversity programme is to protect biodiversity extensively across the entire city and in the residents' surroundings.

# 15 LIFE ON LAND



## Recreation and diversity in forests

Forests are one of the most important habitats for endangered and threatened species in the Tampere Region. Tampere is a major land and forest owner and thus plays a key role in maintaining biodiversity and halting the loss of nature in its region. A significant part of the city's forests are located in the inner city in the immediate vicinity of residential areas. The forests are in busy recreational use by locals and an integral part of the suburb and roadside landscapes.

The forests of Tampere are old, and their growth and carbon capture rates have slowed down. Maintaining the vitality of forests is also essential with respect to the mitigation of climate change. Tampere's ambition to improve biodiversity is reflected in the new forestry operations model that is valid until 2030. The goal is to have diverse, versatile and safe forest nature in Tampere that provides meaningful experiences, promotes well-being and mitigates climate change.

## Programmatic promotion of biodiversity

The City of Tampere's biodiversity programme, extending to 2030, has been prepared in parallel with the intensifying public debate on biodiversity. The programme, which will be brought to decision-making in summer 2022, includes measures to develop ecologically sustainable operating methods and to protect biodiversity in the city's operations. The programme is divided into six main objectives: ensuring the protection of urban biodiversity and its ecosystem services; protecting endangered habitats and species; ensuring the functioning and coverage of ecological networks; ensuring the protection of the diversity of waterways and their biota; improving the control of invasive species; and providing information to the city's residents and improving their relationship with nature.

The biodiversity programme has a specific focus on improving and maintaining biodiversity, but, alongside that, the city will investigate what measures Tampere could take to also improve the economic and health impact of biodiversity.

15 LIFE ON LAND



Proportion of nature reserves and area reservations in Tampere land area 2021

**2.04%**

## Indicators

Indicators suitable for the monitoring and evaluation of goal X in Tampere

Indicator	Source of information	Monitoring method
Proportion of nature reserves and area reservations in land area	City of Tampere	Monitoring by the City of Tampere
Amount of green and blue space per 100,000 residents	City of Tampere	Monitoring by the City of Tampere
Annual growth and removal of the city's forests	City of Tampere	Monitoring by the City of Tampere



## Global responsibility and effectiveness in a Fairtrade city

Tampere was chosen as the first Fairtrade city in Finland on International Fairtrade Day on 9 May 2008. The decision to apply for the title was inspired by a Council initiative. The title is a statement in favour of sustainable development, in accordance with which the City of Tampere is committed to developing its procurement to be more sustainable.

In the City of Tampere's operations, the title of a Fairtrade city means meeting certain criteria, such as providing Fairtrade coffee and tea at the city's own events and personnel restaurants, and participating in Fairtrade weeks. In addition, the title requires cooperation with local companies and communities to promote ethical and sustainable consumption. Over the years, Fairtrade and sustainable consumption have been promoted through various events, campaigns and training in close cooperation with local partners.

Fairtrade offers the City of Tampere and its residents a simple way to promote fair global trade, and the state of human rights and the environment globally, through everyday choices.

From a local perspective, the activities promote, in particular, the sustainability of the consumption habits of local residents and other operators, the city's sustainable public procurement and thus good governance, and the global effectiveness of the city's activities in the spirit of the 2030 Agenda for Sustainable Development.

### Case

Fairtrade city title and activity

### Objective

To develop the city's procurement to be more responsible and to encourage the city's residents, personnel, companies and communities to make fair choices.

### Particular contribution to SDGs

12, 16, 17





# 16 PEACE, JUSTICE AND STRONG INSTITUTIONS



# PEACE, JUSTICE AND STRONG INSTITUTIONS

## Globally

The goal is to promote peaceful societies and access to justice and to build accountable institutions at all levels. The aim is also to secure basic rights for all and to reduce all forms of violence.

## In Finland

Social stability in Finland is good. Finland has succeeded in the fight against corruption, and Finnish institutions operate in a transparent, efficient and responsible manner. The challenges are new forms of violence, such as cyberbullying and data breaches. In Finland, more attention must be paid to reducing discrimination, for example through anti-discrimination laws. Abuse and violence against children must be eradicated altogether.

## In Tampere

In Tampere, measures to promote equality, stability and safety are central to this goal. These include combating new forms of violence and insecurity, responsible governance and effective services. According to the experience of the residents, Tampere is a very safe place to live. The city's finances must be managed responsibly in order to ensure basic services and the development of the city.

## 16 PEACE, JUSTICE AND STRONG INSTITUTIONS



### **Promoting a sense of safety and stability**

In Tampere, the challenges related to safety and stability are partly the same as at the national level, such as the COVID-19 pandemic and the recovery from it, and climate change. The changing and increasingly complex safety environment and the uncertain global political situation pose a variety of challenges to safety in the city. Tampere has a constantly updated safety plan, which aims to improve residents' sense of safety and actual safety in Tampere by reducing the number of crimes, disturbances, incidents and accidents.

The city carries out and develops safety work in broad cooperation with residents, authorities and several other operators locally, regionally and nationally. Tampere is also involved in the international SURE project, which helps develop urban security and event safety. Residents are also involved in the development of safety work through, for example, surveys and participatory budgeting. Improving safety and the sense of safety and narrowing differences in well-being are key objectives in the city's operations.

### **Transparency and responsible decision-making**

Tampere is a city that takes care of common issues responsibly. The operations of the city administration are guided by various regulations and guidelines, such as the ethical principles and administrative regulation. The city's decision-making processes and operations are public, and the accessibility and clarity of decisions have been improved. The transparency of administration will be enhanced, for example, by publishing more officials' decisions on the website, by video-recording City Council meetings, and through the active presence of the city's decision-makers, senior management and units on various social media channels. Corruption risk management has been improved by developing risk management practices and increasing transparency in procurement and contractual activities. A healthy economy is the basis for the well-being of Tampere and its residents, and the city's finances must be managed responsibly to ensure that services can continue to be secured and financed in the future.

# 16 PEACE, JUSTICE AND STRONG INSTITUTIONS



Proportion of Tampere residents who feel their residential area is safe 2021

**83 %**

## The well-being and employee experience of the personnel

The city is built with competent personnel with a high level of well-being. The exceptional time caused by COVID-19 and rapidly changing situations have burdened the personnel and posed challenges for their well-being at work. For example, the amount of sick leave taken by the personnel has been increasing. Well-being at work is strongly linked to the employee experience, which is further reflected in a good customer experience. Since 2021, the city has carried out employee experience surveys aimed at the entire personnel of the city, three times a year. The results of the survey are utilised at the work community level in the preparation and monitoring of employee experience development measures.

In the coming years, personnel turnover and labour shortages will cause increasing challenges to the city, which can already be seen in early childhood education, special needs education and youth services. The city aims to address the availability of labour through, for example, proactive and diverse recruitment, an example of which is the participation of the city in a work-based immigration pilot in social and health services. Tampere is also investing in making the city an attractive place to work for future talent. In 2021, the city offered more than 750 summer jobs and traineeships. The city's activities also include a trainee programme for higher education students, which aims to support students and recent graduates and to increase their engagement in the city organisation by offering a wide range of traineeships.

### Indicators

#### Indicators suitable for the monitoring and evaluation of goal 16 in Tampere

Indicator	Source of information	Monitoring method
Proportion of residents who feel their residential area is safe	Well-being survey of Tampere residents (City of Tampere)	Strategy
Street safety index	Information service of the police	Strategy
Awareness of participation opportunities	Well-being survey of Tampere residents (City of Tampere)	Strategy
Number of digital services relative to the total number of services	City of Tampere	Strategy
Customer experience	City of Tampere	Strategy
Results of the employee experience survey	City of Tampere	Strategy



# PARTNERSHIPS FOR THE GOALS

## Globally

The aim is to support the promotion of sustainable development by building effective public, public-private and civil society partnerships, particularly at the global but also at other levels. In addition, the aim is to improve access to development and well-being for all, through international cooperation.

## In Finland

Finland is actively involved in global and multilateral cooperation. Development financing provided by Finland has been reduced, and the country should increase international assistance to developing countries to improve their capacities. Finland has gained a lot of positive visibility as one of the pioneering countries in sustainable development. It has also strongly involved representatives of society other than the Government in the national planning, implementation and assessment of sustainable development, for example through the Finnish National Commission on Sustainable Development.

## In Tampere

Tampere is characterised by active cooperation in promoting sustainable urban development and well-being at all levels. The city wants to act as a reliable partner and a platform for joint activities, and it creates conditions for sustainable future solutions, enabling local expertise and activities to support the transition towards sustainable societies very extensively at best. The city seeks bold initiatives and partnerships from global networks and shows the direction for and commitment to building a sustainable future through various national and international commitments.

## 17 PARTNERSHIPS FOR THE GOALS



### **Joint development using an alliance model**

The City of Tampere is actively creating a culture of partnership and development, with a focus on broad cooperation and partnerships with other operators. An example of a new and successful way to implement large-scale development projects in the city is the alliance model, which has garnered a lot of interest and praise. The alliance model is a cooperation model in which the parties involved are jointly responsible for the project and share its objectives, benefits and risks. The model was used in the implementation of the first well-being alliance in Finland for Tesoma, Tampere, which was an important step in creating a partnership between the public, private and third sectors. The City of Tampere has also developed and successfully used the alliance model in major urban development projects, such as the construction of the tramway.

### **Effective partnerships at the international level**

Internationality has always been a central part of the story of the City of Tampere, and its importance in the city's operations will be further emphasised as the need for and number of international experts, investments, tourists and events grows in Tampere. The aim is to build an open, equal and international city, strengthen the international attractiveness of the city, develop the city's own operation, and influence matters internationally so that the expertise available in Tampere can be utilised in solving global challenges.

The City of Tampere has a long tradition of international town-twinning through official visits and cultural, sports and youth communities. City-to-city cooperation activities with new partner cities also increasingly derive from practical needs. One current example is a co-operation project for the localisation of SDG targets with the Tanzanian twin-city Mwanza, in which Tampere will support the preparation of Mwanza's first VLR assessment.

The City of Tampere is a member of several international organisations and networks involved in environmental and climate issues, culture, vitality and smart cities, and participates in their activities in a goal-oriented and active manner. The aim is not only to learn from others, but also to lead by example and share good practices. The internationalisation of the city is also a common goal of the operators in the region, and international cooperation and means to attract international talent are promoted through a partnership agreement signed with companies in the region and the Tampere Universities Community.

# 17 PARTNERSHIPS FOR THE GOALS



## Tampere as a bearer of global responsibility

People have always come to Tampere from other parts of the world, and local expertise has been taken elsewhere. Tampere's long tradition of fostering international cooperation and promoting sustainable development commitments has strengthened Tampere's position as a city that assumes global responsibility, while the role of cities in international activities and in solving global challenges has gained more prominence. Tampere wants to maintain this position in the future, as well.

However, recognising and taking into account the global impact of our own activities on people and the environment is something that Tampere and its residents still need to improve. The 2030 Agenda for Sustainable Development is an excellent way to examine the activities of the city and the urban community in relation to global impacts and goals. That is why Tampere is committed to promoting these goals in its operations and is doing so in broad cooperation with its partners.

## Mittarit

### Tavoitteen 17 seurantaan ja arviointiin soveltuvia mittareita Tampereella

Indicator	Source of information	Monitoring method
City's memberships of international organisations and networks	City of Tampere	Monitoring by the City of Tampere
Number of Tampere Ambassadors	City of Tampere	Monitoring by the City of Tampere

City's memberships of international organisations and networks 2021

# 18

# BUILDING A SUSTAINABLE FUTURE TOGETHER

## The 2030 Agenda as a tool for comprehensive development

Tampere has been involved in promoting sustainable development commitments and cooperation ever since the launch of the local agenda work at the UN Conference on Environment and Development in Rio in 1992. This was the first attempt to find out to find out what sustainable development is in Tampere. The 2030 Agenda goals are part of this continuum.

The Sustainable Development Goals, with their colourful icons, have started to become a universal language of sustainable development, through which various operators can describe their work and find depth, scope and mutual understanding for their sustainability work, in accordance with the purpose of the Agenda. What is new and valuable in reviewing and evaluating the city's activities through the SDGs is precisely the principle of interdependence contained in them: the impact of the activities on the SDGs must be taken into account as a whole when promoting them, and environmental, social and economic sustainability must be considered together. This approach supports well the management of entities, the promotion of internal cooperation, and a comprehensive assessment of the impact of decisions to which cities need to pay more attention while facing increasingly complex challenges and needs for change. If successful, the local implementation of the 2030 Agenda will highlight the parallel benefits of promoting the goals and will help avoid compromises that are unfavourable to the whole.

## The review lays the foundations for further internal work

The local review of the SDGs serves as a clear demonstration of the fact that, through its broad core tasks, the City of Tampere Group can influence each of the UN Sustainable Development Goals in its operations and is already doing a great deal of work in relation to them. The goals set out in the city strategy are also in line with the global goals. Although the goals are compatible, work has so far been done in Tampere without any significant links to the 2030 Agenda goals specifically. However, the SDG movement, which is intensifying at different levels and now especially in cities, suggests that Tampere should also strive to describe and assess its activities in relation to the SDGs in the future and, in this way, seek added value for its work.



The outcome of this local review will not be a detailed analysis of the state of sustainable development in Tampere, nor will it provide a summary or recommendations for action regarding clear challenges and successes. Instead, the review is intended to serve as material and an initiative for further internal work on the SDGs, which will focus on increasing the personnel's understanding of and commitment to the SDGs, as well as strengthening the SDG perspective in the management of the city and the evaluation of its activities.

Stronger promotion of sustainable development requires that the role of the personnel and units in advancing the SDGs locally and globally is recognised and that there is a will to promote the goals together. The aim is to find new meaning for the work through this approach. This is exactly what will be discussed with the personnel next. To this end, tools and assessment models are available, and they are also being developed in cooperation with other Finnish cities.

An important means of promoting the SDGs locally is to incorporate the SDGs into the day-to-day planning, management and monitoring of the city's operations, which means integrating the SDGs into the city's strategic management system and operational and financial planning process. This ensures that sustainability work is not isolated and limited to specific themes, and that the situational picture of sustainable development is conveyed at all levels of operation. The VLR will also provide tools for this work.

### **Successes through cooperation and partnerships**

Inclusion and cooperation are not only sustainable development goals in themselves, but also central ways of building a sustainable future. For this reason, working within the City of Tampere Group alone is not enough; a large number of other operators are needed. Local dialogue and cooperation must be initiated with residents and the urban community, and companies and other operators in the region must also be invited to participate in the work. These activities will proceed alongside internal work.

The capacity for cooperation that is characteristic of Tampere is reflected in its active participation in networks. Tampere is already involved in several 2030 Agenda cooperation networks and, through its progressing SDG work, is becoming more clearly linked to them. On the national level, cooperation between large cities in the sustainability management is important. The Strategy of the National Commission on Sustainable Development 2022–2030 published in spring 2022 invites the whole of Finnish society to participate in the building of a well-being and globally responsible Finland that protects the carrying capacity of nature. Tampere has plenty to offer in this work, but also a lot to learn from others.

Sustainable development cannot be achieved only at the local or national level. That is why we need common goals and global cooperation. Finland has been an international pioneer in the implementation of the 2030 Agenda, and there is a growing interest in the SDG work carried out by Finnish cities. Credible and transparent SDG work will thus also open up a huge number of international opportunities for Tampere.

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# **CITY OF SUSTAINABLE ACTION**

**The Voluntary Local Review of the UN Sustainable Development Goals in Tampere 2022**

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**May 2022**