

Target benefits of the Sustainable Espoo development programme for the years 2017–2021

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Purpose of the programme

Espoo's objective is to be permanently the most sustainable city in Europe. Espoo is trying to reach carbon neutrality by 2030. The new solutions will build the appeal and competitiveness of Espoo, create new business, increase the benefits offered by diverse nature and the urban environment and make the region known. To support the sustainable growth of Espoo, the programme will develop significant new solutions in intelligent and clean technology in collaboration with partners. The solutions will support the ease of everyday life and add value to every resident of Espoo. Espoo will act as a pioneer of intelligent urban development, climate work and the circular economy. The implementation of new solutions will be strengthened by the development of sustainable and innovative acquisitions and active collaboration with partners.

Programme work will support the development and implementation of economically, ecologically, socially and culturally sustainable solutions. The climate programme will be updated to match the climate goal of the Espoo story.

Target benefit 1: We will build and develop Espoo using smart solutions

A sustainable Espoo will be built on people's expertise and desire to make an impact. In the city's development and partnerships, open interfaces and new, clean and smart solutions will support the smoothness, economic efficiency, lack of emissions and safety of everyday life. Smart areas and services will be built in the development zones of the metro and the City Railway. This will open up an important opportunity for companies to launch their own top solutions. The first projects for smart and clean home and area solutions, transport and parking, energy control and indoor air management will be launched. Communal services for residents will be developed. The approach and solutions created will be utilised more extensively in the development of Espoo.

Target benefit 2: The transport of Espoo residents will become more streamlined and diversified

The development of the attractiveness and competitiveness of the networked city will be supported with diverse and smart transport solutions. The transport services of every municipal resident will be developed on a user-oriented basis. The city is an attractive platform for

solution developers. The introduction of the West Metro will change transport solutions, and the change must be utilised so that it will improve the service level and increase sustainability and cost-effectiveness. Public operators should open up the interfaces of traffic services so that new transport services can be developed effectively. The first services to link transport chains will be implemented through cooperation between public and private operators. Espoo aims to increase the share of public transport and bicycle and pedestrian traffic as modes of transport and have emission-free public transport by 2030. Low-emission private cars will be promoted. The first automatic buses will begin permanent operations in Espoo during the programme period and the number of electric buses in connecting traffic is significant.

Target benefit 3: Emission-free energy production and smart energy solutions

The goal is for energy production in Espoo to be completely renewable by 2030 and for users' energy bills to decrease. Production and use will be based on smart, energy-efficient, flexible and energy-saving solutions of clean technology. Energy storage will support the emergence of new business models. Espoo is an active partner in development work and the introduction of new energy solutions. Development work will improve the energy saving of residents and customers, utilisation of renewable energy and cost-efficiency. The new solutions will be economically competitive and scalable while also creating new jobs and business.

Target benefit 4: Espoo residents will act responsibly

A sustainable lifestyle will be made known, easy and attractive. Support will be provided especially for the development of the sustainable development values and practices of children and young people. Measures leading to a sustainable lifestyle will be introduced and strengthened in urban development together with residents, customers and partners. The operating models for social sustainability, such as those for integration, will be improved. The self-motivated and communal activities of residents will be developed. Together, we will create a functional, safe and comfortable everyday life.

Target benefit 5: The nature benefits and recreational opportunities of the local environment will increase

Diverse nature and environment increase the well-being of Espoo residents and visitors of all ages. Nature is close in a networked city structure. The importance of local nature as a place for recreation is strengthened. The accessibility of maritime Espoo and the Waterfront Walkway will be improved and services developed. Nature benefits, the quality of local and urban nature and recreational services will be developed and made known together with residents, businesses and other partners. Espoo residents' knowledge of local nature and relationship with nature will be strengthened. We will broaden the

opportunities that residents have to participate in taking care of the local environment.