



Sustainable Development in Education and Training

Case Espoo, Finland

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Today Finland is

1st



Happiest country

For the 5th year in a row,
The World Happiness Report

1st



Skills development at work

The European Skills Index

1st



Sustainable Development Comparison

UN and Bertelsmann Foundation

*Educations and training
contributes to all indicators*

Espoo aims to reach the UN's sustainable development goals as a forerunner

UNESCO Awarded Learning City (2016)
Most Intelligent Community in the World (2018)
Energy Globe Award (2019)
Best Library in the World (2019)
European Innovation Capital Finalist (2019, 2020)



ESD is integrated into strategies on all levels

The Espoo Story

Sustainable Espoo: Responsible Espoo residents

Education and Cultural Services

Education curricula

Right to education

Sustainable lifestyles

Human growth, democracy and equity

Cultural diversity

Youth strategy

We empower young people to influence global themes and the realisation of human rights.

Culture strategy (vision 2030)

Espoo will be a creative and bold cultural city that supports a sustainable way of life.

Sports strategy

Healthy and sustainable lifestyles.

Strategy for social and health sector

Citizens participate in the planning of their services. We support them to learn, find their strengths and take care of themselves.

Strategy for technical and environment sector

Citizens participate in city development. Support for environment education.



Where
does
learning
take place?



Learning environments are a
combination of physical,

tangible,
mobile,
virtual,
mental and
social spaces.





School as a Service Concept

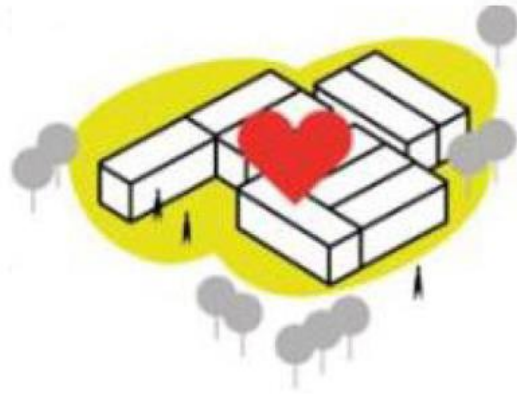
- The City of Espoo and Aalto University joint experiment
- Developed together with teachers, students and other users
- Using spaces and other resources available on the university campus either in parallel or together with the university



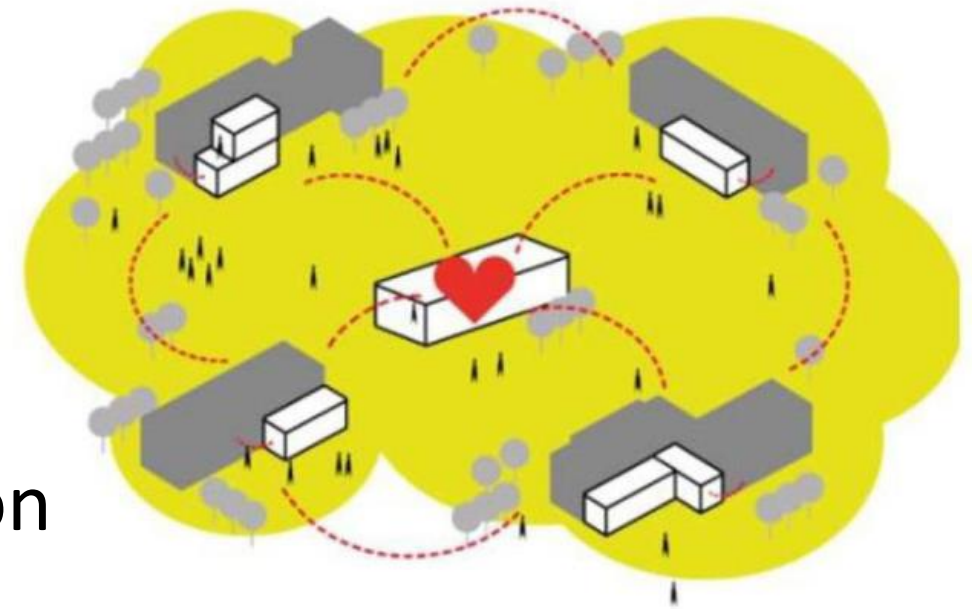
School as a Service



Centralized
School as a Product



Distributed
School as a Service



- A new concept for organizing education
- Supports more meaningful and fun learning
- Distributed facilities and operations



VET - designed as a service

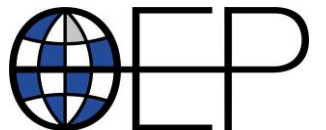


**Relevant curricula designed
to industry standards**

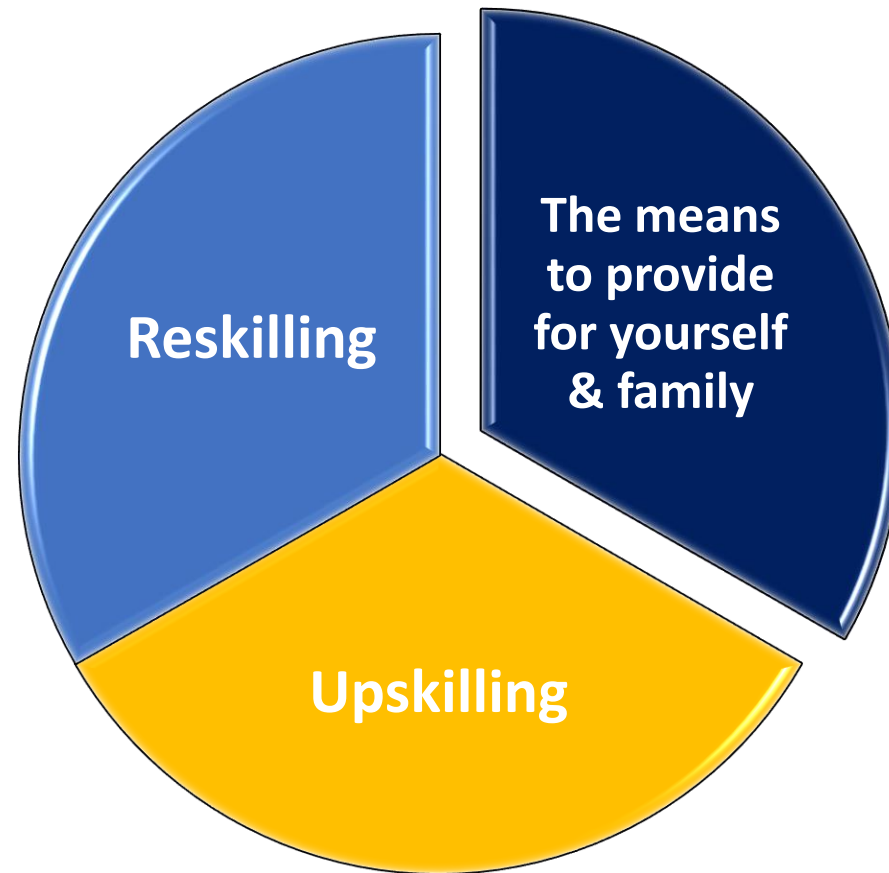
**Competency and
future skills
aligned**

**Flexible
modular
paths**

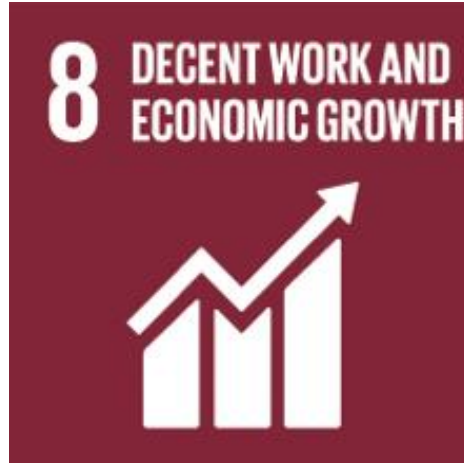
Work/further studies



Offering paths to livelihood



Role of VET today - sustainable growth



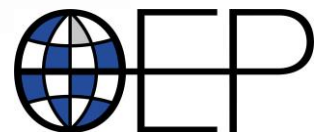
A part of embracing sustainable change



Educating for responsible choices



Professional identity



Respecting and preserving nature and resources



Building capacity to use resources more sustainably, conserve nature and respect local biodiversity.

The map illustrates the geographical distribution of major companies and institutions in the Espoo region. Key locations and their associated entities include:

- Natura 2000:** Important bird species sea life.
- Samsung:** Located in the northern part of the map.
- Aalto University:** Central campus and research & development new housing in Maari.
- Nokia:** Located near the Aalto University campus.
- VTT:** Research center located near the Aalto University campus.
- Urban Mill:** Located near the Aalto University campus.
- Startup Sauna:** Located near the Aalto University campus.
- Fortum:** Energy company located near the Aalto University campus.
- Huawei:** Technology company located near the Aalto University campus.
- Kiosk:** Retail company located near the Aalto University campus.
- Kone:** Elevator company located near the Aalto University campus.
- Microsoft:** Technology company located near the Aalto University campus.
- Intel:** Technology company located near the Aalto University campus.
- Finnforest:** Paper and forest products company located near the Aalto University campus.
- LähiTapiola:** Financial services company located near the Aalto University campus.
- Espeen Kaupunginteatteri:** Theater located near the Aalto University campus.
- Tapiola Sinfonietta:** Orchestra located near the Aalto University campus.
- Stockmann:** Department store located near the Aalto University campus.
- Neste Oil:** Oil company located near the Aalto University campus.

The map also shows major roads like Ring Road 1 and Länsiväylä, and natural features like the sea and lakes.

Creating a vibrant learning ecosystems



Facilitating a shared vision for growth and the willingness to contribute on a personal, organizational, local and national level.

Proactively reducing social and economic inequality



The flexibility of the VET system allows for bridging gaps in education and competence as well as toping up in specific areas.

It is truly lifelong learning for all.



Thank you!