



World Cities

*EU – Third Countries Cooperation on
Urban and Regional Development*



World Cities

A project of the European Union managed by DG REGIO

Introduction of the City of Tampere (FI)



World Cities: Tampere

Facts about Finland

TOTAL AREA

338,435 km²

of which 90% land and 10% internal waters. Of the land area 77% is forests and other woodland and 9% agricultural land.

NATURAL RESOURCES

- forests
- copper
- iron ore
- other minerals
- fresh water



DISTANCES

1,160km
from north to south,
540km
from west to east



CREDIT RATINGS

AAA

(Fitch Ratings)

Aaa

(Moody's)

AA+

(Standard & Poor's)



TIME

UTC +2 HOURS

during winter,

UTC +3 HOURS

during summer

POPULATION

5.5
million

POPULATION DENSITY

17.9
inhabitants per km²

CURRENCY

€uro

Finland joined the EU in 1995.

LIFE EXPECTANCY AT BIRTH

Females
83.5
years

Males
77.5
years



LANGUAGES

Others 6%
Swedish 5%
Finnish 89%



RELIGIOUS COMMUNITIES

Lutheran 75%
Orthodox 1%
No religious affiliation 22%

CORPORATE TAX

20 %



One of the lowest in the EU.

Great Place to do business

1st

**IN WEF'S HUMAN
CAPITAL INDEX**

(Quantifies how
124 countries are
developing and
deploying their human
capital and tracks
progress over time.)

1st

**IN HIGHER
EDUCATION AND
TRAINING ****

2nd

**IN AVAILABILITY OF
SKILLED LABOUR *****

1st

IN INNOVATION **

2nd

**IN EDUCATIONAL
SYSTEM *****

1st

**COUNTRY IN EUROPE
IN LEARNING SKILLS
AMONG 15-YEAR-
OLDS *******

1st

**IN THE HEALTH AND
PRIMARY EDUCATION

3rd

**LEAST CORRUPTED
COUNTRY IN THE
WORLD *******

4th

**MOST COMPETITIVE
ECONOMY IN THE
WORLD (out of 144
countries) ****

4th

**IN TALENT (out of 60
countries) *****

**Human Capital Report 2015*

*** The World Economic Forum, Global
Competitiveness Report 2014–2015*

**** IMD, World Talent Report 2014*

***** Transparency International 2014*

****** OECD's PISA study 2012*

Tampere: 150 years of industry and innovation

1882 First electric light bulb in the Nordics

1974 NMT Phone Call

1991 First commercial GSM call

1995 Walking forest machine

1996 First Communicator (Nokia 9000)

1998 Digital X-ray image

2001 Mobile camera phone (Nokia 7650)

2004 Automated container terminal

2012 41-megapixel camera phone (Nokia 808)

2015 Nokia OZO 360° virtual reality camera

Facts about Tampere

The second largest growth region in Finland

TOTAL POPULATION
(Tampere Region)

505.000

PLACES OF
BUSINESS

33.000

GDP PER CAPITA
OVER

35.000 €

CITY REGION
POPULATION
(city)

**370.000
(230 000)**

REVENUE ALL
SECTORS (2014)

30.000 M€

REGIONAL R&D
EXPENDITURE OF
GDP

5,3%

THE ANNUAL
POPULATION
GROWTH

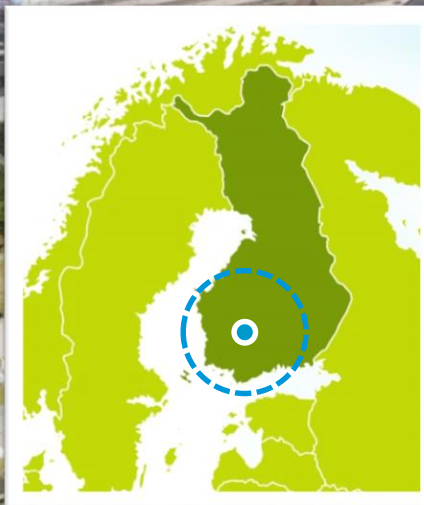
+1%

PROPORTION OF
REVENUE FROM
INDUSTRY

35%

UNIVERSITY
STUDENTS

36.000





Tampere – Thriving through technology

Tampere is one of the fastest growing regions in Finland with a population of 505 000 offering excellent business and working opportunities. The population is estimated to grow by 20% by the year 2030. Still, the cost level is lower than in many other big economical areas. Tampere will invest over 6 billion euros for new city development in the coming years. **ICT, intelligent machines** and **manufacturing** industries have exceptionally wide and varied business base in Tampere region.

Over 36.000 university students and 34.000 technology industry professionals offer an **excellent talent pool**.

High quality of living - Tampere is one of the least congested cities in the world

The home of Demola – The award winning innovation platform

Every 5th person in Tampere is a student

City of diverse industries and innovation

ICT and DIGITALIZATION

ICT



Intelligent Machines & Manufacturing Industry



Nano Technology



Life Science



Cleantech





Vivid university city – Talents for tomorrow



TAMPERE
UNIVERSITY OF
TECHNOLOGY



UNIVERSITY
OF TAMPERE



TAMPERE UNIVERSITY
OF APPLIED SCIENCES

WEF 2014-2015: FINLAND #1 UNIVERSITY-INDUSTRY COLLABORATION IN R&D

OVER 36.000 UNIVERSITY STUDENTS

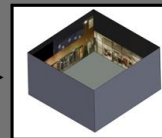
EVERY 5TH PERSON IN TAMPERE IS A STUDENT

City as an innovation platform

Platform provider + co-creator + innovative customer



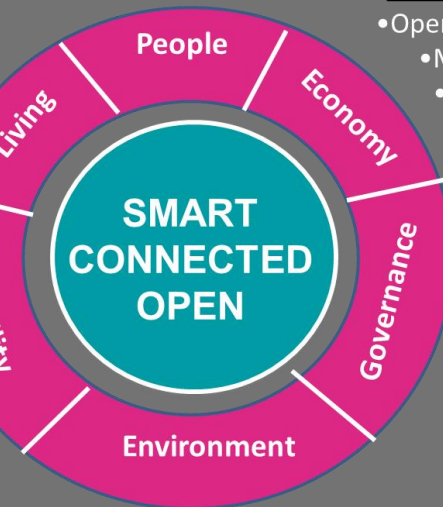
- Open participation
- Campus platforms
- Service design



- Life sciences and wellness
- Creative ecosystem
- Safe and accessible



- ITS Factory
- Interactive and citizen oriented ecosystem
- Electric mobility



- Open Innovation platforms
 - Manufacturing and IoT
 - International business



- Open data
- Innovative procurement
- Electric services



- Eco-efficient urban planning
- Cleantech and energy
- City development platforms

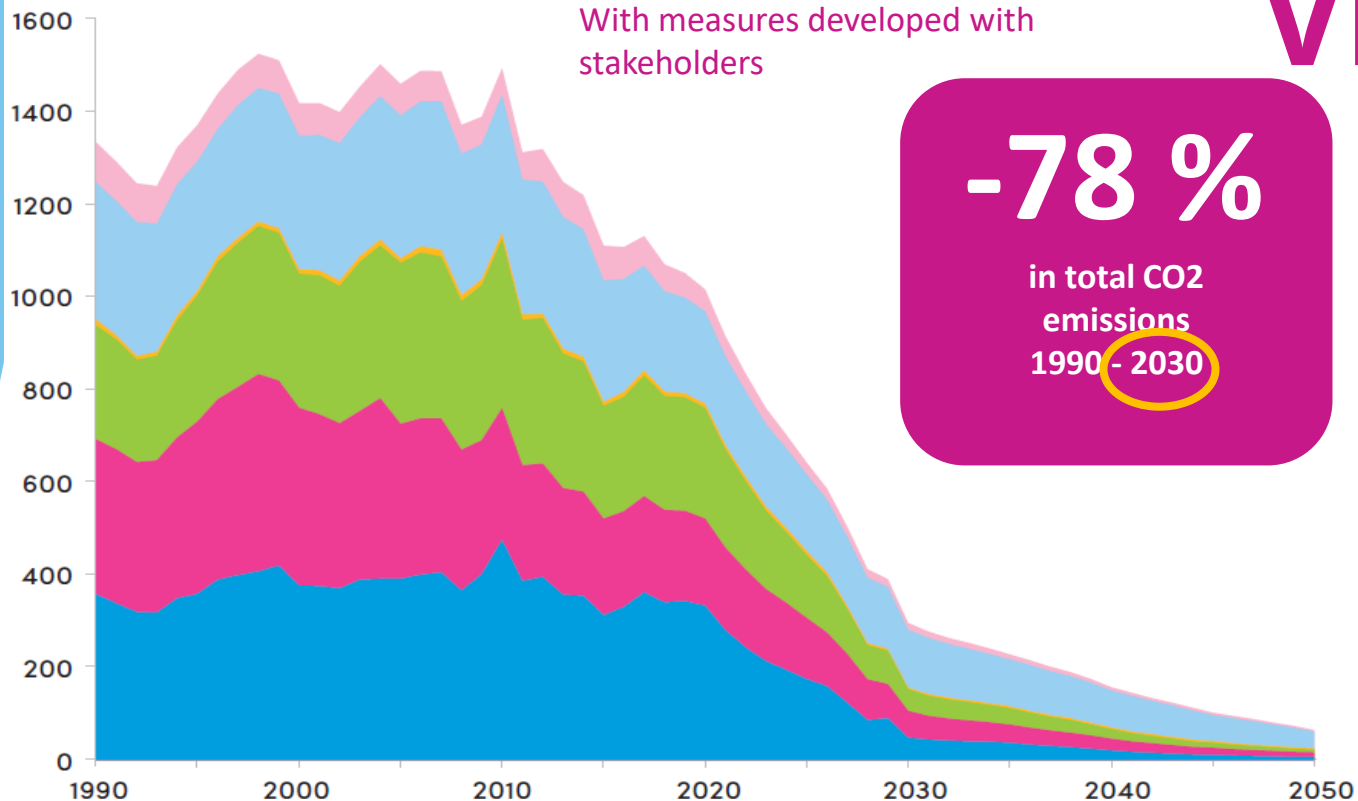
Smart Tampere

Grow.

Smart.
Together.

Tampere Climate Vision

1000 tonnia CO₂-ekv





Thank you