



TORINO SMART CITY

the city where the future arises

18th June 2014



THE CONTEXT: the City of Torino



POPULATION:

Torino: **902.000**
Foreign residents: **115.800**
University students: **91.316**
Metropolitan region: **1.790.000**



ECONOMIC INDICATORS:

GDP of the Province: **58.950 million Euros** (4,3% of nat.)
Firms (city): **114.500**
Unemployment: **6,5%**

CULTURE AND LEISURE FACILITIES:

Playgrounds: **262**
Sport facilities: **200**
Museums: **44**
Public libraries: **17**

MUNICIPALITY:

Budget: **1332 million Euros**
Employees: **12.243**



CITY SURFACE:

City area: **130 km²**
Green areas extension: **18,4 km²**
Trees: **160.000**
Cycle tracks: **160 km**



THE CONTEXT: the City of Torino



HISTORICAL INFORMATION

Torino was founded by the Romans in 28 b.C.



Torino became in 1563 **Capital of the Savoy Kingdom.**



In **1861** Torino was the **First Capital of Unified Italy.**

In the **XX century** the city was the **industrial engine of Italy** experiencing a strong economic and demographic development.



THE CONTEXT: the City of Torino



THE 90'S: A NEW POSITIVE DEAL

After a period of **industrial decline**, it started a process of **deep change**:

- urban **transformation** and **regeneration**, new **infrastructures**,
- transition from one **company town** to a **pole of innovation**, design, information technology, high education, culture, quality of life.

THE MILESTONES:

- 1995 Town Master Plan
- 2000 First Strategic Plan
- 2006 Winter Olympics
- 2006 Second Strategic Plan

INVESTMENTS OF 8 BILLION €



THE CONTEXT: European Union



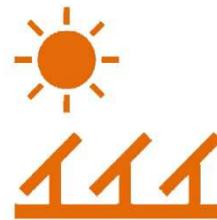
2009 **CLIMATE ENERGY PACKAGE**, remembered with the slogan **20/20/20**: outlined the **strategy in the field of energy and environment** to achieve ambitious targets related to sustainability **by 2020**.



-20%

gas emissions

Reduction in EU greenhouse gas emissions from 1990 levels



+20%

renewable resources

Raising the share of EU energy consumption produced from renewable resources



+20%

energy efficiency

Improvement in the EU's energy efficiency



ENVIRONMENTAL POLICY OF THE CITY OF TORINO



ENVIRONMENTAL SUSTAINABILITY and **RENEWABLE ENERGIES**,
in collaboration with other Italian and European cities.

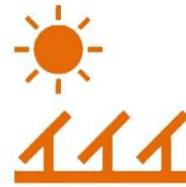
PRIORITY AREAS FOR IMPLEMENTATION:



public and private
building



energy
efficiency



renewable
energies



mobility and
transport



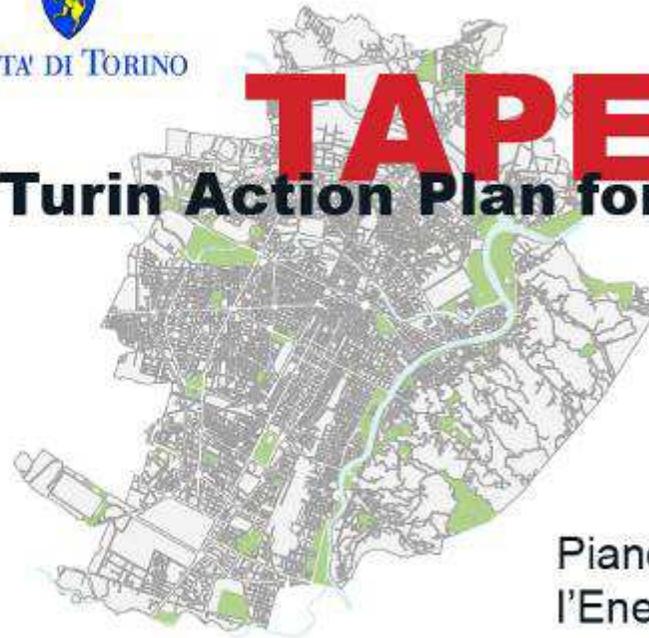
good
practices



COVENANT OF MAYORS



TAPE Turin Action Plan for Energy



Piano d'Azione per
l'Energia Sostenibile



TAPE Turin Action Plan for Energy



THE TAPE WILL MEAN FOR TORINO
-41.90% OF CO2 BY 2020

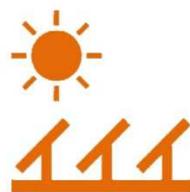


LOWER COSTS - 787millions € per year

ACTING ON:



energy
efficiency



renewable
energies



communication
and promotion



TAPE Turin Action Plan for Energy



ACTION PLAN COMPOSED OF 51 SHARES

MAIN AREAS OF ACTION:



ENERGY



MOBILITY



TOWN
REGENERATION



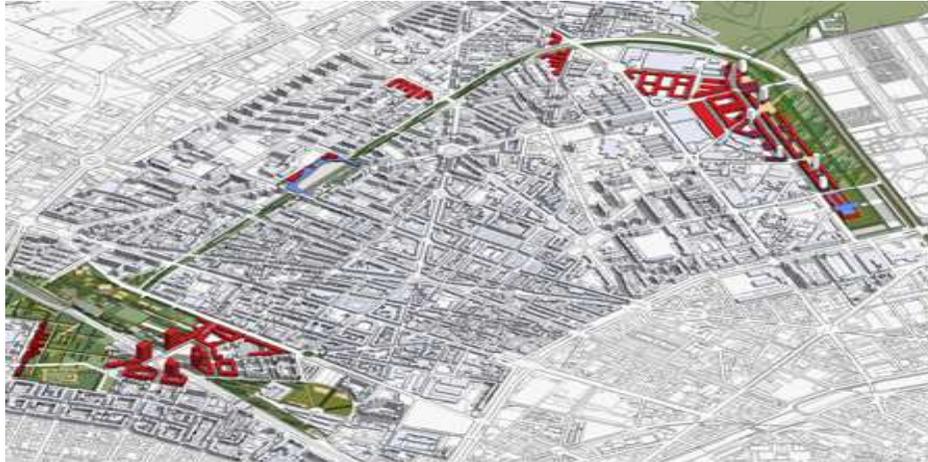
ENERGY



MOBILITY



TOWN REGENERATION



VARIANTE 200 – ECO DISTRICT



Parco Ighetti Falchera



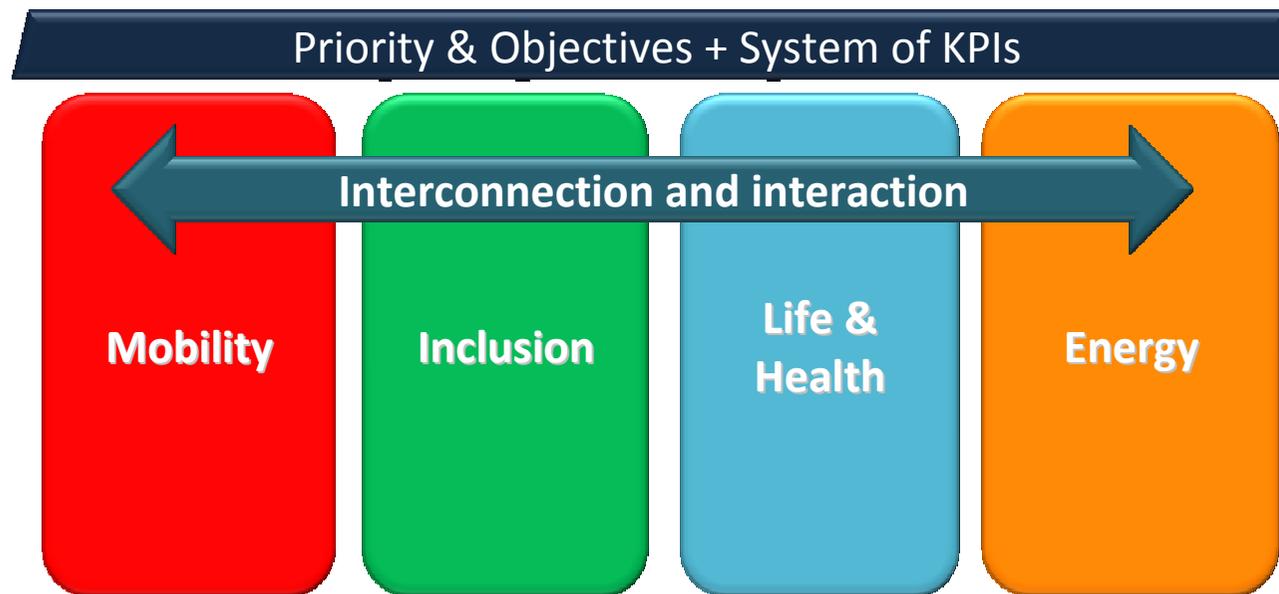
City plan - FALCHERA





THE KEY COMPONENTS

4 VERTICAL DOMAINS where the city expresses a clear value





WHO WAS INVOLVED

■ 66 Subjects

- » 28 Companies
- » 5 Centre of Research
- » 23 Institutions
- » 10 Associations No Profit

■ More than 350 participants

■ City of Torino

- » 77 persons
- » 55 persons directly involved in the workgroups





WHAT HAS EMERGED

45 ACTIONS PROPOSED:

- » **7 Transverse** (data, KPI, infrastructures, communication)
- » **7 Mobility** (infomobility, sustainable mobility, last mile/freight logistic)
- » **9 Inclusion** (digitalization, emergency housing, social innovation, social participation)
- » **12 Life&Health** (security, waste management, urban regeneration, tourism and culture, food,...)
- » **10 Energy** (zero energy buildings, smart grid, public lightning)





Thanks for your attention!

Enzo Lavolta

City of Torino – Councillor

Policies for Innovation and Development, Public Works, Environment,
Urban Green and Sanitation

President of Torino Smart City Foundation

segreteria.assessorelavolta@comune.torino.it

