

Sustainable mobility

Waste management

# Savigliano in numbers

Territory and population

Urban green areas

Energetic independence

Culture



connected investment



## TERRITORY AND POPULATION

Main information

|                               |   |
|-------------------------------|---|
| <b>Area</b>                   | 110 km <sup>2</sup>   |
| <b>Population</b>             | 21,182 (9.1% foreigners)  |
| <b>Density</b>                | 192.56 hab./km <sup>2</sup>   |
| <b>Altitude</b>               | 321 M.S.L.  |
| <b>Farmlands partitioning</b> | Horticultural 1% (194,5 ha) Arboreal (496,07 ha) 2%<br>Fruit 2% (450,12 ha) Arable (18232,60 ha) 94,9%<br>Floricultural 0,1% (2,45 ha) <b>TOT. 19,375.74 ha</b> |

## URBAN GREEN AREAS

Main information

|  | 2012   | 2001                             | Increase rate |
|--|--|----------------------------------|---------------|
| <b>Green areas</b>   | 280,000 m <sup>2</sup><br>(8% of the urban area)   | 240,000 m <sup>2</sup>           | +16%          |
| <b>Registered trees</b>  | 9,400  | 6,450                            | +45%          |
| <b>Footpaths / cyclepaths along the river</b>                        | 15 km<br><ul style="list-style-type: none"> <li>• F. Pacifico, Northern area: 4,7 km</li> <li>• B. Tortone, Southern area: 9 km</li> <li>• <i>dei Mosaici</i>, urban centre: 1,5 km</li> </ul> | 10 km                            | +33%          |
| <b>Stability control through instrumental VTA and VTA analysis</b>   | 3,610<br>(approximately 300/year double-check included)  | 1,200<br>(approximately 50/year) | -             |
| <b>Fight against horse-chestnut leaf miner (Cameraria ohridella)</b> | Endotherapeutic treatment: 120 trees   | -                                | -             |

|  | 2012                            | 2001                       | Increase rate |
|--|---------------------------------|----------------------------|---------------|
| <b>Fight against Ceratocystis fimbriata</b>  | Yearly monitoring: 717 Platanos | -                          | -             |
| <b>Planted trees</b>   | Over 250 / year                 | 120 / year (approximately) | n.a.          |
| <b>Current expenditure for public space maintenance</b><br>(78% in outsourcing 22% in-house) | 380,000 €                       | 260,000 €                  | 46%           |

### Comments

The whole public space management is checked by a software that allows to include all the registered trees, with their pruning dates, treatments and VTA (Visual Tree Assessment) analysis, in the Tree Register. In collaboration with the City of Turin, the species which can more easily adapt to living in the town have been selected. Along the river, there is a path equipped with picnic areas and cycle-paths, divided into three parts, characterized by different names. All the smaller streams, including former quarries converted into lakes and parks, have been registered, in order to provide better management in case of meteorological emergency. Through the conservation of some green corridors which interact with the above mentioned paths, secondary natural foot and cycle paths known as the "*Sentieri del Buon Cammino*", that offer cultural and artistic characteristics.



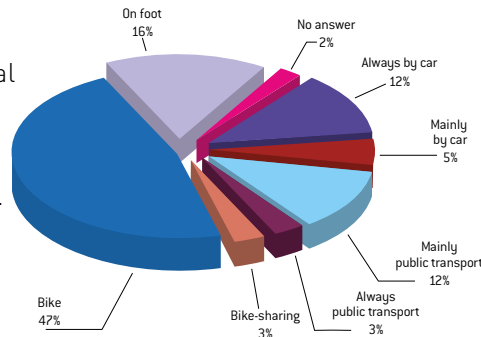
## SUSTAINABLE MOBILITY

Main information

|   | 2012   | 2001   | Increase rate                               |
|---|--|--------|---|
| <b>Urban cycle lanes</b><br>(independent from streets and equipped with road signs) | 7.5 km   | 2.5 km | +200%                                       |
| <b>Euro III Limited traffic areas</b><br>(for Euro 3 cars)                          | 20 km  | -      | 20% of downtown streets                     |
| <b>"Areas 30"</b><br>(30 km speed limit areas)                                      | 56 km  | -      | 49% of downtown streets                     |
| <b>Free public transport</b><br>(2 buses with 20 minutes frequency)                 | km/year: 50,000<br>passengers/year: 60,000   | -      | All areas are connected by public transport |
| <b>Bike sharing</b><br>(with regional public transport card "B.I.P.")               | Bike stations: 14<br>Automated rental facilities: 104<br>Bikes: 40<br>Daily use: 300 | -      | -   |

### Comments

The ratio of bike rental facilities/citizen is among the highest in Europe (about one every 200 inhabitants). The Pedibus service involves over 180 children in primary schools.



## WASTE MANAGEMENT

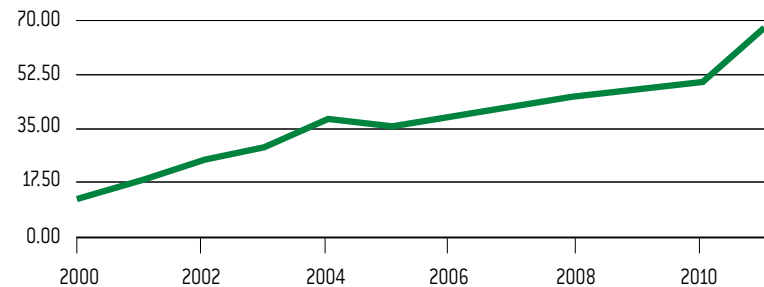
Main information

|  | 2012                                      | 2001        | Increase rate |
|--|---|-------------|---------------|
| <b>Waste sorting</b>                             | 67,4%                                     | 18%         | +274%         |
| <b>People using "door to door" waste sorting</b> | 8,200 household users<br>1.600 businesses | -           | n.a.          |
| <b>Household composting</b>                      | 12,000 users                              | 2,500 users | +380%         |

### Comments

A company composed of 54 municipalites is responsible for the Waste management. A "door to door" waste sorting system was started in 2010. In 2001 waste sorting included only paper, plastic, aluminium and second-hand clothes. Since 2012, waste sorting also started to include diapers, green wastes, WEEE (Waste Electrical and Electronic Equipment), Tetra Pak packaging, expired drugs, exhausted oil and batteries as well as iron, wood and aggregate materials which are taken to a special facility (tip). The undifferentiated MSW (Municipal Solid Waste) is transformed into (FFW)Fuel from Waste by means of a special structure, before being taken to the landfill where it will be transformed into biogas through an energy recovery process. Organic waste is transformed into compost and it is retrievable by the users for free.

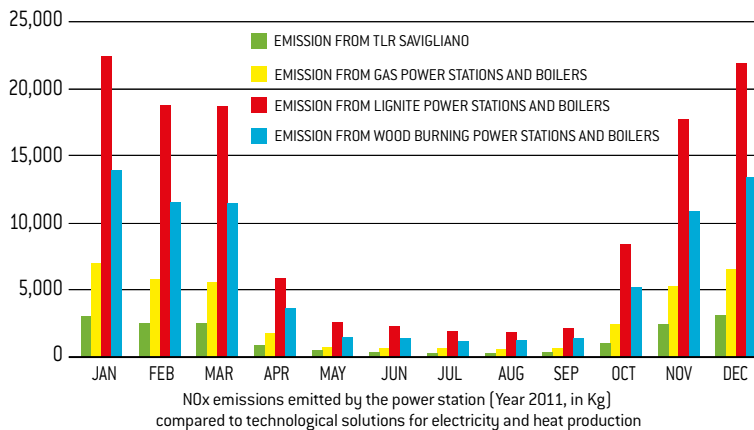
### WASTE SORTING SYSTEM



## ENERGY INDEPENDENCE

Main information

|  | 2012   | 2001 | Increase rate |
|--|--|------|---------------|
| <b>Photovoltaic</b>  | <b>Public:</b> 3 structures, 600 kWh, including one photovoltaic parking area<br><b>Private:</b> 260, 1000 kWh | -    | n.a.          |
| <b>Facilities producing Biogas from sewage and agricultural wastes</b> | 2 completed and functioning,<br>2 in construction,<br>1 in planning stage<br>Total capacity: 3,6 GWh           | -    | n.a.          |
| <b>District heating plant</b>  | Methane cogeneration producing 42 GWh<br>Double piping for 18 km<br>Number of consumptions. 225 (25 publics)   | -    | n.a.          |



### Comments

The cogeneration plant allows the decrease of NOx emissions by 50%, reducing consumption costs by 20% and avoiding the use of over 200 oil boilers. Management of local illumination is matter of tender for 20 years. The winner of the tender will have to modernize the whole system as by law and install technologic devices in order to reduce electricity consumption by at least 20%. In Savigliano there is a constant monitoring of the electromagnetic pollution.

## CULTURE AND CONNECTED INVESTMENTS

Main information

|  | 2012   | 2001 | Increase rate |
|--|--|------|---------------|
| <b>Active associations</b>                             | 90 divided into:<br>30 cultural<br>32 sport<br>25 social<br>3 enviromental   | -    | n.a.          |
| <b>Investments in public buildings (last 10 years)</b> | € 21 million<br>the most important being: <ul style="list-style-type: none"> <li>• University € 8.4 mil.</li> <li>• Milanollo Theatre € 2.1 mil.</li> <li>• Misericordia Curch € 2.6 mil.</li> <li>• Muratori Cravetta Palace € 2.6 mil. (in progress)</li> <li>• Cyclo Territorio € 0.3 mil. (in progress)</li> <li>• Jardins Des Alpes Projects € 0.25 mil.</li> </ul> | -    | n.a.          |

### Comments

The necessary funds to cover the above mentioned projects have been obtained through regional, private and European funding. The local administration has invested public resources to secure and realize entrance to the town with roundabouts embellished with flowers and conserving the original boulevards with Plane-trees, Horse-chestnuts, Linden trees and hedges.