

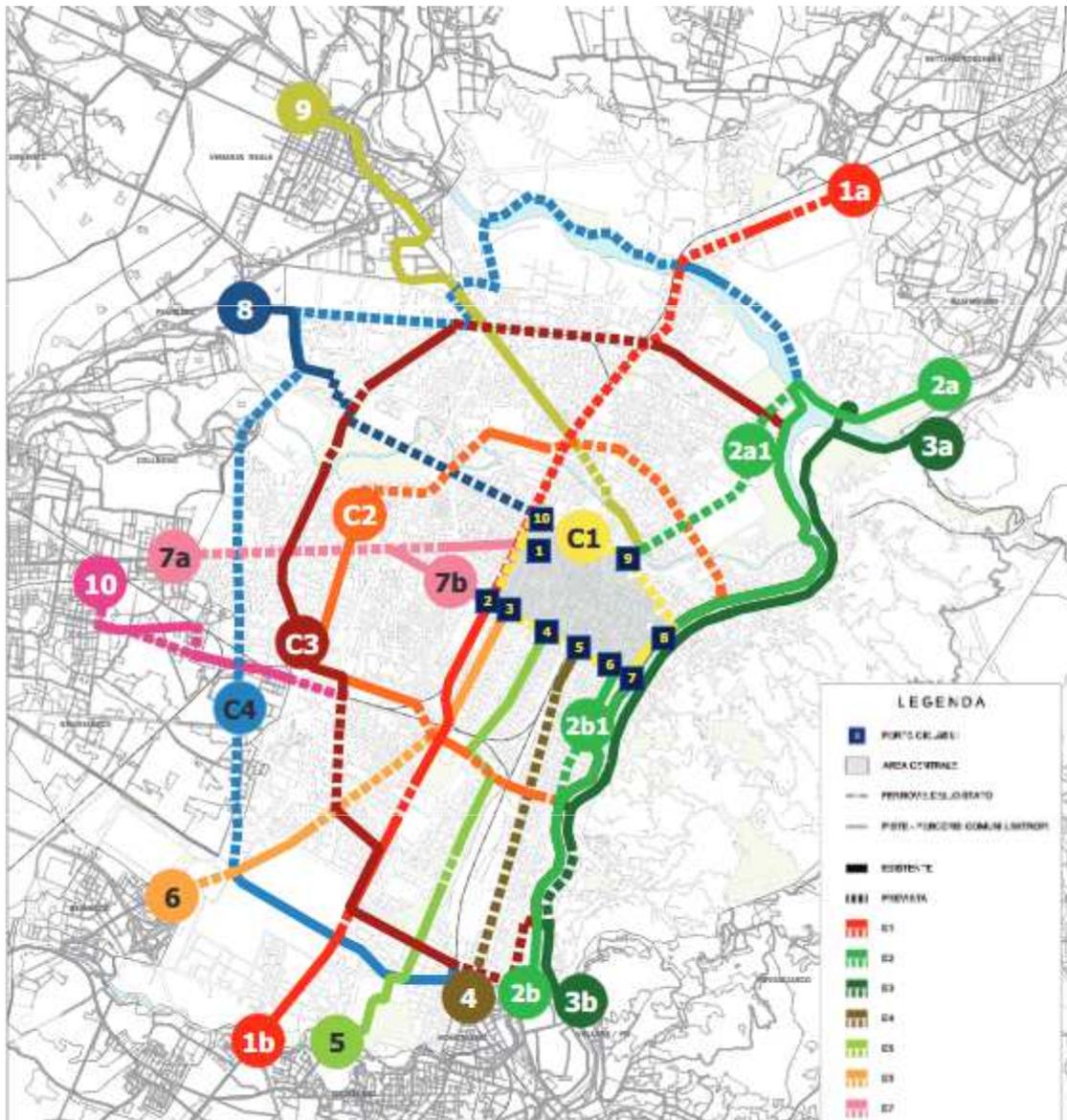
Towards a more active mobility system in Turin

Assessorato Viabilità, Infrastrutture, Trasporti, Mobilità - Direzione Infrastrutture e Trasporti



THE CIVITAS INITIATIVE
IS CO-FINANCED BY THE
EUROPEAN UNION

History of Turin's cycling mobility in a nutshell



Bicycle Plan approved in 2013

**Target in 10 years:
from 3% to 15% cycling modal split**

10 main bicycle corridors from the city centre to the suburban area

4 circular ways collector and distributor function for different origins/destinations

And now...in which direction are we going?

Active mobility to deal with COVID-19

ACTIONS UNDERTAKEN BY THE CITY

Guidelines on mobility and public space management

- Emergency bicycle network, service lanes turned into 20 km/h
- Traffic Law changes, thanks to the support of the Italian Association of Municipalities
- Future Cycling intervention Plan
- Completion of protected cycle paths (Via Nizza, Corso Vercelli, Piazza Statuto)

Interventions on pedestrian areas

- Car free schools
- Torino Mobility Lab experimentations financed by Ministry of the Environment



CYCLING DATA

230 Km existing cycling paths

When the works will be completed...

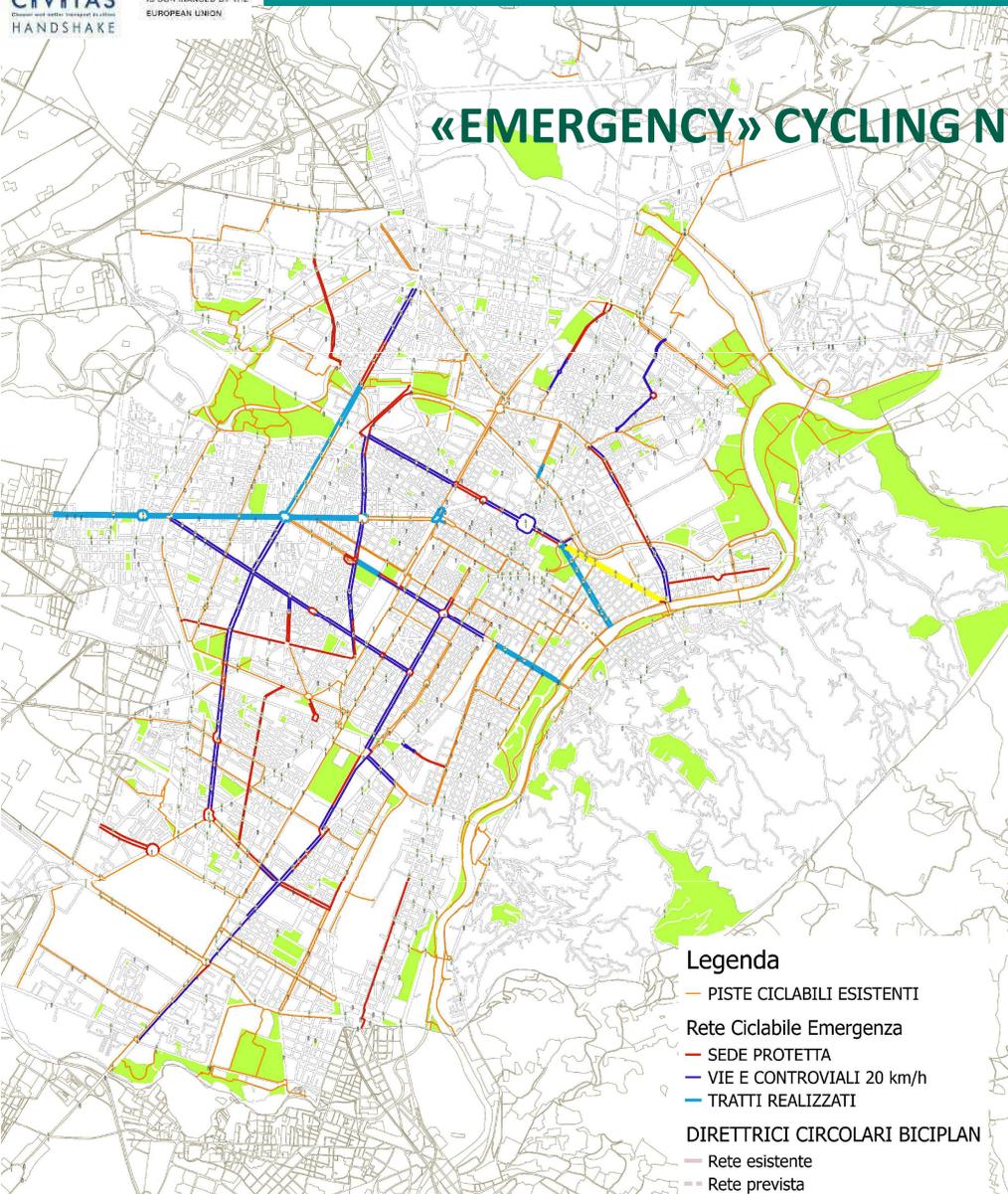
50 Km service lanes 20 km/h

30 Km new protected bike lanes

16 Km redeveloped bike lanes

Active mobility to deal with COVID-19

«EMERGENCY» CYCLING NETWORK: 20 km/h service lanes



20 Km under development (Corso Francia, Corso Vittorio Emanuele II)

30 Km in the design phase

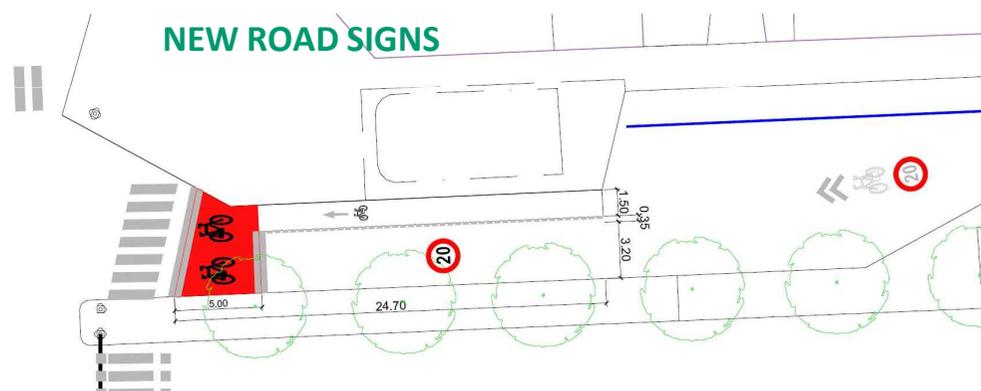
Recently introduced in the traffic legislation:

«bike box»

«bike lane»

«shared service lanes»

NEW ROAD SIGNS



Active mobility to deal with COVID-19

Recent solutions introduced in the traffic legislation

«BIKE BOX»



«BIKE LANE»



«SHARED SERVICE LANE» ROAD WITH CYCLING PRIORITY



Active mobility to deal with COVID-19

CYCLING NETWORK

Future interventions planned

New protected cycling infrastructures
connecting with Turin Metropolitan area

Service lanes 20 km/h

Maintenance of existing corridors

Completion of connecting sections between paths

Safer crossings

DATA

16 Km MAINTENANCE

30 Km NEW CYCLING
INFRASTRUCTURES AND
COMPLETION

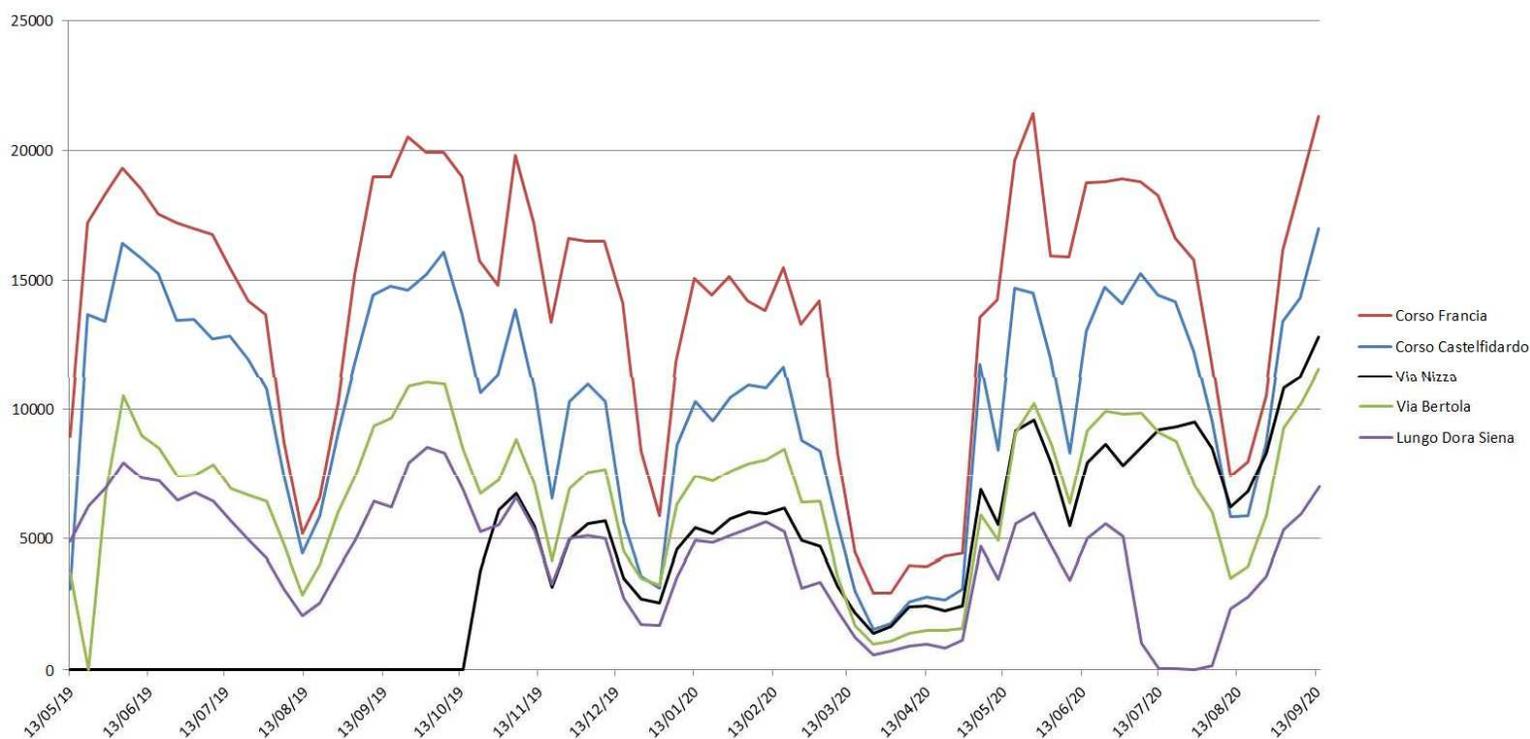
30 Km SERVICE LANES
20KM/H



Active mobility to deal with COVID-19

CYCLING NETWORK

WEEKLY BICYCLE FLOWS MONITORED BY FIXED SENSORS
Data collection on 5 main axes



DATA

Week 14 - 20 september

n. cyclists	main axes
17.000	CASTELFIDARDO
21.300	FRANCIA
12.850	NIZZA
11.600	BERTOLA
7.000	LUNGO DORA

TREND IS INCREASING

69.750 bicycle trips per week

Active mobility to deal with COVID-19

CYCLING COMPLETION

VIA NIZZA

Financed by PON METRO «Piano Operativo Nazionale»

Trajectory n° 4 of Bicycle Plan

- Completed project

Future extension towards the south of the city.

Peak of bike trips **4.662** (on 17 Nov20)



DATA

2,3 Km. for travel direction

1,2 Km. two-way direction

DESIGN FEATURES

50.000 mq. redeveloped area

8.000 mq. sidewalks redeveloped

5.000 mq. new sidewalks

1 km tree-line avenue – **80** new trees

Removal of architectural barriers

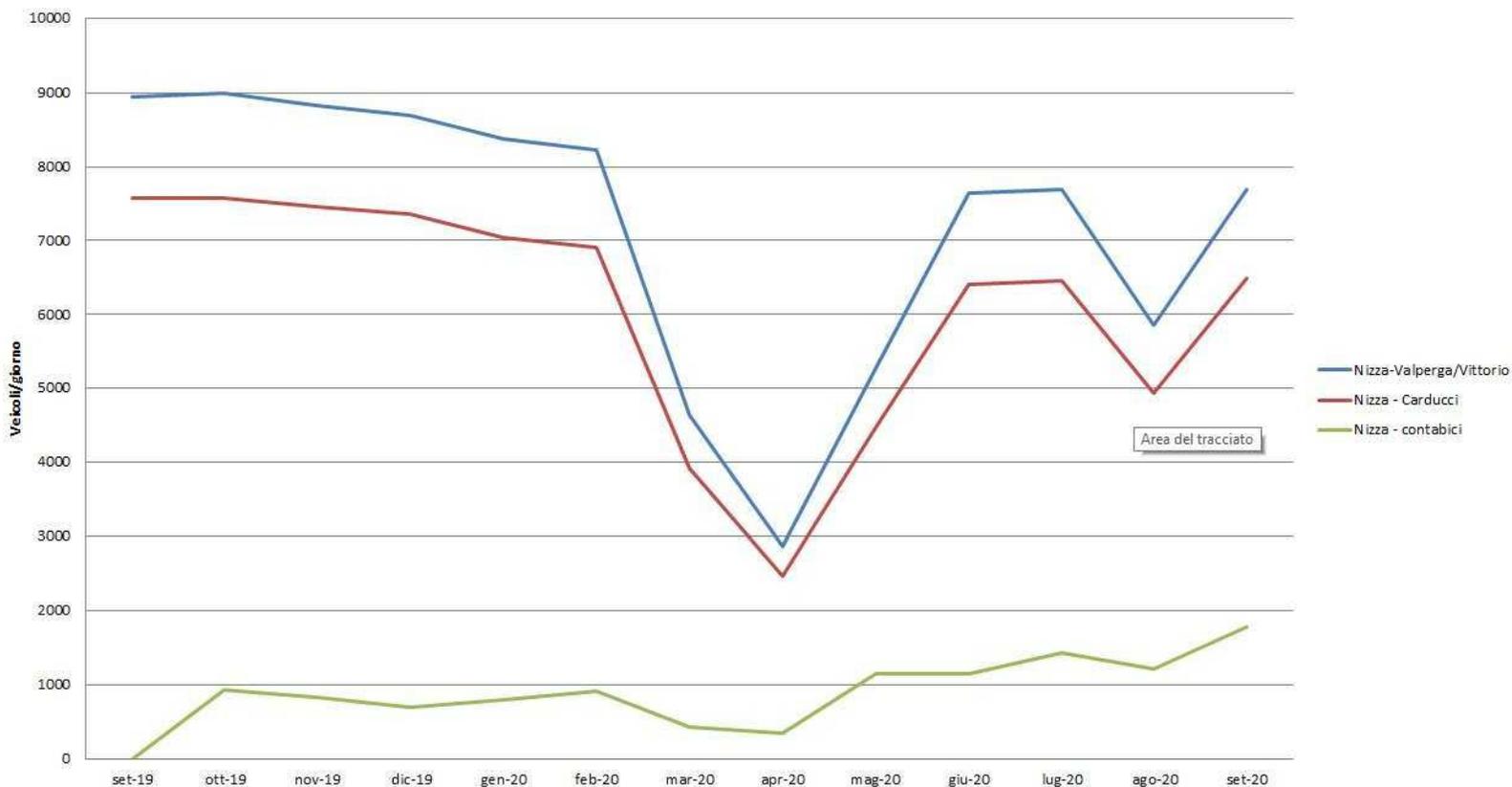
Sound traffic lights

Active mobility to deal with COVID-19

CYCLING COMPLETION

Via NIZZA

Via Nizza
Confronto flussi di traffico bici/auto giorno feriale medio



COMPARISON BIKE/ CAR trips Average working day

7.700 cars (Corso Vittorio – Valperga)

6.500 cars (Valperga - Carducci)

INCREASING TREND

1.790 bicycles

Active mobility to deal with COVID-19

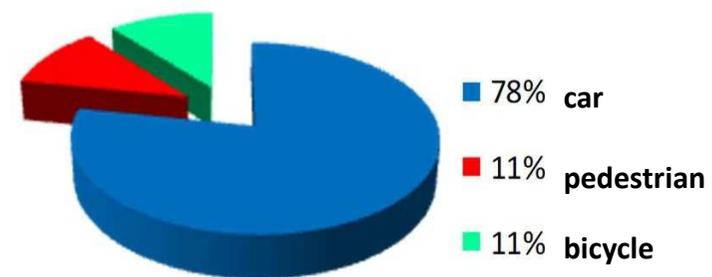
CYCLING COMPLETION

VIA NIZZA

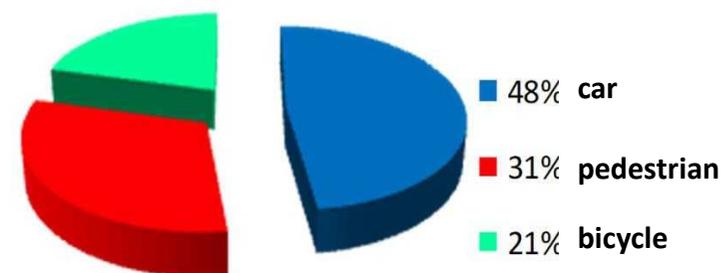
Redistribution of road space



Public space - before



Public space - after



Active mobility to deal with COVID-19

Development of pedestrian areas

Temporary pedestrian areas requested
by associations, traders, citizens

More public spaces also aimed at distancing
and health prevention

To evaluate which ones will be permanent



DATA ABOUT PEDESTRIAN STREETS

Circoscrizione 1

San Francesco da Paola (v. Po – v. Ambrois)

Via Vasco

Via Ambrois (v. Accademia – v. S. Francesco da Paola)

Circoscrizione 4

Via Musinè (v. Rivara – v. Corio)

Circoscrizione 5

Via Vibò (v. Chiesa della Salute – v. Bibiana)

Circoscrizione 7

Via Mameli

Via Lanino

Via Borgo Dora (v. Andreis – v. Mameli)

Via Andreis (interno 18)

Circoscrizione 8

Corso Marconi (contr. sud Madama Cristina- Ormea)
(centrale Madama Cristina- c. Massimo)

Via Principe Tommaso (v. Silvio Pellico – v. Baretti)

Active mobility to deal with COVID-19

PROJECTS IN PROGRESS

TEMPORARY PEDESTRIAN AREAS

Pedestrian areas experimentations

11 streets made pedestrian until December 2020

TORINO MOBILITY LAB in San Salvario neighborhood

"National experimental program on sustainable mobility home-school homework"

More space for **pedestrian, car free schools, green areas, co-design**

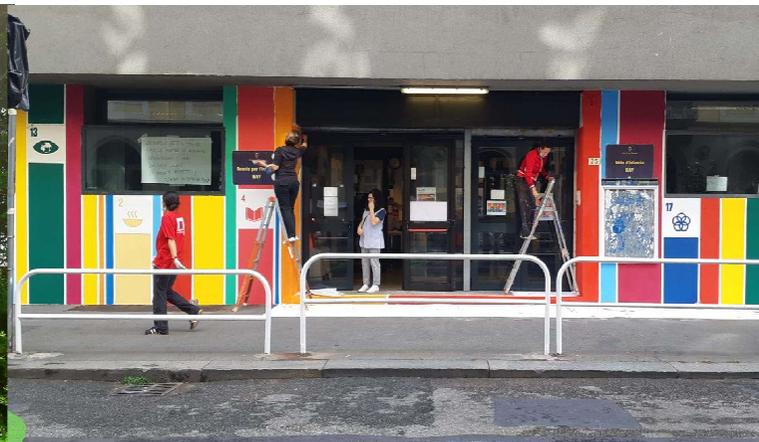
In-door bicycle parking at Porta Nuova train station

SCHOOLS

Changes in road signs to avoid car transit during entry and exit times

Car parking removal in front of schools

Widening of sidewalks



Active mobility and walkability

COMPLETED PROJECTS

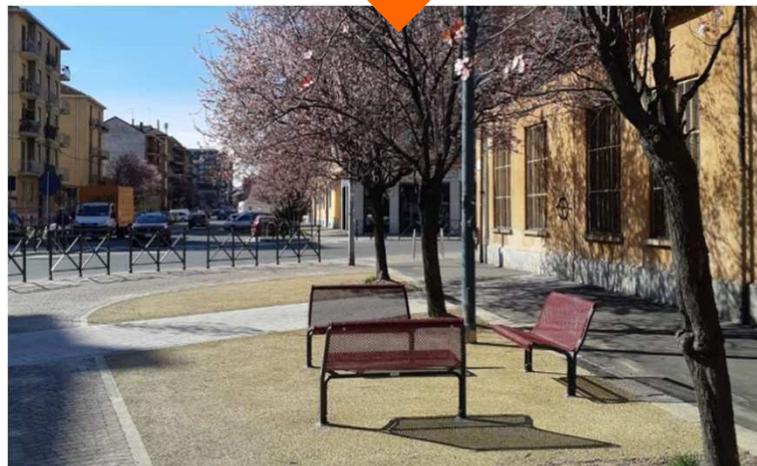
Widening of sidewalks in front of schools

AxTO and URBAN 3 projects

Widespread redevelopment of public space and sidewalks around 10 municipal schools



AxTO via Cardinal Massaia



URBAN 3 Pestalozzi school in Barriera di Milano neighborhood



Active mobility and walkability

PROJECTS IN PROGRESS

VALDOCCO LIVABLE SPACE

Experimental urban redevelopment projects

Expansion of green areas to increase soil permeability - compensation of rainwater runoff to mitigate extreme weather events

New pedestrian areas



VANCHIGLIA 20/30 ZONE

Traffic calming measures

New road humps, chicanes and neighbourhood entrances.

Car free schools

Pedestrian areas



PIAZZA CARDUCCI

Redevelopment of public space and implementation of wider pedestrian areas.

Urban greenery





To be continued!

Arch. Maria Teresa Massa, Cycling Project Manager
Dr. Marina Fochi, urban planner

Città di Torino
Divisione Infrastrutture e Mobilità