



Via Verbano is the main road access to the town centre, for those who reach Novara through S.S. 32 of Sempione coming from North. This way crosses the ancient centre of the district of Veveri, and it reaches corso della Vittoria, one of main roads of Novara.

Problems connected with the project's area:

- trucks transit;
- public transport transit;
- lack of parking;
- lack of public areas and cycle- pedestrian tracks
- cars' dedicated accesses on via Verbano, via Cameri and via Guido Rossa;
- presence of some bottlenecks caused from buildings

The project finds a solution to these problems, improving the road safety and the life's quality of the inhabitants of Veveri.

Project's Actions:

- "Ring Road of Veveri" realization – the shift of trucks transit from centre to outside of the built-up area, by the transformation of via Cameri and via Guido Rossa in double-way roads (today they are one-way), and by the building of three new traffic circle aiming to put in safety their intersections.
- "Built-up area of Veveri regeneration" – the transformation of via Verbano , from via Cameri to corso della Vittoria, in a local traffic area, with speed limit of 30 km/h.

Measures adopted in order to limit the risks and to reduce speed :

- introduction of traffic circles in the main cross-roads;
- introduction of a central third lane;
- building of protect cycle-pedestrian crossings;
- introduction of differentiated lighting for pedestrian crossing;
- 30 km/h area - reduction of spaces for the vehicles and increasing of the space for cycle-pedestrian tracks;
- 30 km/h area - execution of works of paving, street furniture, lighting system and creation of green areas;



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- 30 km/h area- elimination of the architectural barriers.

Executing works:

a) "Ring Road of Veveri"

- modification of the cross-roads of via Verbano, via Cameri, via Tricotti by the building of a compact traffic circle with 13 m of radius and road ring of 9 m; the central traffic island of 4m of radius (3 m of these can be exceed from the tyres), and cycle-pedestrian crossings protect by traffic islands. Despite the small space from the existing buildings, these mini-traffic circle passed the traffic loads check.
- modification of the cross-road of via Cameri, via Guido Rossa by building of a traffic circle of 18,5 m of radius and road ring of 9 m, the central traffic island of 9,5 m of radius (1,5 m of these can be exceed from the tyres), and cycle-pedestrian crossings protect by traffic islands.
- modification of the cross-road of via Guido Rossa, via Verbano by building of a traffic circle of 22,5 m of radius and road ring of 9 m, the central traffic island of 13,5 m of radius (1,5 m of these can be exceed from the tyres), and cycle-pedestrian crossings protect by traffic islands.
- modification of the cross-road of via Guido Rossa with via Buslacchi by central third lane creation aiming to put in safety the left turn; this was made possible by the enlargement of the road section using public areas.
- putting in safety of the bus stop of via Guido Rossa, used from the staff of the factories, by the execution of an appropriate area of stop outside the carriageway.
- execution of protected cycle-pedestrian crossings near to cross-roads, by traffic islands and a sound painting of carriageway.

b) Regeneration of Veveri district

- building of humps for slowing down speed, at the beginning and at the end of the built-up area, making of green areas and laying of trees, to show the start of 30 km/h area;
- reduction of the section street of via Verbano and enlargement of pavements, with furnished parking areas outside the carriageway, with the creation of one-way cycle track, separated from the carriageway (opposite side to the direction of the vehicles);
- characterization of the public areas of via Verbano with paving in color blocks of concrete mixed with stone,



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Veveri district: regeneration add road safety

new street furniture and green areas; the street pavings are in color blocks of photo-catalytic concrete and in photo-catalytic asphalt, with the sunlight these oxidize one series of substances: PM10; nitrogen oxides and dioxides; aromatic polycondensates; benzene; carbon oxide. This process transforms them in composed not toxic as nitrates, carbonates or sulfates.

- transformation of via Vignale in a one-way street and building of pavements close the ground, different for color and material from the carriageway;
- putting in safety of the buses' terminus of via Verbano by building of a sound stop area outside the carriageway.

Availability of the areas

The works will be realized in part on municipality areas, in part on areas of regional property and in part on the properties of two private companies.

The total of areas subjects to compulsory purchase for the common good comes to 2500 mq.

Sub project:
"RegeneratioNet" - "Πο3IT3"

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Veveri district: regeneration add road safety

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Year of political decision: 2003
Years of technical project: 2003 - 2006
Years of implementation: 2007 - in progress

PROJECT FUNDING

Autonomous initiative of the Municipality



Initiative induced by normative measures / economic incentives:

European
National
Regional



LEGISLATIVE REFERENCES



Sub project:
"RegeneratioNet" - "PO3IT3"

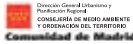
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REGIONE PIEMONTE



Comunidad de Madrid



Comune di Catania



Comune di Novara



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RegeneratioNet



INTERREG III C SOUTH
REGIONAL TRANSWORK OPERATION
PROGRESDEC
ESDP steps



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Veveri district: regeneration add road safety

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Piazza Martiri della Libertà

DIMENSIONS

DIMENSION OF THE AREA
18.875 mq

SIZE OF POPULATION
2090 inhabitants

BULK OF BUILDINGS INVOLVED

TYOLOGY

PHYSICAL INTERVENTION



transformation/demolition-reconstruction

- Construction of new infrastructures for the local viability
- Restoration of the urban area

preservation or restoration

SOCIAL / ECONOMIC MEASURE



Sub project:
"RegeneratioNet" - "PO3IT3"

NOVARA

Veveri district: regeneration add road safety

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PROJECT TOOLS

DESIGN TOOLS

- Preliminary analysis for the feasibility of the project
- Simulations of the viability changes
- Executive project

FINANCIAL TOOLS

- Loan Private Bank

OTHER TOOLS OF PUBLIC POLICIES



Sub project:
"RegeneratioNet" - "РозіТЗ"

NOVARA



Regione Siciliana



REGIONE PIEMONTE



Direzione Generale Interventi e Partecipazioni Regionali
CONSIGLIO REGIONALE DEL PIEMONTE
COMUNE DI NOVARA



Comune di Catania



Comune di Novara



Ayuntamiento de Navalcarnero



INTERREG IVC SOUTHERN
REGIONAL TRANSNATIONAL COOPERATION
PROGRESDEC
ESDP steps



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MAIN ACTORS AND THEIR FINANCIAL PARTICIPATION



(A) 100%

PUBLIC ACTORS

A) Municipality of Novara – 1,300.000

PRIVATE ACTORS

DIFFUSED ACTORS - OTHER SUBJECTS

EXPECTED / ACHIEVED RESULTS

PUBLIC BENEFITS

- Control of viability – Reduction of accidents
- Restoration of an urban area
- Enhance the quality of the urban context
- Creation of public areas for events and leisure

BENEFITS FOR THE PRIVATE SECTOR

- Improvements in commerce of the area