

Street Works



**Innovation
Coordination
Governance**

Bad Maintenance of Streets

A badly executed Public Work (street/asphalt) costs more than € 120 per m².



Traffic Jams caused by uncoordinated public works and temporary occupations

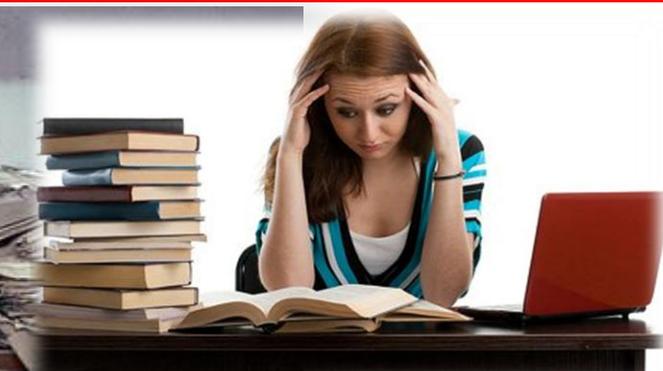
Street Works



Too much paper and burocracy

Many offices to visit

Street Works



Spend better and recover funds to improve the city

Street Works



An Italian City Council of 400.000 inhabitants could spend more than 6 millions euro per year of refunding

Street Works Actors

Street Works

Streets

**Infrastructure
MultiUtility Companies**

Mobility and Traffic

Environment

Taxes

Metro Police

Cultural Heritage

**Street
Works**

Coordination and
Authorisation System

**Real time
information for**

**Law Enforcement
Ambulances
Fire Brigades
Civil Defence**

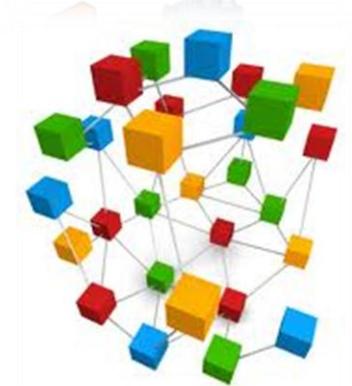
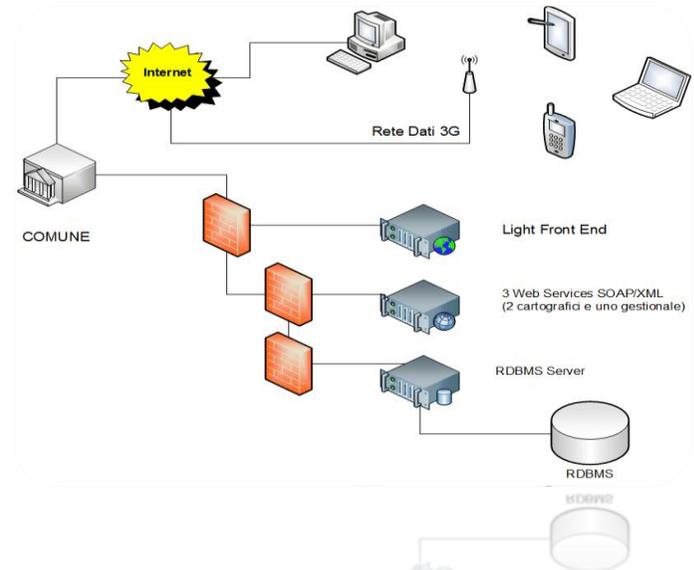
**Border City, County
and Laendern**

Project Features

Uses all map data of the City Council with no replication (Esri, MapInfo, Integraph, Autodesk etc.)

Modular approach: it is possible to start with some functions and borough of the City (pilot)

It is integrated with other software



Shared platform for city management

Street Works

Synchronised Map and Authorisations, no need of manual map updating

User friendly interface, every actor inserts his own data directly in the shared platform

Documentation (i.e. digging authorisations) available to all authenticated users



What the City Council does

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Validation and coordination of all inserted requests to avoid interferences and overlaps

Target

Have a better city management and quality of life



User requirements to present request

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Internet connection

Digital **S**ignature

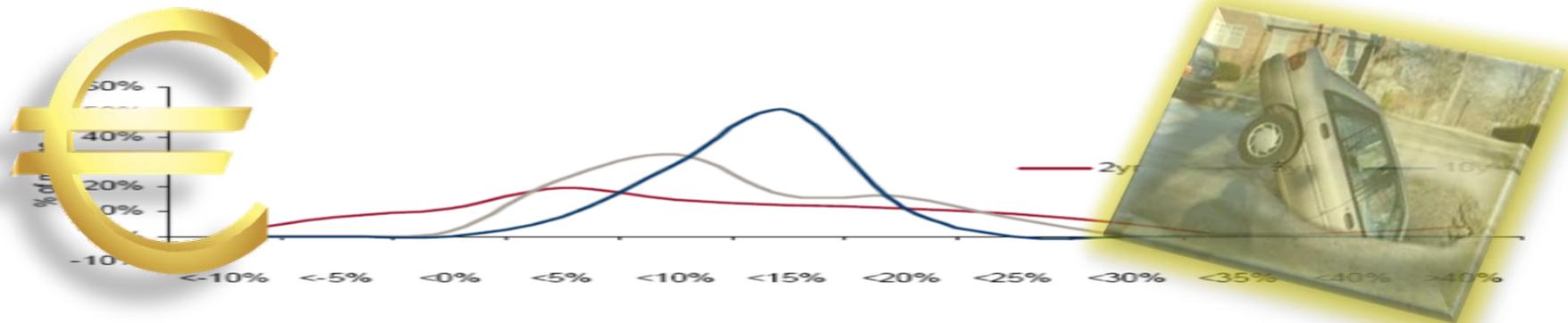
Target

Paperless complete procedure



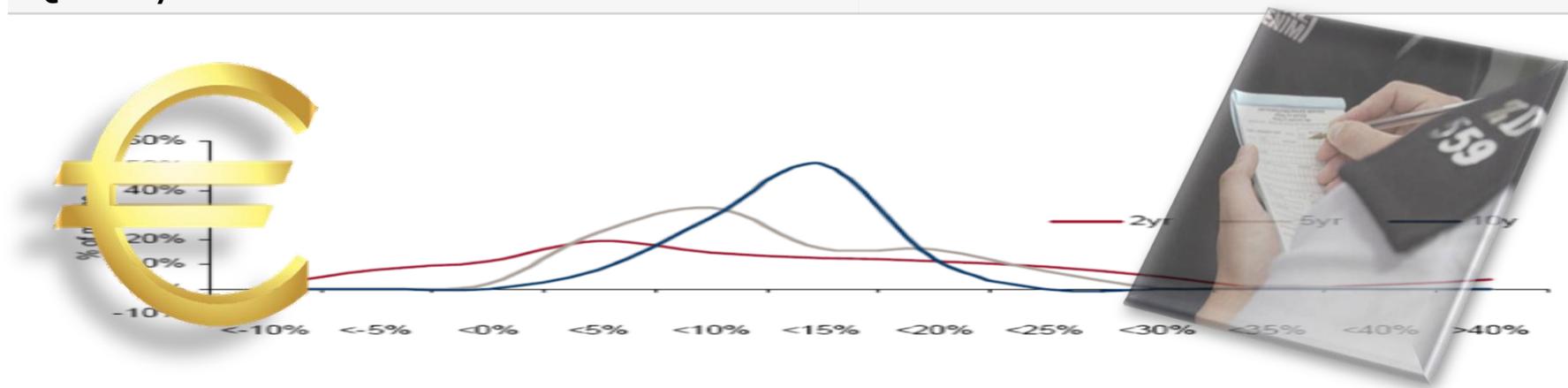
Expected results

Description	Income/Savings
Increased number of authorizations	From +15% to +26%
Occupation taxes	From +18% to +42%
Paper warehouse	From -93% to -100%
Potholes	From -30% to -57 %
Useless street resurfacings	From -22% to -35%



Expected Results

Description	Income/Savings
Fines for irregular application of authorization	+ 200%
Time dedicated to front office activities	-93%
Time dedicated to assistance	-88%
Data entry activity	-96%
Quality of territorial control	+ 400%



With this new organization model it is possible to

Street Works

Increase local taxes

Have a city planning

Decrease time to obtain a permit

Have a better service

Better political image



And also...

Longer streets life

Better quality of public works, scaffoldings etc.

Reduce mobility impact and traffic jams

Communicate to citizens daily City Council activity (in Italian City Council transparency)

Rea Time communication in all City Council departments and external actors (multiutility)

Comunicate to law enforcements and services (ambulances, fire brigades, civil defence etc.)



Italian City Councils

Street Works



Brescia



Milano



Firenze



Prato



Livorno



Massa



Rosignano Marittimo



Vicenza



Pordenone



Rho

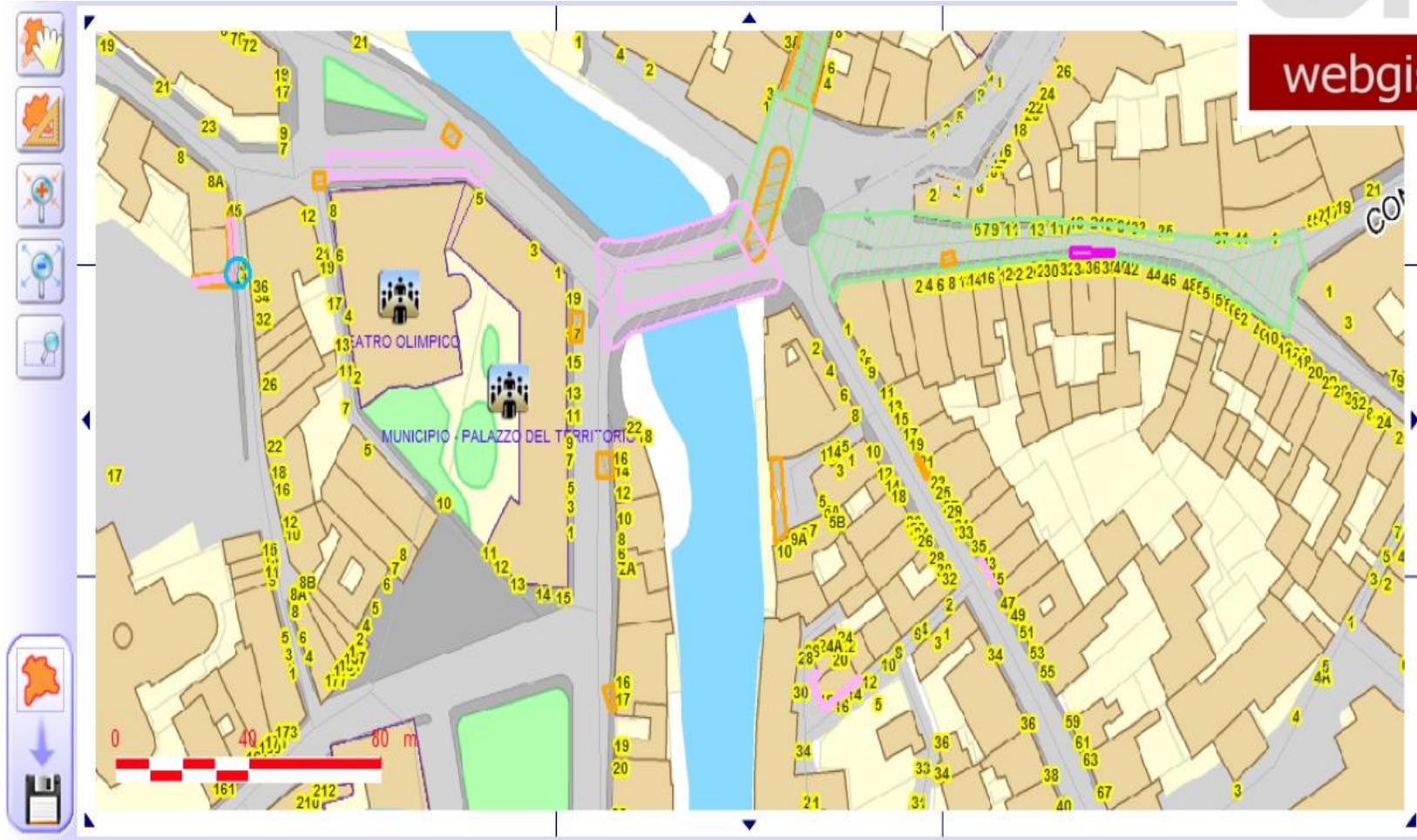


San Benedetto del Tronto



Castelfranco Veneto

Street Works



www.webgislab.org