STI Namur

“The first smart mobility system in Wallonia for the Citizens”
Mobility concept

Key challenges:

- Citizens
- Reducing traffic jam to the city center
- Maintaining transit traffic on the major routes
- Improving travel time
- Multimodality & public transport
- «Smart City» 1st city in Wallonia
- Traffic information collection around Namur
- Open data sharing
Field sensors

- Open to new technologies

17 Cameras CCTV
  - Video surveillance
  - Traffic visualisation

32 Cameras ANPR
  - Number plate screening
  - Travel time

6 Air quality sensor
  - Pollution measurements

27 Parking sensor
  - Available parking space information
Field sensors

- Installation:
  - Optical fibre connection SOFICO or wireless communication (4G, SIGFOX)
  - Electrical connection ORES or SPW
- Material
  - Mainly Belgian origin
Data treatment

Public Transport: Time table, waiting time...

Cameras CCTV

Congestion

Libia bike Station

Travel time (camera ANPR)

Parking lot occupation P+R

Air quality

Event

Car sharing

Electrical charging station

MACQ MOBILITY MANAGER

STI Namur - Conférence de presse
Data sharing

- Website
- Opendata
- Communication with Perex center
- Variable message signs (VMS)
- Bus time display board

Data sharing

05-04-19

STI Namur - Conférence de presse

www.routes.wallonie.be
M³ Platform- Data centralization

- M³ « smartcity » centralized management
- Data collection: parking lot places, Libia bike availability, traffic conditions, Google floating car data, Public transport waiting time
- Travel time computation, collection and analysis;
- Display of relevant information to road users on VMS (P+R, travel time, recommended itinerary…);
- Bus information sharing on display boards
Available information to citizens

- Website to share information to citizens:
  - Traffic conditions, travel time;
  - Bus waiting time: on website and bus stops;
  - Parking lot places;
  - Libia bike availability;
  - Citizen Blog.
General overview giving access to the various layers
Interactive road map using the mouse pointer
Traffic layer
Major highway
Major highway details
Active strategy view
Strategy change
Citizen homepage
Smartphone application
Geo-tracking, available services and travel time
Smartphone application - browsing in the *parking* menu

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*Q-PARK NAMUR LÉOPOLD*
Square Léopold 26, 5000 Namur
200m

**PLACES**
Places disponibles: 11 places
Total places: 560 places

**PRIX**
1 h. : 5,00 €
1 jour: 21,00 €
Multi-Pass 3 jours: 63,00 €
Within a year…

- STI implementation
- P+R future
- Alternative routes
- Bus priority roads
Thanks to the project:

- Access improvements to city center
- Suitable and fastest route computation
- Pollution reduction
- Promotion of multimodality
- Congestion and accidents tracking and information sharing
- P+R and city center parking lots availability
- Bus and Libia bike information sharing