Variable Message Signs (VMS)
on the Walloon motorways

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Wallonia : a region at the heart of Europe
3 categories of VMS

- **PRV**
  Traffic regulation VMS

- **PDV**
  Directional VMS

  ⇒ Have to comply with the road code

- **PMT**
  Text message signs
Strategy

Where

How to use

How to bring it

What to bring it
HOW TO BRING IT?

- ITS directive

**DIRECTIVE 2010/40/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 7 July 2010**

on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport
Implementation and use according to EasyWay Deployment guidelines
Traffic management measures

STUDY

PMT  PDV  PRV

TI

TMP
A602 (E25) in Liege: traffic management on urban motorway
A15 (E42) between Liege and Namur:

overtaking ban for HGV and dynamic speed limits
Information

- Text variable message signs (VMS)
COMBINATION OF MESSAGES

Maximizing the use of VMS by combining info, but the entire message should remain consistent:

- Causal relationship
- Spatial relationship
- At a choice point: information on the both routes if this info is mutual comparable
- Independant of language
From 2011: Mobile VMS
**Used for:**

- Unusual situations
- Partly foreseeable
- High impact on mobility
Technical characteristics:

Display of quality:
- pictogram 1M60 X 1M60 (80x80 pixels)
- 2 lines of text

- Specific technology for data transmission: 3G - GSM

- Power supply:
  - 2 batteries 12 v, with generator
  - 7 days autonomy

- Installed by local operation units but managed by the traffic centre
Management of HVG in special circumstances:

- Heavy snow falls (Plan Neige)
Management of HVG in special circumstances:

- Closing of the border
  => management of truck parking
Management of

-roadworks
- Plan Routes

-special events :
- GP Formula 1 in Francorchamps
- Tour de France,
- holiday departures
Future developments / pilot experiments:

- Automatic warning for queues
- Travel times by roadworks
- Speed control on roadworks