



9<sup>th</sup> ITS EUROPEAN CONGRESS  
Dublin, Ireland | 4-7 June 2013

# INTEGREEN

An approach for the  
assessment of environmental  
traffic management policies  
(TP 0027)



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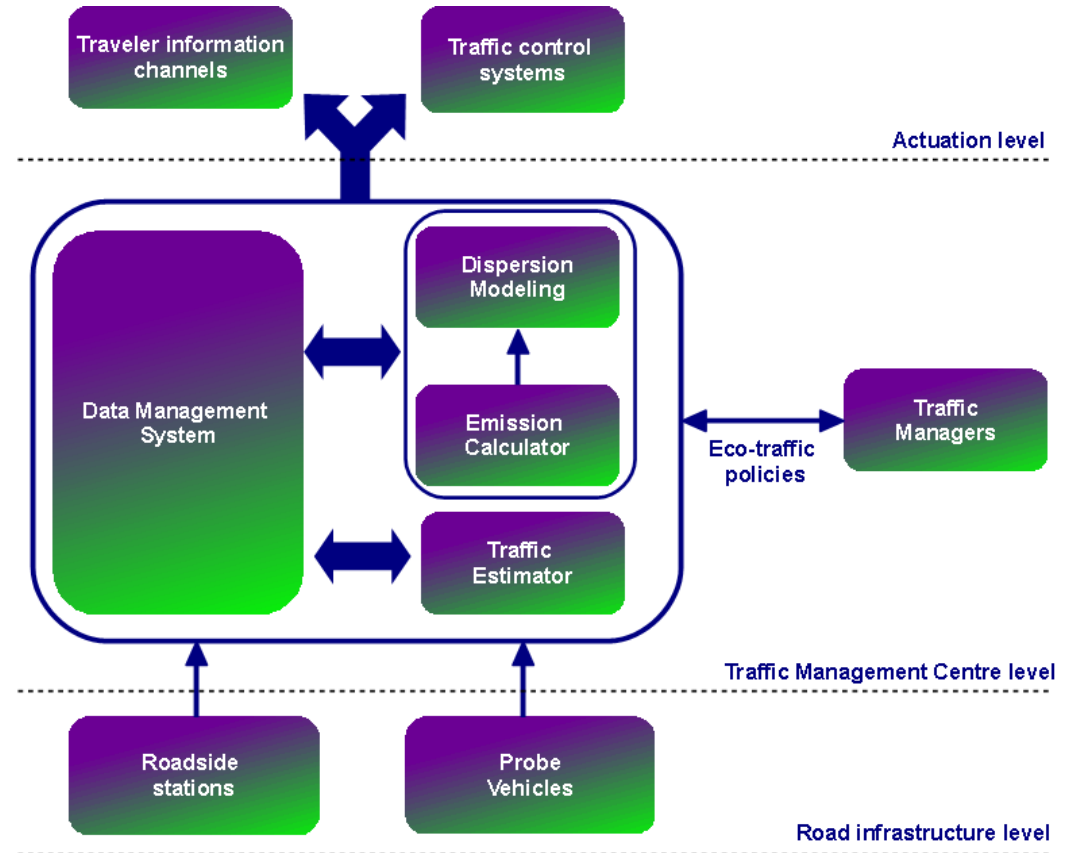
An Roinn Iompair  
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# The INTEGREEN approach

- Probe vehicles and roadside stations monitor traffic and air pollution conditions.
- Critical traffic and/or air pollution situations can be early **detected**, and the impact of dynamic measures directly **assessed**.



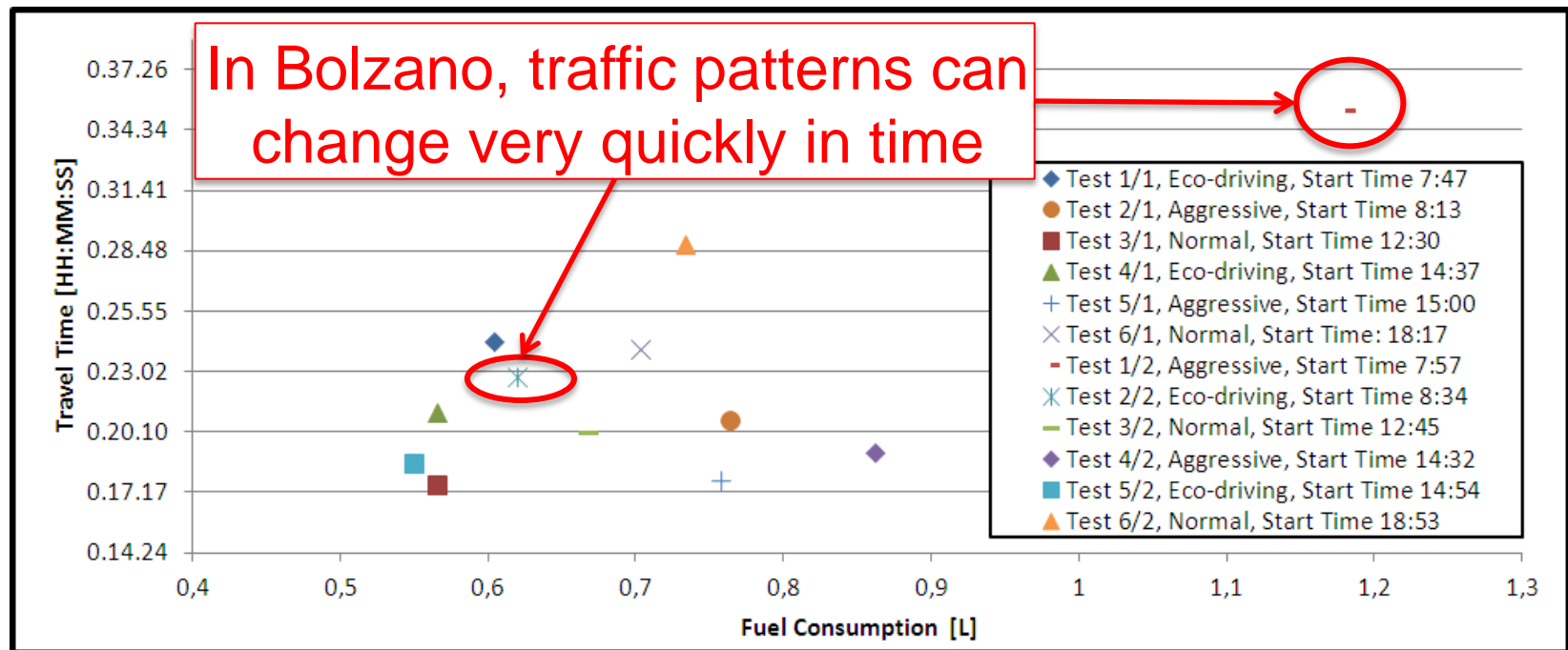
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# Preliminary measurement campaigns



- First empirical studies have allowed to analyze and weight targeted inefficiencies. Eco-routing recommendations should include the **temporal domain** as well.

# Preliminary measurement campaigns

- **Air pollution** data should be correlated not only with **traffic volumes**, but also with **travel times** estimations.
- **FCD** will be combined with data gathered by **roadside monitoring systems**. In INTEGREEN, we will make extensive use of low-cost **Bluetooth** detectors.



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