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# **Working Group - ICT for Clean & Efficient Mobility**

## **Draft terms of reference**

### **Co-chairs**

**Wolfgang Reinhardt, ACEA**

**Paul Kompfner, ERTICO**



# Aim of the Working Group

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**Identify and promote the potential benefits eSafety/ICT applications & services can bring towards cleaner and more energy-efficient mobility for people and goods.**



# Justification

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**ITS applications for traffic efficiency can produce positive environmental benefits as **side effects**...**

**□...but few ITS systems and services specifically address environmental objectives...**

**□...therefore need to mobilise the various sectors to cooperate in identifying and promoting deployment of new solutions.**

# Working Group Objectives

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- Identify & assess the ICT applications with strongest potential to yield environmental benefits;**
- Examine measures to reinforce the environmental compatibility & sustainability of mobility;**
- Examine potential for education & support tools to promote environment-friendly driver behaviour;**
- Assess costs & benefits of measures to reduce environmental impact of mobility;**
- Identify measures to promote & support deployment.**

# Potential Work Areas

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- Environmental traffic management strategies & operations**
  - Integrated traffic/mobility management systems**
  - Infrastructural measures to reduce negative environmental impact of mobility**
  - Cooperative vehicle-infrastructure systems**
  - On-line environmental information services**
  - Systems, tools and incentives to support & educate drivers**
  - Innovative business and organisational models**
  - Cost-benefit analysis of environmental ITS policies and options**
  - Measures to promote and support deployment**
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# Stakeholders -

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- users
- public agencies & authorities
- infrastructure & telecom operators
- automotive industry
- transport & environment industries
- NGOs
- traffic managers & suppliers
- commercial, PT fleet operators
- energy industries
- R&D institutes etc...