Introduction to ERTICO and ITS
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WHO WE ARE

ERTICO - ITS Europe

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Who we are

» Facts & Figures

› Founded in 1991
› 90 Partners
› Team of 35 professionals in Brussels
› 30 activities across 4 continents
› Annual budget € 4.5m
Who we are

» Our vision

“Intelligent Mobility”

› Towards zero accidents
› Towards zero delays
› With reduced impact on the environment
› Towards fully informed people

› where services are affordable and seamless
› privacy is respected and
› security is provided

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WHAT ITS IS
What ITS is

» Systems and services which improve road transport by adding INFORMATION
What ITS is

» Technologies/carriers
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WHAT ITS OFFERS

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What ITS offers

Supporting co-modal transport
» Information on option/times
» Electronic booking/ticketing
» ...

Supporting electrification of vehicles
» Range predictions
» Smart fueling
» ...

Improving access
» Points of interest
» ...

Improving traffic flow
» Navigation
» Tolling
» ...

Improving safety
» Information on incidences
» Information on traffic regulation
» ...

Improving logistics
» Goods tracking
» Co-modal transport
» ...

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What ITS offers

Supporting multi-modal transport
» Information on option/times
» Electronic booking/ticketing
» ...

Supporting electrification of vehicles
» Range predictions
» Smart fueling
» ...

Improving access
» Parking information
» Automatic zone access
» Points of interest
» ...

Improving safety
» Information on incidences
» Information on traffic regulation
» ...

Improving traffic flow
» Predictive traffic management
» Navigation
» Tolling
» ...

Improving logistics
» Goods tracking
» Inter-modal goods transport
» ...

Mutually supportive

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How ITS might develop

Today

» Ramp meter
» Variable Message Signs
» Road infrastructure surveillance (cameras)
» Advanced Driver Assistance Systems (cameras, sensors)
» Tolling
» Traffic information (TMC, TMC+, TPEG)
» Traveller information (Web-based, TPEG)
» Navigation (static, dynamic)
» etc.

... in the future

» X 2 X communication
» Data warehouses
» Predictive and cooperative traffic management
» ITS services supporting electric vehicles
» etc.
How ITS might develop

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Year

Safety/Mobility/Environment benefits

Information

Services/Service quality

2015?

today

2020?

2030?
How ITS might develop

More information

More services

More benefits

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WHAT ITS MIGHT NEED
What ITS might need

- Technologies
  - Interoperability

- Services
  - Seamlessness

- Business models
  - Cost-benefit analysis
  - end2end value added for all stakeholders

- Policy frameworks
  - Liability
  - Data protection
  - Security
  - Quality standards
  - Coordinated deployment

- Policy support
  - R&D
  - Standardisation
  - Incentives

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WHAT WE DO

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What we do

» Our goals

CooperativeMobility
Towards fully connected vehicles and infrastructure

SafeMobility
Towards zero accidents

EcoMobility
Towards reduced impact on the environment

InfoMobility
Towards zero delays and fully informed people
What we do
» Our actions

- Public Authorities Platform
- Policy Group
- Workshops/Fora
- Partner Sector Platforms
- Advance R&D
- Inform and support policy making
- Develop common positions
- Support related initiatives
- Cooperation to develop and deploy ITS
- Support information exchange
- Show and assess
- Drive deployment
- Raise Awareness
- Co-funded projects
- Network of National ITS Associations
- ITS Congresses
- Deployment Platforms
- Information Exchange Platform
WHAT WE WANT TO SEE
What we want to see

» Vision 2020: ubiquitous connectivity
Let us work together...