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## “Road to Unknown” – Introducing the SRA and SAA of eMobility

**Luis M. Correia**

eMobility WG on Leading-Edge Applications, Chairman

and

IST/IT – Tech. Univ. Lisbon, Lisbon, Portugal

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## Outline

- 
- The SRA (Strategic Research Agenda)
  - The SAA (Strategic Applications Agenda)
  - These Agendas explore the technological challenges and the future applications of M&W Comms. (Mobile & Wireless Communications).
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## The EAG



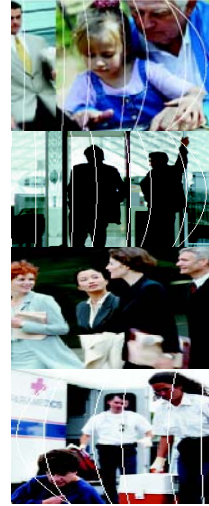
- The SRA has been established by the EAG (Expert Advisory Group) of eMobility.
- The EAG was launched in Nov. 2004, and has been meeting around 3 times per year.

## Evolution of the SRA eMobility

- The 1<sup>st</sup> version of the SRA, V 1, was issued by Mar. 2005.
- Various versions superseded that one, until the last version available, V 6, circulated by Nov. 2007.
- The SRA has been taken as input to EC's FP7 Work Programme, as well as to many other national and international R&D Programmes.

## The Shared Vision eMobility

“Improving the **individual’s** quality of life, achieved through the availability of an environment for the instant provision of and access to **meaningful, multi-sensory information and content**”



## The Motto eMobility

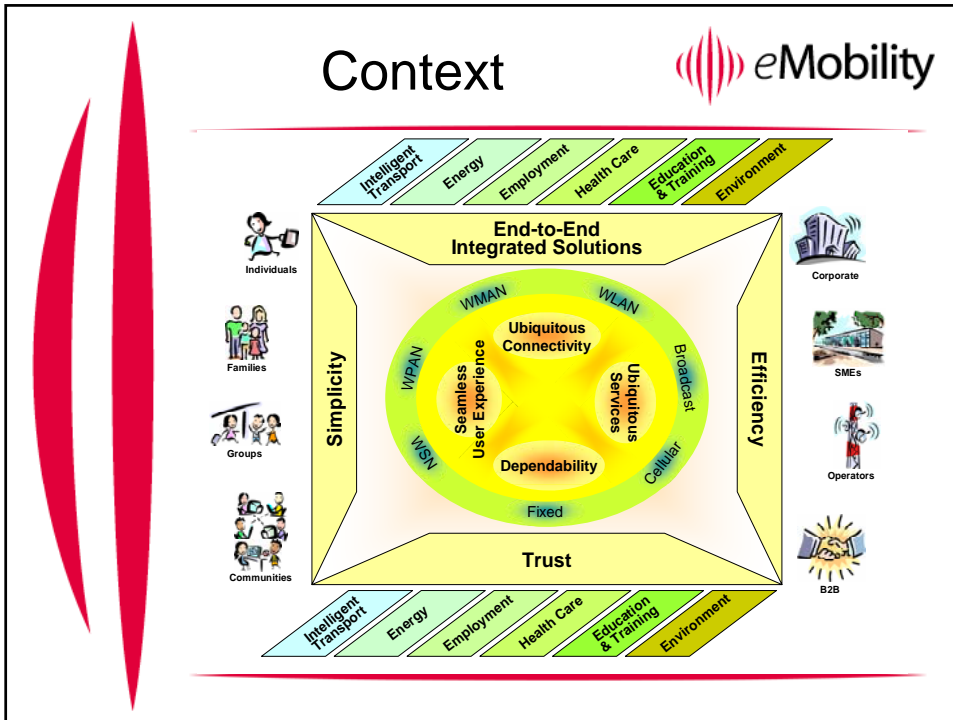
- The SET Concept was introduced:

- Simplicity
- Efficiency
- Trust

accounting for the views of users, operators, manufacturers, and providers in M&W Comms..

- The Motto is:

“Get SET for Innovation”



- ## Areas of Interest eMobility
- The SRA addressed:
    - Seamless User Experience for All Ages
    - Trust, Security and Dependability
    - Ubiquitous Services
    - Ubiquitous Connectivity
    - Business Infrastructures
    - Frontier and Multidisciplinary Research



## The New SRA



- Early this year, the EAG decided to restructure the SRA, into:
  - Green Wireless
  - Post-IP
  - Trust & Security
  - Service Bus
  - User experience
- The new version will be circulated this month.



## The WG on Apps.



- The Working Group on Leading-Edge Applications was formally established in Sep. 2007, with the goals of:
  - establishing links between M&W Comms. and other areas,
  - finding new applications,
  - getting disruptive ideas for R&D,
  - gathering further contributions to the SRA,
  - establishing the SAA.

## Focus



- The SAA focuses on the following areas:
  - Health & Inclusion
  - Transport
  - Environment
  - Future Internet
  - Enabling Technologies

## Topics (1)



- Health:
  - Future wireless diagnostic and disease management systems,
  - Hospital consultation and emergency scenarios,
  - Assistive technologies,
  - Well being and personalisation.

## Topics (2)



- Transportation:
  - Urban and road traffic management,
  - Efficient trip management,
  - Communication services,
  - Mobile office.

## Topics (3)



- Environment:
  - Alarming,
  - Monitoring,
  - Efficient resources management,
  - Technology waste.
- Future Internet:
  - It is not structured (yet) into topics.

## Topics (4)



- Enabling Technologies:
  - Context-aware Applications and Systems,
  - Cross Layer Design for Wireless Networks,
  - Service Continuity and Quality Over Heterogeneous Networks.

## Follow up



- The SRA and the SAA will continue to set up challenges for R&D and applications for M&W Comms..
- There will be a Workshop on Apps. in Stockholm, SE, on 2008-10-15.
- The next meetings will be:
  - EAG: 2008-09-16, Cannes, FR
  - WG Apps.: 2008-10-17, Stockholm, SE

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