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# **Working Group on Leading-edge Applications**

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# Objectives



- To establish further links between M&W Comms. and other areas.
- To find new applications for M&W Comms..
- To get disruptive ideas for R&D in M&W Comms..
- To gather further contributions to the SRA.

# The Past (1)



- A Workshop on “*Shaping the Future of Mobile and Wireless Communications*” was held at Deutsche Telekom Headquarters in Bonn, DE, on 2006/May/22.
- Discussion was lively, and contributions to the SRA were produced.
- All presentations, and the attendance list, are available at the eMobility website.

# The Past (2)



- Speakers at the workshop were invited from various areas:
  - *sociology* - Interactive Institute, SE,
  - *banking* - Bankinter, ES,
  - *health* - Televic, BE,
  - *sports* - Snowpolis, FI,
  - *environment* - Northern Arizona University, US,
  - *games* - German Association of Game Developers, DE.

# The Near Future



- A Workshop on “*Low Power Wireless Communications*” will be held at IMEC premises, Leuven, BE, on 2006/Dec/13, organised by Liesbet Van der Perre.
- The workshop intends to address disruptive strategies on all aspects of power efficiency, from User Devices to the Core Network, and how these devices and equipments interact with each other .

# Targeted Areas (1) eMobility

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- The priority areas listed by the EC should definitely be present:
    - Health.
    - Food, Agriculture and Biotechnologies.
    - Nanosciences, Nanotechs., Materials, and New Production Techs..
    - Energy.
    - Environment.
    - Transport.
    - Socio-econ. Sciences and the Humanities
    - Security and Space.
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## Targeted Areas (2)



- Other areas should also be targeted:
  - clothing and footwear,
  - glass,
  - construction,
  - domestic appliances,
  - entertainment,
  - media;
  - banking,
  - distribution and logistics,
  - sports,
  - etc.

# The Plan



- To set up the WG.
- To organise 2 workshops:
  - a workshop by mid/end January 2007, with invited speakers from other Tech. Platforms;
  - a workshop by mid June 2007, with invited speakers from other areas.
- To set up a general schedule for the WG activities, and allocate responsibilities.

# Setting up the WG



- Colleagues interested in participating in this WG should state their interest until 2006/Nov/30, by sending an email to me, [luis.correia@lx.it.pt](mailto:luis.correia@lx.it.pt).
- An email reflector will be created by the eMobility Secretariat.

# The Jan. Workshop eMobility

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- The objective is to develop a relationship with a few key application areas that also have Tech. Platforms.
  - A few Tech. Platforms will be invited to give a presentation at the workshop.
  - eMobility members meet colleagues from other Tech. Platforms, hence, creating the conditions for finding partners for FP 7 projects.
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# The June Workshop eMobility

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- The objective is to have further ideas for applications.
  - An inquiry will be circulated among eMobility members, as well as members of other Tech. Platforms.
  - Some of the people that have answered the inquiry will be invited to the workshop, where the results of the inquiry will be presented as well.
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# Possible Questions (1) eMobility

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- What is the current need for M&W Comms. in your business area?
  - What can be possible applications of M&W Comms. in your area that can really make a difference in the future?
  - What have been the biggest sources for frustration for you regarding the communications needs in your business area?
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# Possible Questions (2) eMobility

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- How can M&W Comms. contribute to increase your business?
  - What can be done to increase the usage of M&W Comms. in people's daily life?
  - What new communication paradigms, technologies, materials, etc., would help push M&W Comm. systems far beyond today's performance?
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# The Schedule



- A proposal for scheduling and planning of activities will be circulated by the beginning of Dec. 2006, and agreed by mid Dec. 2006.

# The End



- Questions, suggestions?, comments and