

**What does the future hold for mobile networks?
eMobility Session – 27/09/10 (14h00-15h30)**

This session, coordinated by Fiona Williams (Ericsson Research), was quite successful, judging from the number of participants. Mrs. Williams opened the conference by presenting the current situation of communication and mobile networks.

The first presentation was made by Werner Mohr (Nokia Siemens Networks) on the development of networks based on the projects of previous framework programmes and the potential direction of future research. He talked about the evolution of mobile communication systems and especially insisted on the major challenges for the future: the increase cell edge throughput, the increase cell capacity and the improvement of the user experience.

The second presentation was about “Green future mobile networks” and made by Klaus Wuenstel (Alcatel Lucent Bell Labs). The speaker reminded the audience that 2% of the total human carbon footprint was made by ICT. Mr. Wuenstel presented the EARTH project and the GREENTOUCH initiative as ways to tackle environmental challenges. He then explained that the main opportunities for energy reductions.

Finally, the last intervention by Thomas Bohnert (SAP Research) dealt with future applications for mobile networks. The future internet is an enabler for global business networks. According to Mr; Bohnert, the FI PPP, the European Future Internet Landscape and the EFIA (European Future Internet Alliance) were the way to get to the Future Internet.

After the different interventions, the panel agreed that the cooperation between industries and the standardization were important to prepare the future for mobile networks.