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eMobility

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Record of General Assembly #2

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Abstract

The second General Assembly of the eMobility Technology Platform was held 14 November 2006 in Heidelberg. 161 representatives attended the GA#2 from 125 organisations. The main objective of this GA was to the report from the Steering Board on activities of the eMobility Technology Platform during the year and outline of the work planned for the coming year. The invitation to the GA was issued by e-mail to all registered members and other interesees by e-mail of 27 July 2006.

This Deliverable contains a record of this GA.

Readers are recommended to visit the web site <http://www.emobility.eu.org/GA2/GA2.html> where all the relevant documents and presentations from this GA are displayed.

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1 Introduction

The second General Assembly of the eMobility Technology Platform was held 14 November 2006 in Heidelberg. 161 representatives attended the GA#2 from 125 organisations. The main objective of this GA was to the report from the Steering Board on activities of the eMobility Technology Platform during the year and outline of the work planned for the coming year. The invitation to the GA was issued by to all registered members and other interesees by e-mail of 27 July 2006.

This Deliverable contains a record of this GA.

On the eMobility web site <http://www.emobility.eu.org/GA2/GA2.html> all documents and presentations relevant to this GA can be found.

2 Information provided on the web

All the relevant information from the General Assembly can be found on the web <http://www.emobility.eu.org/GA2/GA2.html>.

Before the General Assembly the following information and support were provided on the web:

- Invitation page
- Draft Agenda
- Registration Form and Payment Form
- Hotel reservation Form at Marriott Hotel and Hotel Crowne Plaza

After the General Assembly the following information is provided on the web:

- The Agenda with links to the Invitation page
- All presentations
- Minutes from the General Assembly



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General Assembly 2 14 November 2006

Location: Marriott Hotel

Vangerowstrasse 16, 69115 Heidelberg, Germany

Hotel reservation

The second General Assembly of the eMobility Technology Platform will take place 14th November 2006 in Heidelberg, Germany. All members and non-members are cordially invited to attend. The eMobility General Assembly is co-located with the 17th Wireless World Research Forum meeting, which takes place at the same location in Heidelberg from 15th to 17th November 2006.

During the event, the Steering Board will report on the activities of the eMobility Technology Platform during the year and will provide an outline of the work planned for the coming year.

Since the first General Assembly, eMobility has progressively implemented its workplan and has been very active on many fronts.

The main activities during the year related have been:

1. Enlargement of the Membership, which resulted in a broad and representative involvement of the stake holders. The Membership of the eMobility Technology Platform includes, as of June 2006, 312 organisations from 34 countries, including 88 industry organisations, 95 SMEs and 129 members from research organisations.
2. Further development of the Strategic Research Agenda with the participation of the Membership (Workshop 11th May 06) which contributed to the SRA version 5, which will be released and available on the web site for download around the end of July.
3. Adoption of the Framework Programme and advising on the views of eMobility, as the Proposal of the Commission passed through the EU institutions and was amended. The role was to ensure that all institutions were aware of the views of the eMobility Membership on the content, funding and procedures for FP7.
4. Working with the representatives of the Member States in the framework of the Mirror Group to share information and identify opportunities to relate to nationally funded activities. Two meetings took place and will be followed up by further meetings addressing specific issues as the work under FP7 takes shape.
5. Collaboration with other European Technology Platforms (ETPs) notably ISI, NEM and NESSI as well as with CELTIC (EUREKA) with a view to sharing understanding on common issues and establishing working relations for the future. This resulted in 2 joint Press Releases in the context of meetings with ETPs organised by the Austrian EU Presidency.
6. Exploration of the orientation and timing of the work which might be proposed under FP7 related to SRA. This exercise, undertaken by the Steering Board on June 13th and 30th, showed that work spanning most of the SRA is likely to be considered for inclusion in the 1st Call, although the phasing of work during the full seven year duration of FP 7 was not discussed in any depth.

Agenda

A [draft agenda](#) is now available for the meeting. The GA2 will start at 10.30 and end 16.30.

Registration

All participants have to register before the meeting. The registration fee is 130 €. Payment can be made by credit card or bank transfer. Please use the online [Registration Form](#).

Please note that in case of cancellation, no refunds will be made. Substitute participants are welcome.

Hotel Reservation

For GA2 we have made block bookings of a limited amount of rooms at two hotels in Heidelberg (held until 18 September 2006). Please note that there is no guarantee for a room until this date as the blocked capacity might be exhausted before. It is advisable to book rooms early to avoid disappointment!

- **Marriott Hotel.** This is the meeting hotel. For reservations, please fill in and fax this [Hotel Booking Form](#) to the hotel.
- **Crowne Plaza Hotel:** For reservations, please fill in and fax this [Hotel Booking Form](#) to the hotel. It takes 5-10 min by taxi to get to the meeting hotel.

For queries please feel free to contact [Ellen Tallas](#)



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General Assembly 2 of the eMobility Platform

14 November 2006

Marriott Hotel, Vangerowstrasse 16, Heidelberg, Germany

Agenda

Minutes of the GA2

(view the Invitation page)

Registration and coffee: **09:00 - 10:30**

Meeting start time: **10:30**

Meeting end time: **16:30**

Morning Session 10.30 to 12.30

Click on the speech title to view slides

1. **Welcome address and progress by eMobility since the 1st General Assembly**
Dr. Fiona Williams, eMobility Chairperson, Ericsson
2. **Launch of FP7**
Dr. Rainer Zimmerman, European Commission
3. **The SET concept and SRA Version 5**
Prof. Rahim Tafazolli, University of Surrey
4. **The role of eMobility in the implementation of the R&D projects & plans for future work**
Dr. Juha Saarnio, eMobility SRA Editor, Nokia

Question and answer session

Chair: Dr. Brigitte Cardinael, eMobility Vice-Chairperson, France Telecom

Lunch break 12.30 - 14.00

Afternoon Session 14:00 to 16:30

5. **Post-IP Milestones Working Group report and plans**
Prof. Rahim Tafazolli, eMobility Expert Group and WG Chairman, University of Surrey
6. **Broadband for Europe using Structural Funds Working Group report and plans**
Dr. Werner Mohr, WG Chairman, Siemens
7. **Leading-edge applications working group plans and perspectives**
Prof. Luis Correia, WG Chairman, Technical University of Lisbon
8. **Beyond 3G Roadmap Working Group report and plans**
Dr. Didier Bourse, WG Chairman, Motorola
9. **Sharing work with other European Technology Platforms**
Dr. Erich Zeilinski, eMobility Mirror Group Chairman, Alcatel

Discussion

Chair: Mr. Hans Einsiedler, Deutsche Telekom

Concluding remarks

Dr. Fiona Williams, eMobility Chairperson, Ericsson

Coffee and chat: 16.30 onwards

3 Invitation to the General Assembly of the eMobility Platform

Below is the invitation text from Fiona Williams, chairperson of the eMobility Technology Platform. The invitation was sent by e-mail 27 July 2006 to all members of the mailing list general@ist-embilityssa.org. The mailing list contains all contact people for eMobility members and other people who have expressed their interest to be informed about eMobility activities.

Subject: Invitation to the eMobility GA2, 14 November 2006, Heidelberg, Germany

You are cordially invited to attend the second General Assembly of the eMobility Technology Platform. It will be held in Heidelberg, Germany on Tuesday, 14th November, 2006. On-line registration for the event is available from our web site at <http://www.emobility.eu.org/>. The eMobility General Assembly is co-located with the 17th Wireless World Research Forum meeting, which takes place at the same location in Heidelberg from 15th to 17th November, 2006. Please note that hotel rooms in Heidelberg are in short supply and that it is advisable to book rooms during the summer to avoid disappointment!

During the event, the Steering Board will report on the activities of the eMobility Technology Platform during the year and will provide an outline of the work planned for the coming year.

Since the first General Assembly, eMobility has progressively implemented its workplan and has been very active on many fronts.

The main activities during the year related to the:

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4. Working with the representatives of the Member States in the framework of the Mirror Group to share information and identify opportunities to relate to nationally funded activities. Two meetings took place and will be followed up by further meetings addressing specific issues as the work under FP7 takes shape.
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Dr. Fiona Williams

Chairperson of eMobility

4 Agenda for the General Assembly



General Assembly of the eMobility Platform

Agenda

14th November 2006

Marriott Hotel, Vangerowstrasse 16
Heidelberg, Germany

Registration and coffee: **9.00 to 10.30**

Meeting start time: **10.30**

Meeting end time: **16.30**

Morning Session: **10.30 to 12.30**

- 1. Welcome address and progress by eMobility since the 1st General Assembly**
Dr. Fiona Williams, eMobility Chairperson, Ericsson
- 2. Launch of FP7**
Dr. Rainer Zimmerman, European Commission
- 3. The SET concept and SRA Version 5**
Prof. Rahim Tafazolli, University of Surrey
- 4. The role of eMobility in the implementation of the R&D projects & plans for future work**
Dr. Juha Saarnio, eMobility SRA Editor, Nokia
- 5. Question and answer session**
Chair: Dr. Brigitte Cardinael, eMobility Vice-Chairperson, France Telecom

Lunch (**12.30 to 14.00**)

Afternoon session: **14.00 to 16.30**

- 6. Post-IP Milestones Working Group report and plans**
Prof. Rahim Tafazolli, eMobility Expert Group and WG Chairman, University of Surrey
- 7. Broadband for Europe using Structural Funds Working Group report and plans**
Dr. Werner Mohr, WG Chairman, Siemens
- 8. Leading-edge applications working group plans and perspectives**
Prof. Luis Correia, WG Chairman, Technical University of Lisbon
- 9. Beyond 3G Roadmap Working Group report and plans**
Dr. Didier Bourse, WG Chairman, Motorola
- 10. Sharing work with other European Technology Platforms**
Dr. Erich Zeilinski, eMobility Mirror Group Chairman, Alcatel
- 11. Discussion**
Chair: Mr. Hans Einsiedler, Deutsche Telekom
- 12. Concluding remarks** Dr. Fiona Williams, eMobility Chairperson
Coffee and chat: **16.30 onwards**

5 List of participants at the GA

Title	First name	Family name	Organisation
Dr.	Hamed	Al-Raweshidy	Brunel University
Mr.	Frank-Uwe	Andersen	Siemens Networks GmbH & Co KG
Mr.	Fernando	Andreu	Euskaltel, S.A.
Mr.	Enrico G.	Angori	Datamat SpA
Dr.	Carles	Antón	CTTC
Ms.	Neftis	Atallah	CEDETEL
Dr.	Susanna	Avéssta	Dimes Association
Prof.	Nigel	Baker	UWE Bristol
Mr.	Pieter	Ballon	SMIT
Dr.	Mark	Banfield	Telekom Austria AG
Mr.	Alejandro	Becerra	Telefonica I+D
Mr.	Christophe	Bejina	Vice President UMTS Access R&D
Mr.	Santiago	Benito	Instalaciones Inabensa, S.A.
Dr.	Fredrik	Berggren	Huawei Technologies Sweden AB
Prof.	Hendrik	Berndt	DoCoMo Communication Laboratories Europe
Mr.	Juan	Blas	CEDETEL
Mr.	Juan	Blazques	Telefonica Morles
Mr.	George	Boag	Targeting Innovation Ltd
Prof.	Magnus	Boman	SICS
Mr.	Andre	Bourdoux	IMEC
Dr.	Didier	Bourse	Motorola
Mr.	Heinz	Brüggemann	CELTIC
Mr.	Jan	Burgmeijer	TNO ICT
Dr.	Juan Carlos	Burquillo-Rial	University of Vigo
Mr.	Santiago	Cáceres	ETRA Investigación y Desarrollo, S.A.
Dr.	Tao	Cai	Huawei Sweden AB
Ms.	Brigitte	CARDINAEL	France Telecom
Mr.	Bruno	Casali	IDS
Mr.	Yves	Chauvel	ETSI
Dr.	Yoonchae	Cheong	Samsung
Prof.	Marco	Chiani	University of Bologna
Dr.	Youngkwon	Cho	Samsung Electronics Research Institute
Mr.	Sckerl	Christian	Deutsche Telekom AG
Prof.	Luis M.	Correia	IST - Tech. University of Lisbon
Mr.	André	Cotton	Thales Communications
Mr.	Hans-Petter	Dahle	ICT Norway
Dr.	Philippe	Dallemagne	CSEM
Prof.	Klaus	David	University of Kassel
Mr.	Pablo	de Lecea	CEIT
Mr.	Raffaele	de Peppe	TELECOM ITALIA
Prof.	Enrico	Del Re	CNIT - University of Florence
Mr.	Cedric	DEMEURE	Thales
Mr.	Daniel	Dietterle	IHP GmbH
Dr.	Manuel	Dinis	PT INOVAÇÃO
Prof.	ZEGHLACHE	Djamal	GET-INT
Dr.	Boris	Dragovic	CREATE-NET
Dr.	Spase	Drakul	Iskra Zascite

Title	First name	Family name	Organisation
Mr.	Henk	Eertink	Telematica Instituut
Mr.	Hans Joachim	Einsiedler	Deutsche Telekom
Prof.	Larsson	Erik	Royal Institute of Technology
Mr.	Younus	Farrukh	Eisar
Prof.	Gerhard	Fettweis	TU Dresden
Mr.	Johannes	Feulner	fun communications GmbH
Ms.	Alexandra	Fezer	Steinbeis-Europa-Zentrum
Prof.	Alex	Galis	University College London
Dr.	Tomasz	Gerszberg	PTC
Mr.	Guillermo	Gil	ROBOTIKER-Tecnalia
Dr.	Ulrich	Glotzbach	Mobile Research Center
Mr.	Tommy	Goffin	BGIn
Dr.	Mijic	Gordana	Ascom
Mr.	Paolo	Goria	Telecom Italia
Dr.	Sandra	Haseloff	University of Kassel
Mr.	Annakaisa	Häyrynen	Elisa Corporation
Dr.	Dirk	Heberling	IMST GmbH
Mr.	Uwe	Herzog	Eurescom
Dr.	Christian	Hoene	University of Tübingen
Dr.	Philipp	Hoschka	W3C
Dr.	Jaroslav	Janiszewski	Wroclaw University of Technology
Dr.	Pekka	Jäppinen	Lappeenranta University of technology
Mr.	DongGuk	Je	ETRI
Dr.	Nigel	Jefferies	Vodafone
Mr.	Jae Young	Ju	SK Telecom
Mr.	Erik	Kampenhøy	SINTEF
Prof.Dr.	Holger	Karl	Universität Paderborn
Dr.	Peter	Karlsson	TeliaSonera
Mr.	John	Katsimardos	European Dynamics
Mr.	Marcos	Katz	VTT Technical Research Centre of Finland
Prof.	Adnan	Kavak	Kocaeli University
Dr.	Andy	Kemp	University of Leeds
Dr.	Mika	Klemettinen	Nokia
Mr.	Ivan	Kocis	ARDACO, a.s.
Ms.	Eleni	Kosta	ICRI -K.U.Leuven
Mr.	Andrej	Krenker	University of Ljubljana, Faculty of Electrical Engineering
Mr.	Tomas	Kristofic	ARDACO, a.s.
Dr.	Siegfried	Kunzmann	European Media Laboratory GmbH
Dr.	Juergen	Lauterjung	Rohde & Schwarz
Mr.	Andrea	Lazzari	University of Camerino (UNICAM)
Dr.	Christophe	Le Martret	Thales Communications
Mr.	Norman	Lee	Euro R&D Center, Huawei Technologies
Prof.	Jari	Linatti	University of Oulu / CWC
Mr.	Jian	Liu	Mobile Research Center
Mr.	Manuel	Lobeira	ACORDE
Mr.	Julio	Lopez Roldan	Ericsson Spain S.A.
Dr.	Gian Mario	Maggio	CREATE-NET
Mr.	Drago	Majcen	Mobitel d.d.
Mr.	Martin	Mäklin	TeliaSonera
Prof.	Martti	Mäntylä	HIIT, Helsinki University of Technology

Title	First name	Family name	Organisation
Mr.	Olivier	Marcé	Alcatel
Ms.	Carolien	Martens	IMEC vzw
Mr.	Francisco	Medeiros	European Commission
Mr.	Jochen	Meyer	OFFIS e.V.
Ms.	Albena	Mitrowska	Aalborg University
Prof.	Ingrid	Moerman	Gent University - IBBT - IMEC
Dr.	Werner	Mohr	Siemens AG
Prof.	Antonella	Molinaro	University of Reggio Calabria
Prof.	Luis	Muñoz	University of Cantabria
Prof.	Mieczyslaw	Muraszkiewicz	Inst.Inz.Inf.
Mr.	Giuseppe	Naldi	Selex Communications SpA
Mr.	Wolfgang	Neifer	WIBU-SYSTEMS
Prof.	Ignas	Niemegeers	TU Delft
Dr.	Holger	Nitsch	Lucent Technologies
Mr.	Hannu	Nurmi	Tekes
Prof.	Tudor Petru	Palade	Technical University of Cluj-Napoca
Mr.	Antonio	Paradell	Atos Origin, SAE
Mr.	Josep	Paradells	Fundacio i2CAT
Mr.	Miguel Angel	Pena	TTI
Dr.	Cristian	Perra	University of Cagliari
Mr.	Carlo	Pompili	SICS
Dr.	Simone	Redana	Siemens S.p.A.
Mr.	Stuart	Revell	Freescale Semiconductors UK Ltd
Mr.	Thomas	Reynaert	nortel
Mr.	Juha	Saarnio	Nokia
Mr.	Jarno	Salonen	VTT Technical Research Centre of Finland
Prof.	Victoria	Sanchez	Universidad de Granada
Dr.	Herbert	Sander	VINNOVA
Ms.	Kim	Seung-Hee	ETRI
Mr.	Marten	Sinderen	University of Twente
Prof.	Mikael	Skoglund	Royal Institute of Technology
Prof.	Knud Erik	Skouby	CICT
Dr.	Pål	Sørgaard	Telenor R&I
Dr.	Vera	Stavroulaki	University of Piraeus
Dr.	Stephan	Steglich	Fraunhofer FOKUS
Mr.	Manolis	Stratakis	FORTHnet
Dr.	Heinrich	Stuettgen	NEC Europe Ltd.
Mr.	Vincenzo	Suraci	University of Rome - La Sapienza
Prof.	Rahim	Tafazolli	University of Surrey
Dr.	Jaakko	Talvitie	Elektrobit Group
Dr.	Sasu	Tarkoma	Nokia
Dr.	Luca	Tesei	University of Camerino
Mr.	Harold	Teunissen	Lucent Technologies
Prof.	Ralf	Toenjes	University of Appl. Sci. Osnabrück
Mr.	Moshe	Topman	Alvarion LTD
Mr.	Walter	Tuttlebee	Mobile VCE
Mr.	Stefan	Valentin	Universität Paderborn
Ms.	Herma	van Kranenburg	Telematica Instituut
Mr.	André	Vandemeulebroecke	STMicroelectronics
Ms.	Ana	Vega	Telefónica Móviles
Ms.	Inés	Vidal	Euskaltel, S.A.

Title	First name	Family name	Organisation
Mr.	Hu	Wang	Huawei Technologies
Prof.	Christian	Wietfeld	University of Dortmund
Dr.	Fiona	Williams	Ericsson
Mr.	Kang	Woo Shik	Samsung Electronics Co. Ltd.
Mr.	Yossi	Yanai	ISRC Consortium
Ms.	Seong-Im	Yoon	ETRI
Mr.	Ezra	Zamir	ISRC / Elbit Systems Ltd.
Dr.	Sven	Zeisberg	GWT-TUD GmbH
Mr.	Gong	Zhang	huawei TECHNOLOGIES
Mr.	David	Zheng	Huawei technology
Dr.	Erich	Zielinski	Alcatel SEL AG
Dr.	Rainer	Zimmermann	European Commission
Mr.	Bruno	Zuga	Riga Technical University

6 Minutes from the General Assembly



Mobile and Wireless Communications Technology Platform

Minutes of General Assembly 2

Heidelberg, 14 November 2006

Chair: Fiona Williams, Ericsson
 Minutes: Uwe Herzog, Eurescom
 Distribution: Public
 File: eM-GA#2_14Nov06-minutes-v2.doc

Welcome address and progress by eMobility since GA#1 (Fiona Williams, Ericsson)

- Fiona welcomes the participants and introduces the agenda. The goal of the meeting is to give an overview of the achievements of the last year, to present the plans for the upcoming year, and to get feedback from the members and to enable discussion.
- Fiona gives an overview of the current status of eMobility membership. There are currently 410 members in total (98 industry, 160 academia, 152 SME, 20 other). The Steering Board (SB) has 23 elected members. Other groups are the Expert Group, the Mirror Group, and Executive Group.
- There has been a high level of activity during the last year, including 10 SB meetings, public workshops, exhibition stands, meetings with the commission and with members of European Parliament and a number of other dissemination activities. SRA v5 has been completed and published in August 2006. More recently some Workgroups have been founded: Post-IP, B3G, Broadband for Europe.
- The grand challenge seen by eMobility SB is to “Build on Europe’s strength in connectivity”. It was recommended that > 50% of research funding should be devoted to connectivity and services research. In future more focus is needed on user experience and business aspects to ensure commercial exploitation.
- Future events include: Activities at IST 2006 in Helsinki, Broadband and Post IP workshop in June 2007, GA#3 in Nov 2007 with the next SB election,
- Future activities include input to future versions of the FP7 workprogramme, evaluation of the coverage of the SRA by FP7 projects and following these proposals for future calls to fill the gaps.
- Fiona highlighted the value of eMobility for its members:
 - Influence the workplans and calls for proposals of the public research programmes
 - Build a contact network
 - Build public support for new R & D topics
 - Join on-going influential working groups
 - Contribute to the common efforts to make results of the FP 7 projects visible and to build synergy, leading to new standards and products
 - Membership is free of charge – just apply on the web site!
- Question: Non-technical barriers were mentioned. Was there any effort to coordinate this? Fiona: Yes, there was one working group chaired by Werner Mohr that worked on non technical barriers e.g. spectrum licensing. These areas were identified, which are not handled already by other bodies.

Launch of FP7 (Rainer Zimmermann, EC)

- Rainer explained on the wider goals and starting points, which influenced the preparation of FP7 and the current Workprogramme.
- The budget for ICT will be 9110 million € for 7 years. Mobile and wireless falls in Challenge 1 “Pervasive and Trusted Network & Service Infrastructures” which has 4 objectives. eMobility mainly falls under objective 1 “The network of the future” (budget 200 Mio € in Call 1).
- The topics Mobile&Wireless and Broadband which were separate in FP6 are now together under Challenge 1. The Work Programme (WP) is based on the assumption that there will be a public Internet kept, optical switching, and Broadband user access. The challenges described in the WP build upon this. The expected impact includes e.g. global standards for Next Generation ubiquitous unlimited capacity networks, reinforced European industrial leadership developing stronger synergies between the various sector actors (!), and new industrial / service opportunities in Europe.
- An FP7 Information day planned for Cologne, 1 February 2007. The expected Call 1 submission deadline is end of April (24), 2007, Call 2 will be four months later.

Overview of SET concept and SRAv5 (Rahim Tafazolli, University of Surrey)

- Rahim gives an overview of SRAv5. Future mobile communications will be power and bandwidth limited, dynamic in nature, one person will have more than 1 device, self organising and healing, with a variety of service delivery modes (uni, multi, broadcast), with strong convergence effects.
- Rahim explain that the current approach for research is not sufficient anymore (e.g. single area or technology focused) as the results were often not satisfying. What is needed is e.g. to focus work on end-to-end solutions, and to ensure joint work on link, system, and networks. The approach is described as SET concept – Simplicity - Efficiency - and Trust. It aims at achieving integrated end-to end solutions. More details on research priorities can be found in the SRA.

The role of eMobility in the implementation of the R&D projects & plans for future work (Juha Saarnio, Nokia)

- Although eMobility is not going to be involved in the preparation and evaluation of FP7 projects, eMobility will do a number of activities to support FP7, e.g. continue SRA developments, provide a platform for projects and for discussing project ideas. FP7 projects are welcome to contribute on the SRA evolution. eMobility Working groups will continue to work on selected topics (e.g. roadmapping, new opportunities). Contributions to eMobility events, demonstrations organised with the annual meetings etc are very welcome.

Q&A session (Brigitte Cardinaël, France Telecom)

- *Sven Zeisberg, GWT-TUD*: What are the concrete steps and how can we use eMobility now in order to organise our involvement in FP7? *Fiona Williams*: The first step should be to put the idea on the Wiki tool and to ask others to contact you. Check how your idea fits with the SET concept, and also with the milestone plan. *Sven Zeisberg*: We have already put our idea there. But once this has progressed, is there some tool support that allows to continue this in a closed group? *Fiona Williams*: The Wiki could be used for this, but it needs to be checked whether the Wiki has the technical capability for this.
- *Sven Zeisberg, GWT-TUD*: Is there any idea for an eMobility label for projects? *Juha Saarnio*: There won't be an eMobility label in order not to interfere with the EC selection process of project proposals. *Rainer Zimmermann*: I can confirm this.
- *Martti Mäntylä (HIIT)*: One of the presentations showed a scoping of topics, e.g. putting content out of the scope of eMobility, is this the right approach? *Rahim Tafazolli*: You are right because we can not have a network without the content. However this decision was made on purpose in order to allow a clear boarder between the various technology platforms (e.g. regarding content with NEM)

- *Younus Farrukh, Eisar*: Are there any limitations for establishing partnerships with partners from outside EU? *Rainer Zimmermann*: There is a list of countries that are eligible for participation. However, the ultimate decision is with the companies in the project consortium.
- *Marco Chiani, University of Bologna*: I want to comment on the possible participation of universities, which are very skilled when it comes to a) solving problems and b) on new directions of research. One of the best places to find people working on this are the universities. I hope that universities will be able to participate in these areas in FP7. *Rainer Zimmermann*: The good and bad news is that in FP7 there is a different funding model for universities (75% of costs or average rates). *Rahim Tafazolli*: In FP6 many universities and good researchers have been involved, and this will continue in FP7. I would suggest to use the Wiki to propose project ideas. Don't wait for ideas being proposed by industry, but propose them yourself.
- *Martti Mäntylä, HIIT*: The current draft of first FP7 Workprogramme is phrased as if made for robots and it is a challenge for humans: *Rainer Zimmermann*: Robots have been organisationally moved from Brussels to Luxemburg. The texts will become more cognition again.

Post IP milestones Working Group report and plans (Rahim Tafazolli, University of Surrey)

- Rahim presents that the 3 phases / generations of the Internet: Research Internet 1967-1989, Industry adoption for commerce 1989-2006, Focus on Wireless Mobile from 2006.
- The current Internet was never designed to be a critical part of an economy's infrastructure. The EIFFEL initiative of the EC is gathering experts for driving the start of work on Post IP. Two meetings have already been held, and a public workshop will be held in Brussels on 15th December 2006, where results from EIFFEL will be presented.
- Global Environment for Network Innovation (GENI/FIND) is an initiative of US NSF on Post IP. The focus is on technology drivers. The assigned budget is 6 Bn US\$. It will piggyback on the US internet dominance. It is assumed that wireless will drive a fundamental transformation of the Internet in the next 15 years. 12 projects have already been approved in the US.
- The eMobility WG on Post IP is open to all eMobility members. A first meeting has been held on 27th October 2006 in Brussels, 35 organisations attended.
- The starting point for Post IP is as follows: > 2 Bn mobile phones worldwide (of which only 20% have Internet capability). In contrast only > 500 Mio fixed devices are connected to the Internet.
- Should the approach be evolutionary or revolutionary? The current approach is evolutionary, numerous new sublayers are added upon existing layers (of the protocol stack) ongoingly. Europe should focus on Mobile Wireless aspects. A number of issues of the current Internet were identified by the WG.
- Next meetings: Today 16:30 (here), 8th December 2006 at the Ericsson office in Brussels. First draft of a whitepaper is due 20th November 2006.

Broadband for Europe using structural funds Working group reports and plans (Werner Mohr, Siemens)

- The EC has proposed in its European cohesion policy 2007-13 a convergence of less developed regions, to improve regional competitiveness and employment. There are 3 funding instruments defined with a total budget of 308 Bn€ between 2007-13.
- The eMobility SB has launched in September 2006 a WG, which is working on a position, in collaboration with other Technology Platforms. This position document is to be sent to European member countries as a basis for discussion including the Commission. A first draft version titled "Promoting Broadband as an economic enabler in Europe using Structural Funds" is available.
- Future plans: Preparation of a position paper by February 2007, Investigation of the various technical solutions for Broadband systems by June 2007, in parallel evaluation of the interests of the member states in interaction with the EC on the use of structural funds for Broadband deployment.

Leading edge applications Working group plans and perspectives (Luis Correia, Technical University of Lisbon)

- The main goals of the WG are to establish links between mobile & wireless and other areas, and to identify new potential applications. A first workshop has been held at Deutsche Telekom in Bonn in May 2006, at which speakers from several areas outside the telecom world (banking, gaming, sports etc.) presented their views on future service needs (presentations available at eMobility web site).
- A workshop on “Low power wireless communications” will be held in Leuven on 13th December 2006.
- The formal launch of the Applications WG is today at this GA. 2 Workshops are planned: January 2007 and June 2007. Everybody interested shall send an email to luis.correia@lx.it.pt. The objective of the January 2007 workshop is to discuss on potential areas with other Technology Platforms. The June workshop shall identify further applications from other areas.

Beyond 3G roadmap Working group report and plans (Didier Bourse, Motorola)

- The activity was launched in September 2006. The goal is to develop a roadmap for the evolution of beyond 3G systems.
- Next steps: The plan is to draft a Whitepaper by January 2007. A meeting is planned for January 2007. An email list has been setup pub-b3g-wg@ist-emobilityssa.org. Self subscription can be done at <http://lists.eurescom.de>.

Joint work with other platforms and with the Mirror Group (Erich Zielinski, Alcatel)

- The representatives / public authorities of the member states form the Mirror Group. In addition, eMobility sets up liaisons with other initiatives or projects. Liaisons exist e.g. with WWRF, EPISTEP (supporting SMEs' participation in FP6/7), etc.
- A joint Mirror Group meeting inviting Mirror Group members with other ETPs have been in Brussels, 19th May 06. An agreement has been made with EUREKA cluster Celtic on test beds.
- Future plans: Joint Mirror Group meeting in February 2007 (jointly with Celtic event). A second meeting is planned for September/November 2006 after the availability of the Call 1 evaluation results.

Q&A session (Hans Einsiedler, Deutsche Telekom Laboratories)

- *Rahim Tafazolli*: Do you agree that current research is evolutionary, and that we need cross-layer optimisation? *Alex Galis, University College London*: How can optimisation be improved? Your plan looks like an equivalent to the US initiative, I could not see what the differentiator is. My suggestion is to focus on a few key areas e.g. better control services or end user networks. *Rahim Tafazolli*: The Post IP WG is not defining projects, it is only identifying topics, regulatory/policy issues and standardisation aspects. Anybody can from the Whitepaper pick up topics and prepare a project proposal. I argue that a flat architecture can provide QoS for end-to-end services as a middleware is lacking.
- *Hans Einsiedler*: Will we have layers in the architecture in 15 years? Will we still have the OSI layer model? *Rahim Tafazolli*: Layering is in general a good idea.
- *Hans Einsiedler*: What is the evaluation process for structural funds? *Werner Mohr*: Regions and member states prepare strategic plans on where they intend to invest. This has to be approved by the EC before the distribution of funds takes place. Based on this, detailed programmes will be developed in the countries and then tenders issued to which companies can make offers. Also operators can make proposals in cooperation with public organisations.
- When will the money from structural funds be available? *Werner Mohr*: It should be available beginning next year.

- *Jan Burgmeijer, TNO*: Are other ETPs also working on ICT related areas? Are they interested in cooperation? *Luis Correia*: eMobility has links with some ETPs, links to further platforms including those in the traffic areas will be setup.
- *Hans Einsiedler*: Do you have identified killer applications. *Luis Correia*: No, but there will be one.
- *Hans Einsiedler*: What is the targeted customer group of the B3G Whitepaper? *Didier Bourse*: It will be put on eMobility web site. It can serve as reference for FP7 projects (proposals).
- *Hans Einsiedler*: How does eMobility deal with overlaps? *Erich Zielinski*: The Mirror Group has the goal to identify common or overlapping areas, but not to make sure any overlap is excluded. *Fiona Williams*: By the end of next year we will see that there are projects that cover areas of more than one ETP. I don't think that this should be a concern.
- *Martti Mäntylä (HIIT)*: As Artemis is a JTI and as such having its own budget there is a risk that work is not aligned with the Commission's WP. *Fiona Williams*: The WP is so wide that it does not exclude topics in scope of Artemis. The risk of overlapping work is not estimated being a big problem.
- *Frank-Uwe Andersen, Siemens Networks*: Are there any official channels to exchange views between EC activities and the US initiative GENI? *Erich Zielinski*: This exceeds the current eMobility activities, but could be taken on. Regarding the issue of overlapping work just discussed, in Rainer's presentation we saw platforms and dimensions where several platforms contribute to the Network of the Future. This underlines that a strict separation is not possible, and is also not estimated to be contra-productive. *Rahim Tafazolli*: I asked the same question to Joao da Silva recently, there is a monthly meeting going on to discuss on this in the Commission.

Final remarks (Fiona Williams, Ericsson)

- Fiona briefly reviewed the topics presented during the meeting. She encouraged the meeting participants to join the eMobility Workgroups, and to use the Wiki tool to present the company and project ideas and interests. Slides from today will be available on the eMobility web site. Finally she thanked the speakers and audience.

References

- [1] <http://www.eurescom.de/>