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# *Mobile Europe 2002 Conference* *Bremen, March 18-19, 2002*

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# Mobile Europe 2002 - Information



The banner features a large circular image of two people talking on mobile phones. To the right, the text reads 'Mobile Europe 2002' with a stylized 'E' logo, and '18th - 19th March 2002, Bremen'. Below this, a red bar contains the text 'European Conference on 2.5 - 3 G mobile applications'. Further down, there are two small images: one of a mobile phone and another of a person at a computer. To the right of these images, the text lists '·Best practice' and '·UMTS Testbeds'. At the bottom right, it says 'Please, click to continue!'.

Mobile Europe 2002  
18th - 19th March 2002, Bremen

**European Conference on 2.5 - 3 G mobile applications**

- Best practice
- UMTS Testbeds

Please, click to continue!

Homepage: [www.umts-bremen.org](http://www.umts-bremen.org)



# Participants

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- ❖ Josef Hattig, Senator for Economy and Ports, Bremen
- ❖ Erkki Liikanen, Member of the European Commission
- ❖ Alfred Tacke, Federal Ministry for Economy and Technology
- ❖ Foren
  - *UMTS-Forum*
  - *ETSI*
  - *BITKOM*



# Participants (cont.)

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## ❖ Industry

- *NTT DoCoMo*
- *Siemens AG*
- *Ericsson*
- *Motorola*
- *T-Systems, T-Mobile*
- *Alcatel*
- *Gate5, OHB Teledata, Thales*

## ❖ Universities

- *University of Twente, Netherlands*
- *University of Bremen, Germany*



# Agenda

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- ❖ Strategies and Future Expectations for 2.5 – 3 G Mobile Applications
  - *UMTS Forum Market Study*
  - *Wireless Vision for 2010 in Japan*
  - *I-mode*
  - *young generation mobile applications*
- ❖ Creating Successful Mobile Applications
  - *Parcel Call*
  - *Software Defined Radio*
  - *3G Video, 3G Games, 3G Chat, 3G Mail*



# Agenda (cont.)

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## ❖ Best Practice – Mobile Applications

- *Emergency and Safety*
- *IP Multimedia Subsystem (IMS)*
- *LBS, Mobile Internet*
- *All IP Networks*
- *Satellite Services*

## ❖ Relevance of UMTS for Regional and Urban Development

- *Pan European Trials (7bis Projects)*



# IST-Projects 7bis

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- ❖ **FREE-G (Proposal Ranked 1st by the EC)**
  - *0800 free-phone access to the mobile Internet*
  - *Unique mi0800 on-screen icon*
- ❖ **OPIUM**
  - *Open Plattform for Integration of UMTS Middleware*
  - *Support rollout of commercial 3G services in Europe*
- ❖ **MOBILE HEALTH**
  - *Applications for mobile health for 2.5G/3G networks*
  - *Monitoring the health status*
- ❖ **eMOTION**
  - *2.5G/3G Testbed for e-Logistics*
  - *Focus on Quality of Service (QoS) requirements*



## *IST-Projects 7bis (cont.)*

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- ❖ MOBILE TOURIST GUIDE
- ❖ 3GT
- ❖ PROMODAS
- ❖ ELBA
- ❖ NOMAD 3G
- ❖ RIU253
- ❖ XAUDIO





# eMOTION

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## ❖ Goals

- *Testing and evaluating 2.5G/3G networks (Testbed)*
- *Identification of critical QoS parameters*
- *Network parameter tuning for optimized performance*
- *18 month (three phases)*

## ❖ Partners

- *T-Systems, Bremen*
- *T-Mobile, BEN (Netherlands)*
- *Microsoft*
- *Siemens (UMTS Equipment)*
- *OHB-Teledata, Celtius, BIBA, IKOM, Rosenbauer, ...*



# eMOTION – Use Cases

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## ❖ Tele-Ambulance

- *Transmission of patient emergency multimedia records*
- *Consultation in form of video conferencing*
- *Assisting the patients during transportation*

## ❖ Emergency Management

- *Wireless and handsfree communication system*
- *A/V guidance system to avoid panic in critical situations*
- *Location system of persons in danger*

## ❖ Transport Surveillance

- *Online visual transport of dangerous and valuable goods*
- *Streaming views from inside a cargo bay during transport*



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# Thank You!

(Questions & Discussion)