Wireless World Research Forum
a global vision for a wireless future
focus on emerging countries

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Digital World Forum, May 4th 2009, Kampala

Outline

- What is WWRF ?

  - Objectives

  - Organisation

  - Results

- Relation with emerging countries

WWRF : Shaping the Global Wireless Future

- Global platform to initiate global cooperation towards future wireless world

- Vision from user perspective → requirements for the enabling technologies

- Unique way of active cooperation within and between industry and academia

- Reduce risk for investment in research

- Ease future standardisation by globally harmonising views

- Proven history of creating large scale research cooperation and facilitating funding

- Open to all actors (collective memberships possible from emerging countries)

www.wireless-world-research.org

WWRF Membership

Over 130 member organisations

From these domains

- manufacturers
- network operators
- regulators
- academic institutions
- research organizations

From five continents

- Africa
- America
- Asia
- Australia
- Europe

WWRF Sponsor Members

- Alcatel-Lucent
- China Mobile
- Ericsson
- Huawei
- Intel
- LG Electronics
- NEC
- Nokia

- Nokia Siemens Networks
- Nortel
- Orange
- Research In Motion
- Samsung
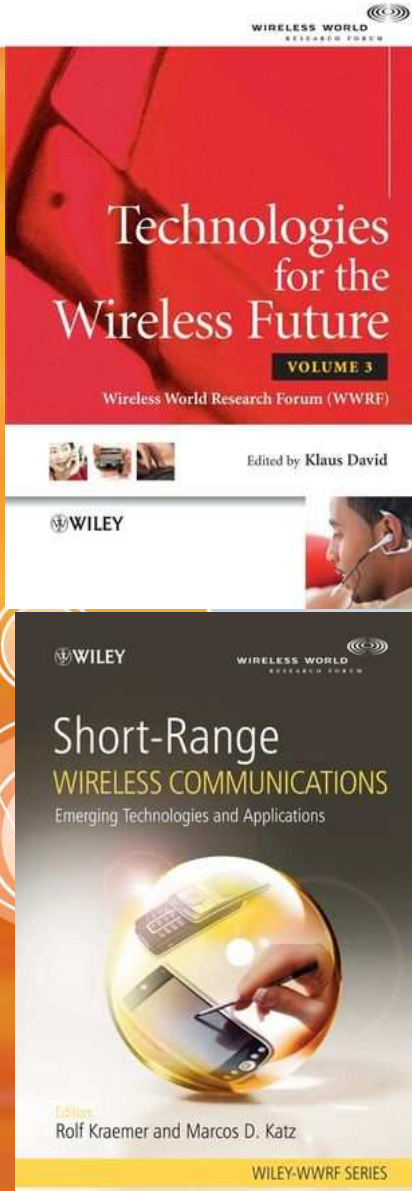- Vodafone

WWRF Steering Board

The WWRF Vision

7 trillion wireless devices serving 7 billion people by 2017

- All people will be served with wireless devices

- Affordable to purchase and operate

- Calm computing: technology invisible to users

- Machine to machine communications

  -Sensors and tags: e.g. in transport and weather systems, infrastructure, to provide ambient intelligence and context sensitivity

- All devices are part of the (mobile) internet

WWRF Outputs and Activities

- New white papers and briefings available on website
- New edition of 'Book of Visions' – sept 2008
- Short range book – Feb 2009
- First meeting in South Asia – WWRF#19 in Chennai
- Panel sessions and keynote speeches in IEEE conferences (ICC, VTC, Globecom, ICICT,…)
- New liaisons with key regional fora
- WWRF Fellows awarded in 2007 and 2008

WWRF Meeting Schedule for 2009 - 2010

WWRF 22nd Meeting
5-7 May 2009
Paris, France
Theme: Transforming
Communications
for a world that's always on

WWRF 23rd Meeting
20-22 October 2009
Beijing, China
Theme:
Cognition and Cooperation in
Mobile Internet

WWRF 24th Meeting
12-14 April 2010
Penang, Malaysia

Most recent info on WWRF web site
www.wireless-world-research.org

Regional Research Initiative

- Increase participation of researchers from Asia and Africa in WWRF activities

- Proposed research cooperation activities:

  - To jointly respond to major global technological challenges by developing interoperable solutions

  - To jointly develop solutions to major global societal challenges.

  - To improve scientific and technological cooperation for mutual benefit.

- Local operators are welcome to join the Board and impact WWRF directions

Regional Research Initiative: next steps

- Initially, we will establish two regional research groups with one research theme per group

  - South East Asia: Malaysia, Singapore and Thailand

  - Africa: South Africa, Egypt, Qatar, Ghana, Nigeria, Uganda and Kenya

- Funding: ongoing process to establish an International Cooperation budget with EU in partnership with governments/companies. Additional funding will be required.

- Ongoing or upcoming discussions with ITU, African Telecommunication Union (ATU), Asia Pacific Telecommunications (APT), National Governments and NGOs in these regions

Summary

- WWRF is a global platform
  - For research cooperation between industry and academia
  - To facilitate future standardisation
  - And open to all actors
- Regional Research Initiative is ongoing
  - Feedback is welcome