Disaster Relief and Management
International Cooperation & Role of ICT

ERICSSON

Re-establishment of Mobile Networks after a Disaster

Alexandria, Egypt
16 April 2007
Ericsson is part of the society where we operate

• Presence in more than 140 countries

• Responsible for building the cellular networks in even more countries

• Local knowledge and awareness, we have been there for a long time – Egypt 110 years

Obviously we have a responsibility in the society
When the disaster strikes...

Immediate assessment of telecom infrastructure

If only the radio part is knocked-out, it can be repaired same day or very soon

Biggest problem is normally power (24h backup) and towers

But, after a major disaster the network is normally improved regarding capacity, coverage and maybe even technology.
Gujarat, India 2001
Rebuild and expanded mobile network, donated mobile phones after earthquake
Asia, December 26, 2004
Earthquake and Tsunami
Muzaffarabad, Pakistan 2005, Earthquake

WIDER and ER Volunteers providing support to UN organizations through UN OCHA
Thoughts for the future

Cellular communication is a very efficient tool in relief operations

National and regulatory actions are required – as usual the problem is not technical

The technology is there

Operators should improve their disaster preparedness

Other humanitarian organization should also improve their use of this technology
Implementation of mobile networks means increased GDP

So, after the disaster with an improved infrastructure...

in the middle of all the chaos

there may even be an opportunity for increased social and economical development