



Swiss Tropical Institute  
Institut Tropical Suisse  
Schweizerisches Tropeninstitut



**World Health  
Organization**

WHO collaborating centre for  
Health Systems Development

# **Welcome to the 11<sup>th</sup> STI SYMPOSIUM**

## **The Role of Information & Communication Technologies in Health Systems Development**

**Swiss Tropical Institute  
22 APRIL 2008**

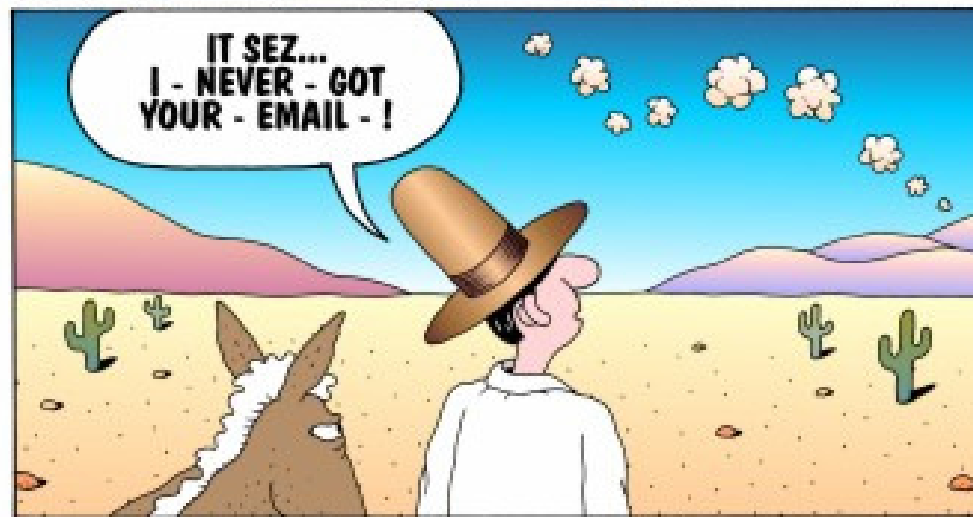
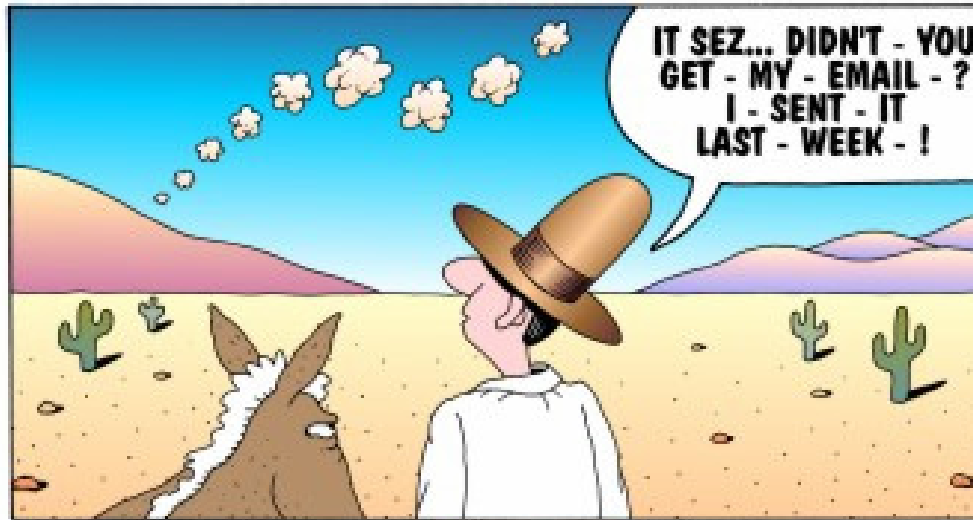




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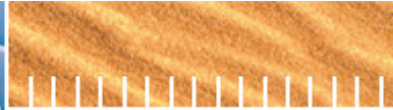


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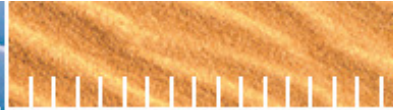
# ICT for Health

- **Rapidly changing environment**
- **The challenge of increasing information and complexity of health systems**
- **Need and demand for knowledge brokering**
- **Effectively transfer evidence into practice**
- **Facilitating continuous education**





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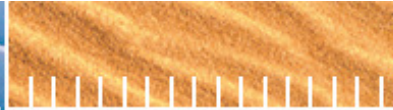
## The areas we will try to cover today:

- **Telemedicine and eHealth**
- **Knowledge Management and eLearning**
- **Health Management Information Systems**





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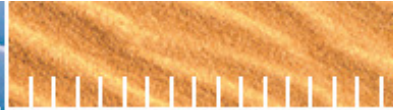
## Some of the questions we will try to address today:

- Where have successful initiatives been taken?
- What can we already learn from these experiences?
- What solutions have been successfully implemented?
- What are the upcoming trends, what policy changes might we expect?
- What are the potential and limits of ICT in health systems development.





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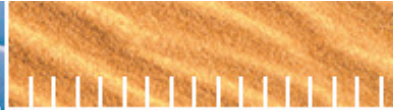
## **STI Experience: Knowledge Management**

- **Knowledge audits within MsoH**
  - **Survey in 5 countries (Cameroon, Tanzania, Kenya, Philippines, Nepal)**
- **Development of KM strategy in perinatal health program in the Ukraine**
- **Capitalisation and dissemination of project results**
- **A “news” team responsible for internal KM**





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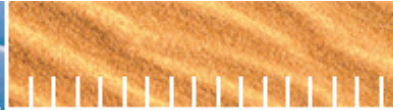
## **STI Experience: e-learning**

- **Development of e-learning tools for specific health topics**
  - **Management of Cholera Outbreaks**
  - **Clinical Practice Guidelines for Normal Delivery Process**
- **Ongoing: Learning program on diagnostics of parasite infections**





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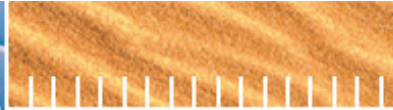
## **STI-Experience: Telemedicine**

- **Telemedicine platform for clinical consultations in perinatology**
- **Teaching module in Telemedicine for higher education “Medical Informatics Management” (University of Applied Sciences Bern)**
- **Teaching Telemedicine in Indian Institute of Technology Madras/Chennai**





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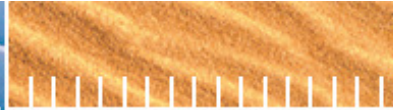
## **STI-Experience: Health Management Information Systems**

- **DSS/Health Metrics Network**
- **Medical equipment audit and management systems**
- **Testing of the IHTP - Integrated Health Technology Package**
  - **Clinical process mapping and resources planning tool**





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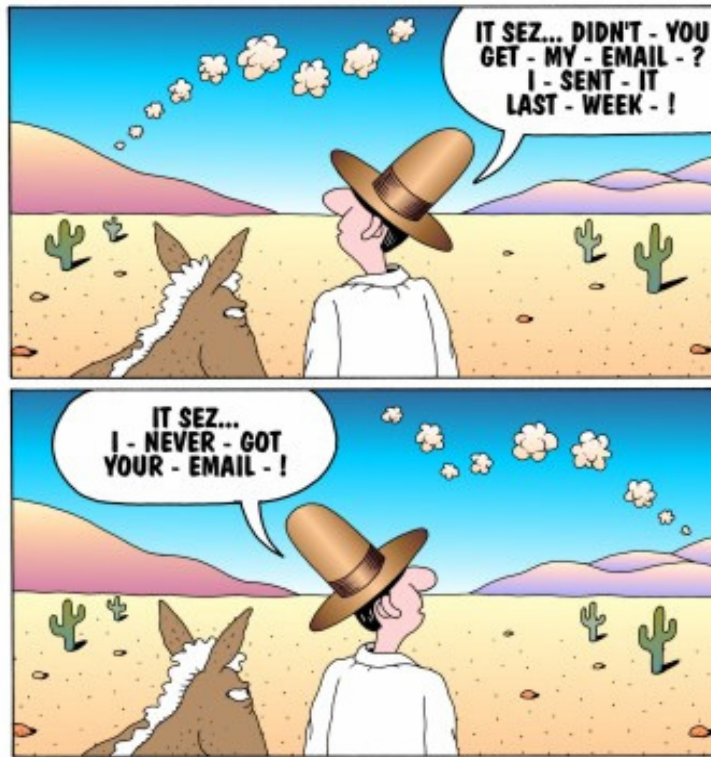
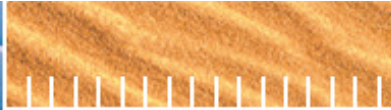
## **STI Experience: Health Management Information Systems**

- **GAVI “Data Quality Audits” in Chad, Madagascar, Mozambique, Ivory Coast, Angola**
- **GFATM:**
  - **Pilot testing of “Data Quality Audit Tool” in Niger**





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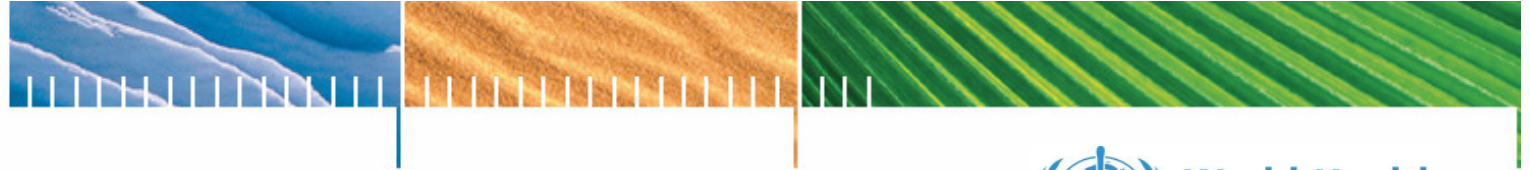
***„No single technology will be suitable for all situations. Innovative and creative combinations of old and new ICTs will provide added value and new possibilities.“***

infoDev 2006





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# Programme

<b>Welcome &amp; Introduction</b>	<b>9:30 - 10:00</b>
<b>Telemedicine and eHealth</b>	<b>10:00 – 12:00</b>
<b>Knowledge Management</b>	<b>12:30 – 13:00</b>
<b>Lunch</b>	<b>14:00 – 15:30</b>
<b>eLearning</b>	<b>14:00 – 15:30</b>
<b>Health Information Systems</b>	<b>15:45 – 16:30</b>
<b>End of the Symposium</b>	<b>17:00</b>

**....and then:**

***Apero* to celebrate the nomination of the SCIH as a  
WHO-collaborating Centre for Health Systems  
Development**