



EVENTS @ WSIS 2005

The Club of Rome and UNESCO in Partnership with WorldSpace have the honor to announce their joint activity program at WSIS in Tunis.

Capacity-building and education are the keys for development. The IC-technologies offer considerable new opportunities for empowering people in local communities.

Non-formal education is a powerful instrument for elevating people especially the young and women to get out of the vicious circle of ignorance and poverty.

At the same time it has to be insured that environmental standards are being kept.

1 ICT FOR CAPACITY-BUILDING

2 ICT FOR SUSTAINABILITY AND ENVIRONMENTAL ISSUES

3 ONE LAPTOP PER CHILD

4 LOW COST TECHNOLOGIES FOR AFRICA

16/11 ICT FOR CAPACITY-BUILDING

EVENT# 107-1
WEDNESDAY
9-11 AM
ROOM GAFSA

Presentation and discussion on the topic *ICT for Capacity-Building: Critical Success Factors*. Results and recommendations of the World Conference, jointly organized by the Club of Rome and UNESCO, held in Paris at UNESCO in May 2005. Introduction to the Proceedings and DVD of the joint Conference. Perspectives of New Technologies.

Chairs: Raoul Weiler, Roland A. Burger

- Panelists:
- Mark Shuttleworth, Ubuntu Foundation
 - Nancy Hafkin, Africa Internet Initiative
 - Ashok Jhunjhunwala, Indian Institute of Technology
 - Sohair Wastawy, Library of Alexandria
 - Magdy El-Hussainy, ReDSOFT
 - Osama Manzar, Digital Empowerment Foundation
 - Jan Stoop, Newtec
 - Robert Guerra, Privaterra
 - Joerg Geier, The Club of Rome

Bridging the digital divide requires extensive training of the teachers and embedding the applications in local languages and practices. Installing hardware is not enough for success; partnership between local authorities, NGOs and trainers are essential for success.

Reducing the divide will be strongly enhanced through cost reduction on investment and ownership of infrastructure for: satellite radio communication; cell phone devices with very low connection costs; laptops such as the US\$ 100 PC of the MIT Media Lab.



17/11
EVENT# 107-2
THURSDAY
13-15 PM
ROOM GAFSA

ICT FOR SUSTAINABILITY AND ENVIRONMENTAL ISSUES

Information Technology is not only changing the daily life of more and more humans on Earth, it has also a huge impact on the environment. On the one hand, the new tools are used for environmental protection, for monitoring and evaluating of the state of our natural environment. On the other hand, they can have negative impact as well: the paperless office, even though possible in principle remains an exception so far, energy consumption of the electronic devices has been increased and since there are now hundreds of millions of electronic products in use - with a rather short life span, electronic waste became a problem. Even the question, whether IT does more substitute physical transport or induces new transport remains open. The workshop will both demonstrate the chances which IT offers for the environment and discuss the problems as well as possible solutions. The challenge of the future will be to combine low cost technology with high environmental standards.

The workshop is open for all interested parties. If participants would like to make a presentation, they are invited to do so.

Chairs: Thomas Schauer, Raoul Weiler

- *Introduction: ICT and Resource Consumption*
Thomas Schauer, European Support Centre of the Club of Rome, Austria
- *Electronic versus Print Media: Who is the Ecological Winner?*
Thomas Ruddy, EMPA, Switzerland
- *IT Applications for Environmental Protection - Geographical Information Systems*, Maja Andjelkovic, IISD, Canada
- *Quo Vadis, Electronic Waste?*
Matthias Feilhauer, European Support Centre of the Club of Rome, Austria
- *Satellite Radio Powered with a Lamp Run with Biofuel*,
Pierre Genillon, WorldSpace, France
- *Policy Options on ICT to Protect the Environment*
Carlos Rodriguez, IPTS, Spain



18/11

FRIDAY
12-13.30 PM

ROOM EXPO 5
ICT4ALL
EXHIBITION

ONE LAPTOP PER CHILD

12 - 13.30 PM ■ *The education project One Laptop Per Child -OLPC- the new concept of the \$100 laptop*
Professor Nicholas Negroponte, MIT Media Lab.

The proposed \$100 machine will be a Linux-based, full-color, full-screen laptop that will use innovative power (including wind-up) and will be able to do most everything except store huge amounts of data. These rugged laptops will be WiFi- and cell phone-enabled, and have USB ports galore. Its current specifications are: 500MHz, 1GB, 1 Megapixel.



Why do children in developing nations need laptops?

Laptops are both a window and a tool: a window into the world and a tool with which to think. They are a wonderful way for all children to "learn learning" through independent interaction and exploration.

LOW-COST TECHNOLOGIES FOR AFRICA

Chairs: Raoul Weiler, Roland A. Burger

Panelists:

- Alan Kay, ViewPoints Research
- Christine Leurquin, SES GLOBAL
- Ndidi Nnoli Edozien, tt30
- Todd Lester, tt30
- Mike Stead, GSM Association

"Africa faces many challenges in achieving its ICT development goals. Many of these are linked to the larger challenges facing the continent with the highest number of least developed countries: war, poverty, disease and the need for good governance. With visionaries leading the way in the ICT sector, and with the support of ITU and its Telecommunication Development Bureau, hope for large-scale development is on the horizon." (ITU Telecom Africa 2004)

