Human Capacity Building Initiatives

Using the Blended Learning Approach

2nd Facilitation Meeting on Action Line C7: e-Learning
Geneva, Switzerland
From 15.00 to 18.00 hours at ITU Headquarters, Rooms K1 and K2
What is the Blended Learning Approach

- A learning solution that uses a mixture of e-learning and face-to-face instructor-led courses
HCB Human Capacity Building

ITU Initiatives or projects using the Blended Learning Approach

- ITU e-Learning Centre
- HR e-Communities
- Centre of Excellence (CoEs)
- Internet Training Centres Initiative (ITCI)
- ToT (Tap on Telecom) (TOT)
- e-Community Learning & Information Centres
HCB Human Capacity Building

Delivery Mechanism

- Networks of Regional and Local Experts
- Face to Face (Workshops)
- ITU eLearning Platform
- Other eLearning Platform

Target Population

- Managers and high level professionals from Telecom Sector: Administrations, Operators, Regulators, etc
- Students, Technical Staff, Young entrepreneurs (focus on women, youth and disabled populations)

Projects

- CoEs
- T0T
- EC
- ITCI

Initiatives

- e-CLICs

DAP (Doha action plan)
- Training Sessions
- HRD/M programme 5
- Training Agreements
The ITU e-learning platform has been established since 95 as a tool to deliver distance training in developing countries.

This platform has 2 major goals: Promoting the e-Learning culture in the telecommunication sector and to develop training programs.

Each year more than 1000 participants are trained through more than 50 on-line courses in different domains.

The HRD e-learning activities are carried out through different projects and initiatives, collaborating with telecom companies, universities, research institutes and administrations.
HCB Human Capacity Building

The ITU e-Learning Platform Structure

Access
- Home
- Dedicated class-room
- Dedicated Working position
- Working position

Players
- Instructor
- Facilitator
- Tutor
- Participant

Corporate INTRANET or INTERNET

Support Facilities and Services
- Model systems + data bases
- Support (E-mail, etc)
- Training materials
- Administration and follow-up
- Reference materials

Networks of Regional and local experts
The ITU e-Learning Network Platform, is a set of web-based applications that can be use as a stand alone portal or can be use a feed to multiple site portals.

Through these applications, each portal on the network can have a secure access to administrative information, online classes, student portfolio, virtual libraries.
HCB Human Capacity Building

Major activities


- Postgraduates programmes:
  - Strategic Management of Telecommunications online
  - Telecommunications Technologies online
  - In partnership with ICU, Korea – scholarships for the Global IT Technology Program
HCB Human Capacity Building

The ITU e-learning Centre – key figures

Key Figures for 2006:
- Participants: 1200
- Training Providers: 35
- Beneficiary countries: 60
- Beneficiary organizations: 200

Public Digital Library:  http://www.itu.int/ITU-D/hrd/elearning/
HCB Human Capacity Building

Creating HR e-Communities

- Building a network of HR managers to respond to the evolving HR trend;
- Creation of an HR virtual community to discuss common-interest topics;
- Strengthening of the HR function of regulatory authorities;
- Organization of regional meetings on new trends in the HRM/HRD function;
- And development of training evaluation models to identify the training impact in the working environment.

All of the above is conceived with a view to ensuring the continuous strengthening of the human, institutional and organizational capacities of developing countries.
ITC Initiative for Developing Countries launched in May 2001 in partnership with Cisco Systems.

To provide students and professionals in developing countries with affordable training in Internet Protocol (IP) networking.

There are now 66 centres, in 56 countries

More than 3,500 students currently enrolled

More than 4,000 graduates

20 centres have been expanded to include varied curriculum such as cabling, wireless and IT essentials
HCB Human Capacity Building

The ITCI Project, benefits among others…

The students
- Train-the-trainers - Two instructors per institution are trained. The project provides funding for tuition fees, travel, lodging and boarding.
- Curriculum - The project provides free access to the curriculum (web-based materials) for self-learning.
- Lab equipment - The project provides free of charge one set of lab equipment to each selected institution.

The institute
- Provides at least two full time instructors
- Provide the required infrastructure
- Recruit students and deliver the training to them.

Strong Gender Component
HCB Human Capacity Building

The ITCI Project worldwide

LATIN AMERICA and CARIBBEAN
Academies: 9
Graduates: 339
Continuing students: 470
Female percentage: 24.5%
Active Instructors: 41
Female Instructors: 10

AFRICA
Academies: 17
Graduates: 1369
Continuing students: 1029
Female percentage: 36.4%
Active Instructors: 65
Female Instructors: 12

ARAB REGION
Academies: 7
Graduates: 441
Continuing students: 513
Female percentage: 24.37%
Active Instructors: 26
Female Instructors: 6

ASIA PACIFIC
Academies: 21
Graduates: 532
Continuing students: 744
Female percentage: 19.2%
Active Instructors: 53
Female Instructors: 11

EASTERN EUROPE & CIS
Academies: 12
Graduates: 410
Continuing students: 373
Female percentage: 22.25%
Active Instructors: 46
Female Instructors: 8

Data as of Sept 2006

Participants:
Trained: 3500
Training: 4000
HCB Human Capacity Building

EC-ITU Internet Training Centres

- A project jointly funded by the EC & ITU to provide skills in open source technologies and promote entrepreneurship.
- 140-hour course – using a blended learning approach to build skills
- Online curriculum developed on “How to build e-Secure Web-Based Services”
  - Student Module
  - Instructor Module
  - Learning Tracking Utility
HCB Human Capacity Building

ITU-Microsoft Training Centres

Project Rollout May 2005

- Zambia
- Gambia
- Uganda
- Rwanda
- Ethiopia

Training in Basic ICT skills, providing software, curriculum & training of trainers
HCB Human Capacity Building

TAP ON TELECOM

**Technical Assistance Program for developing countries**

**Objective:** Next Generation **Telecom** Networks

**Building Economic Prosperity through Knowledge and Innovation**

_A partnership between IIT, the International Telecommunication Union and its Centre of Excellence Network, with the support of the Canadian Government_
HCB Human Capacity Building

The **TAP ON TELECOM** hands-on approach

... through remote access to **IIT** platform

Remote access to IIT’s Montreal Lab for training on Fiber Optics Network, MPLS, SDH, ATM, IP Cyber Security, as well as Optical Testing, Network Monitoring and Performance Management

A VPN Gateway (*Hosted in a Virtual Machine on the Teacher’s laptop*) will be installed to interconnect the classroom Ethernet network setup to the IIT LAB network.
The eCLICs initiative is proposed to provide ICT Community Learning and Information Centres connected via satellite or other means to the Internet at rural schools that will also serve as hubs for community development.

“e-exclusion” - communities in geographically remote areas are being further marginalized and disadvantaged by not having access opportunities.
HCB Human Capacity Building

NEPAD e-Schools Project

- ICT for Management
- ICT for Education
- Health Literacy
- ICT Skills

- 96 schools in Africa involved in the pilot
- ITU involved as a partner
- Training of Teachers in ICTs
HCB Human Capacity Building

Be a Partner!

- **Provide Expertise for**
  - any of the listed domains in any/all regions of the world in any language (English, French, Spanish, Russian, Arabic, Chinese). To participate, lead, contribute to the workshops and CoE activities.
  - distance learning, web-based curricula, e-learning courseware and tools. To serve as a tutor for any of the online courses that we conduct in the various domains.

- **Contribute Reference/Training Material for**
  - Online training course/content for the E-learning Platform.
  - Content in other forms such as providing relevant reference materials.
HCB Human Capacity Building

Hand-In-Glove Partnerships
Building Human Capacities

Opportunities:

- Project expansion
- Pilot initiatives
- New projects
HCB Human Capacity Building

Thank You

ITU/BDT/HCB
http://www.itu.int/ITU-D/hrd/