



**ITU Regional Seminar for the Africa Region  
on Conformance and Interoperability Testing  
Centre(s)  
Accra (Ghana), 4-6 July 2011**

**Telecommunication training and funding  
organizations**

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**Issues for Training**

- Targeted courses e.g. for Conformity Assessment and Type Approval
- Training with hands-on experience in a lab e.g. working in an operational lab with experts
- Sponsored courses e.g. fully funded travel, accommodation and instruction
- Partially sponsored courses e.g. on site living expenses paid, but travel funds required
- Private sector for profit courses e.g. fully loaded fees including fees for instructors
- Company sponsored training dealing largely or exclusively with promotion of their technologies



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## ITU Human Capacity Building Program 1/2

- Carried out through:
  - regular ITU-D program activities
  - Special projects
  - ITU Centres of Excellence
  - Internet training centres
  - On-request advisory and consulting services
- ITU Academy – a BDT initiative
  - Delivered in cooperation with partners – extensive curriculum
  - Providing face-to-face and distance learning
  - Visit the ITU Academy portal at <http://academy.itu.int/>
- ITU Centres of Excellence
  - Provides regional focal points for training/education
  - Supported by donors and other partners
  - Operating in Africa, Americas, Arab States, Asia-Pacific, CIS countries, Caribbean and Europe
  - Now being merged into a global training network of shared resources



## ITU Human Capacity Building Program 2/2

- ITU Internet Training Centres (ITCs)
  - Focus on creation and enhancement of ICT and related skills
  - BDT works through partnerships with university and training bodies to set up ITCs
  - Provides access to affordable quality training using face-to-face and distance learning
  - ITCs complement technical training with soft skills such as entrepreneurial skills to facilitate self employment
  - Check out the website: <http://academy.itu.int/events/item/34-itu-academy-activities-in-the-regions>





## Examples of Training Organizations and courses 1/3

- **Commonwealth Telecommunications Organization (CTO) [www.cto.int](http://www.cto.int)**
  - a professional training and capacity building programme covering telecommunications and ICT
  - offered to all parties – Ministries, regulators, operators and others
  - the programme is funded through annual financial contributions from its members
  - Lower fees for members – about 50% lower
  - Visit CTO course schedules and fees at:  
<http://www.cto.int/PDT/ScheduledCourses/tabid/219/Default.aspx>



## Sample of CTO courses and fees

- [ICT Tools for Management and Planning](#) Nairobi, Kenya 17/05/2010 to 20/05/2010 £699/ £1,099
- [Next Generation Networks](#) Ndola, Zambia 14/06/2010 to 18/06/2010 £799/£1,199
- [Fibre Optic Access Networks](#) Limbe, Cameroon 28/06/2010 to 02/07/2010 £799/ £1,199
- [Convergence & Talent Management](#) Botswana 05/07/2010 to 09/07/2010 £799/ £1,199
- [IP Networking including Bandwidth Optimization & Expansion](#) Suva, Fiji Islands 26/07/2010 to 30/07/2010 £799/£1,199
- [GSM Technologies \(2G, 2.5G, EDGE, GPRS\)](#) Gaborone, Botswana 02/08/2010 to 06/08/2010 £799/£1,199
- [Frequency Planning & Spectrum Management](#) \* Bamenda, Cameroon 09/08/2010 to 13/08/2010 £799/£1,199
- [Internship in Marketing \(exchange program\)](#) \* South Africa 16/08/2010 to 20/08/2010 £799/£1,199
- [Internship on ADSL Technology](#) \* South Africa 16/08/2010 to 20/08/2010 £799/£1,199





## Examples of Training Organizations and courses 2/3

- **Telecommunications Executive Management Institute of Canada (TEMIC) [www.temic.ca](http://www.temic.ca)**
  - non-profit organization based in Montreal (Canada)
  - mandate of assisting developing countries in expanding their telecommunications sector by improving the managerial abilities of senior telecommunications managers
  - holds seminars at various locations across Canada
  - supported by 35 different organizations from the Canadian telecommunications industry
  - special ties with other international associations such as the Commonwealth Telecommunications Organisation (CTO) and the Caribbean Telecommunications Union (CTU)
  - Participation in TEMIC programs is by invitation from the Institute
  - Participants' living expenses during their stay in Canada are generally paid for by the Institute.



## TEMIC COURSES

### TEMIC SEMINARS:

- Telecommunications Senior Management
- Marketing and Customer Services Management in Telecommunications
- Rural Telecommunications Management
- Strategic Management in Telecommunications
- Telecommunications Policy, Regulation and Transition Management
- Telecommunications Management in the New Environment
- ICT Development and Management





## Examples of Training Organizations and courses 3/3

- **NEOTELIS** [www.neotelis.com](http://www.neotelis.com)
  - Founded in 1997 and headquartered in Montreal, Canada,
  - assists telecommunications organizations worldwide in consulting and telecom training
  - clients in Africa, the Americas and the Caribbean, Asia, Europe, the Middle East and Oceania
  - has performed mandates in more than 100 countries around the world for operators, regulators, governments and policy-makers
  - offers a wide range of Training Programs in the key areas of the telecommunications sector: Strategy and Management, Marketing and Sales, Engineering Operations, Finance, Human Resources, Policies and Regulation and Information and Communications, Technologies for Development (ICT4D)



## Sample of Neotelis courses 1/2

- **Strategy & Management**
  - **MGT-100E Mini MBA in Telecommunications**  
11-22 July 2011 - Montreal, Canada (in English)
  - **MGT-101E Strategic Thinking & Planning in Telecommunications**  
27 June - 1 July - London, United Kingdom
  - **MGT-104E Business Intelligence in Telecommunications**  
25-29 July 2011 - Amsterdam, Netherlands
- **Engineering, Networks & Technologies**
  - **ENG-207E Next Generation Networks**  
14-18 November 2011 - Miami, USA
  - **ENG-412E TCP/IP Network Fundamentals**  
17-28 October 2011 - Montreal, Canada (in English)
  - **ENG-507E Fixed & Mobile WiMAX: Planning, Design & Deployment**  
19-23 September 2011 - London, United Kingdom





## Sample of Neotelis courses 2/2

- **Policies & Regulations**
  - **REG-100E Telecom Regulation Essentials**  
26 September-7 October 2011 - Montreal, Canada (in English)
  - **REG-101E Management of Regulatory Affairs**  
31 October-4 November 2011 - Cape Town, South Africa
  - **REG-106E Competition Issues in Telecommunications**  
4-8 July 2011 - London, United Kingdom
- **International IP Interconnection**
  - **III-100E Transitioning International Voice Interconnections to IP**  
4-5 April 2011 - Singapore, Singapore  
30-31 May 2011 - Montreal, Canada (in English)  
8-9 November 2011 - London, United Kingdom
  - **III-200E International IP Interconnection - Business Aspects**  
27-29 September 2011 - Amsterdam, Netherlands
  - **III-301E International IP Interconnection - Technical Aspects**  
6-8 April 2011 - Singapore, Singapore  
1-3 June 2011 - Montreal, Canada (in English)  
13-15 June 2011 - Paris, France (in English)



## Funding Organizations 1/3

- **INTERNATIONAL AGENCIES**
  - **United Nations Industrial Development Organization (UNIDO)**
- **MULTILATERAL AGENCIES**
  - **African Development Bank (AfDB)**
  - **Asian Development Bank (ADB)**
  - **Banque Arabe pour le Développement Économique en Afrique (BADEA)**
  - **Banque Ouest Africaine de Développement (BOAD)**
  - **Caribbean Development Bank (CDB)**
  - **East African Development Bank (EADB)**
  - **European Bank for Reconstruction and Development (EBRD)**
  - **European Commission (EC)**
  - **European Investment Bank (EIB)**
  - **Inter-American Development Bank (IADB)**
  - **International Finance Corporation (IFC)**
  - **Islamic Development Bank (IsDB)**
  - **World Bank**
  - **WorldTel**





## Funding Organizations 2/3

### ■ BILATERAL AGENCIES

- Australian Agency for International Development (AusAID)
- Austrian Development Cooperation Department (DCD)
- Brussels Cooperation (BADC)
- Canadian International Development Agency (CIDA)
- International Development Research Centre (IDRC)
- Danish International Development Agency (DANIDA)
- Finnish Department for International Development Cooperation (DIDC)
- Agence Française de Développement (AFD)
- Natexis (new name of Group Credit National – BFCE)
- Bundesministerium für Wirtschaftliche Zusammenarbeit und Entwicklung (BMZ)
- Kreditanstalt für Wiederaufbau (KfW)
- Agency for Personal Service Overseas (APSO)
- Overseas Economic Cooperation Fund (OECF)



## Funding Organizations 3/3

### ■ BILATERAL AGENCIES contd

- Direzione Generale per la Cooperazione allo Sviluppo (DGCS)
- Mediocredito Centrale (MCC)
- Japan International Cooperation Agency (JICA)
- New Zealand Development Cooperation Division (DEV)
- Swedish International Development Authority (Sida)
- Swiss Agency for Development and Cooperation (SDC)
- Commonwealth Development Corporation (CDC)
- Department for International Development (DFID)
- United States Agency for International Development (USAID)
- Abu Dhabi Fund for Development (ADFD)
- Arab Fund for Economic and Social Development (AFESD)
- Kuwait Fund for Arab Economic Development (KFAED)
- Saudi Fund for Development (SFD)





## Conclusions

- Excellent training and education programs available through the auspices of ITU-D
- Training widely available for both telecommunications senior management and technical staff through private and semi-private organizations with excellent credentials and experience
- Training programs very up to date covering the latest topics
- Multiple funding organizations interested in financing telecommunications programs and providing assistance – many in cooperation with the ITU
- Some funding organizations emphasize specific focus on funding of regulatory initiatives



# THANK YOU

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