Regional Seminar on Costs and Tariffs and meeting of the Tariff Group for Africa (TAF)

Djibouti, 28 to 31 January 2008

Papa Lamine Sylla
Trainer/Consultant
CoE/ESMT

TAF Group Regional Seminar (Djibouti, 2008)

CoE/ESMT capacity-building products

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Contents

- **The school**
- **Initial training**
- **Continuing professional development (CPD)**
- **Expertise and foresight**
- **The future**

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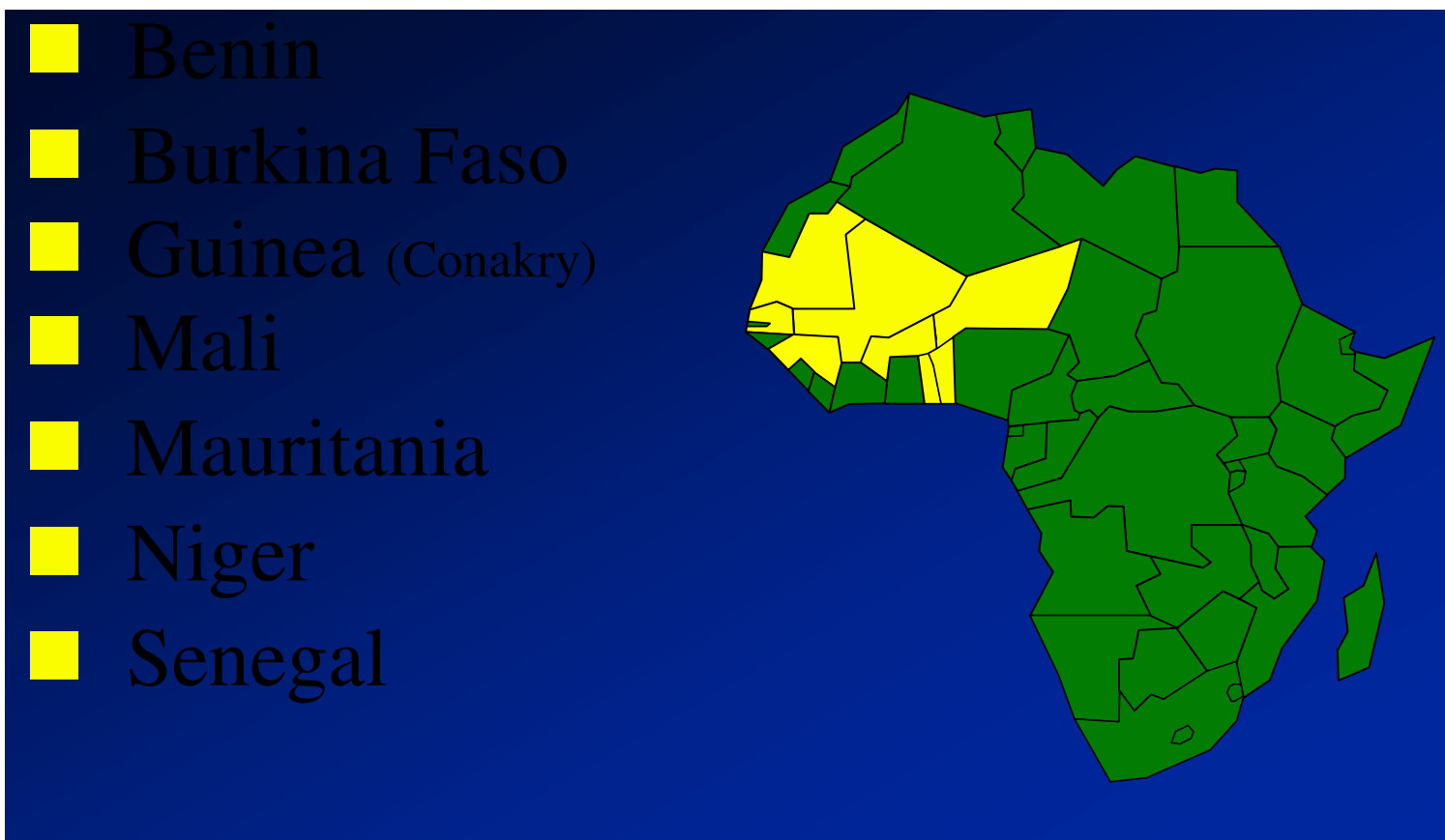
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The school

ESMT, an African institution

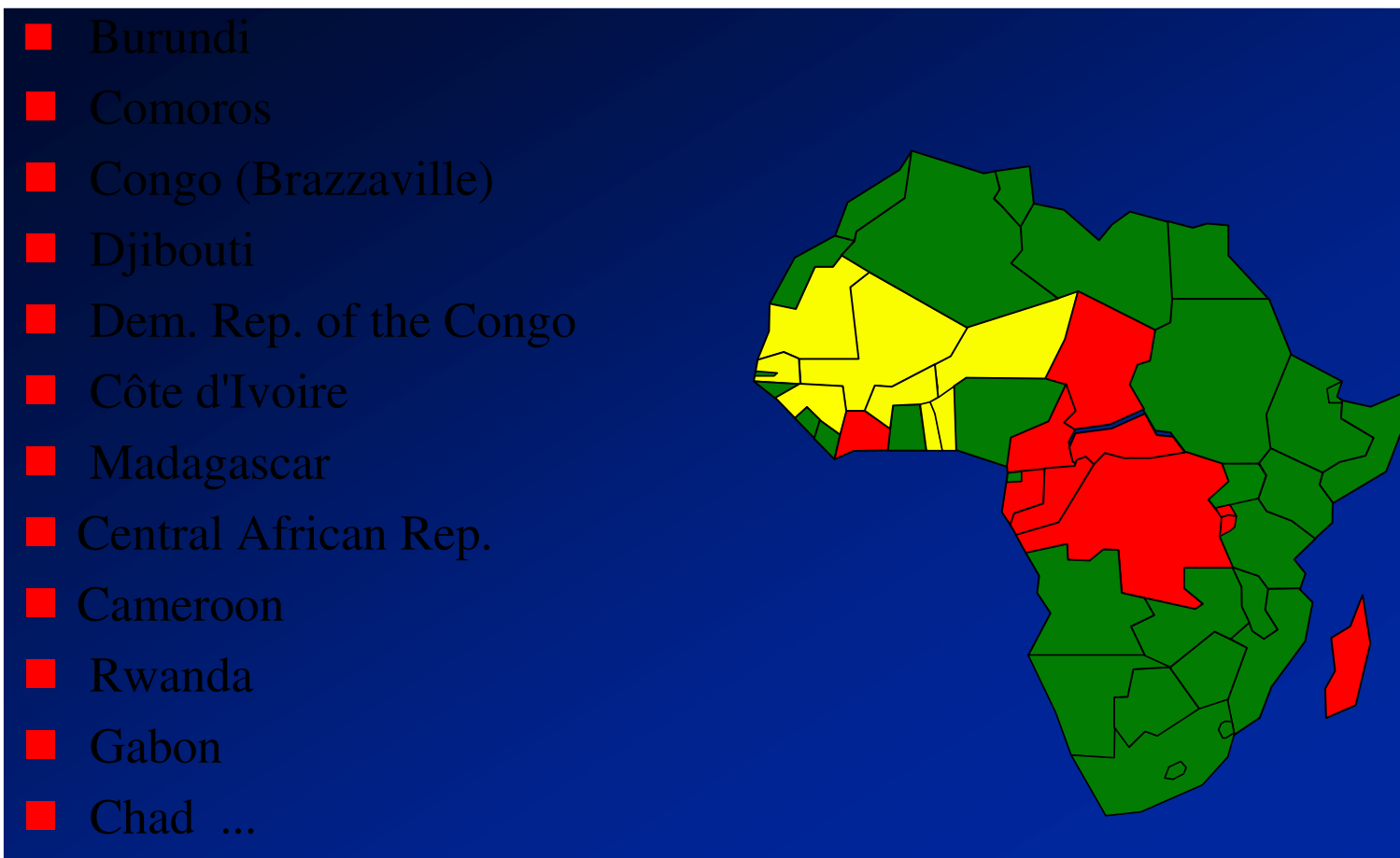**Set up in 1981 (project backed by UNDP, ITU and cooperation from France, Switzerland and Canada)**

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7 member countries

- Benin
- Burkina Faso
- Guinea (Conakry)
- Mali
- Mauritania
- Niger
- Senegal

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Large number of clients ...

- Burundi
- Comoros
- Congo (Brazzaville)
- Djibouti
- Dem. Rep. of the Congo
- Côte d'Ivoire
- Madagascar
- Central African Rep.
- Cameroon
- Rwanda
- Gabon
- Chad ...

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Support from the international community

UNDP and ITU

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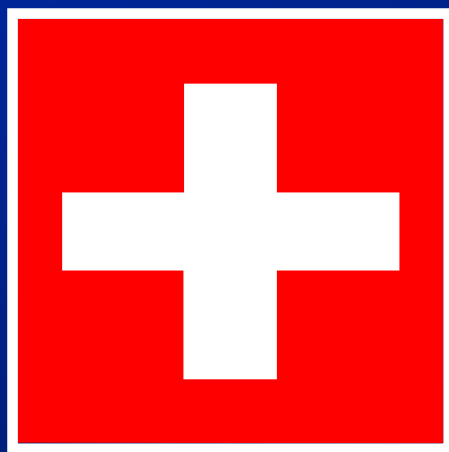# Support from the international community ...

France

Support from the international community ...

Switzerland

swisscom

Support from the international community ...

Canada

ESMT

- **ITU CoE (2000);**

- **Member of CAMES (2003);**

- **Label of Excellence from the West African Economic and Monetary Union (WAEMU) (2005);**

- **Regional Academy CISCO, IT Microsoft;**

- **INTIF LabTIC;**

- **etc. ...**

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1. The school

- **At the service of 22 countries**
  - **7 member countries (….)**
  - **22 client countries**
- **3 basic texts**
  - **An intergovernmental agreement**
  - **A headquarters agreement**
  - **Staff regulations**
- **Governance**
  - **Board of administrators**
  - **Oversight committee**
  - **Management**
  - **Department of Training and Research**
- **ESMT missions**
  - **Initial training and CPD**
  - **Expertise and consultancy**
  - **Foresight and technological activity**
- **Certification, recognition and label**
  - **ITU centre of excellence – 2000**
  - **CAMES: recognition and certification – 2003**
  - **WAEMU centre of excellence label – 2005**
  - **CAMES: member institute of CAMES – 2005**
  - **LMD (L = Bachelor's; M = Master's; D = Doctorate) standard – 2006**

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Human resources:

- 30 permanent staff, including
- 12 teachers
- a large pool of **freelances**

# Turnover, initial training and CPD: last five years

Year	Initial training	CPD	Total
2006-2007	1 054 150 000	302 977 340	1 357 127 340
2005-2006	944 050 000	265 015 720	1 209 065 720
2004-2005	810 675 000	269 426 220	1 080 101 220
2002-2003	690 622 222	197 264 463	887 886 685
2001-2002	505 400 000	265 355 121	770 755 121

TABLE 1 : ESMT TURNOVER IN CFA FRANCS

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EVOLUTION OF TURNOVER
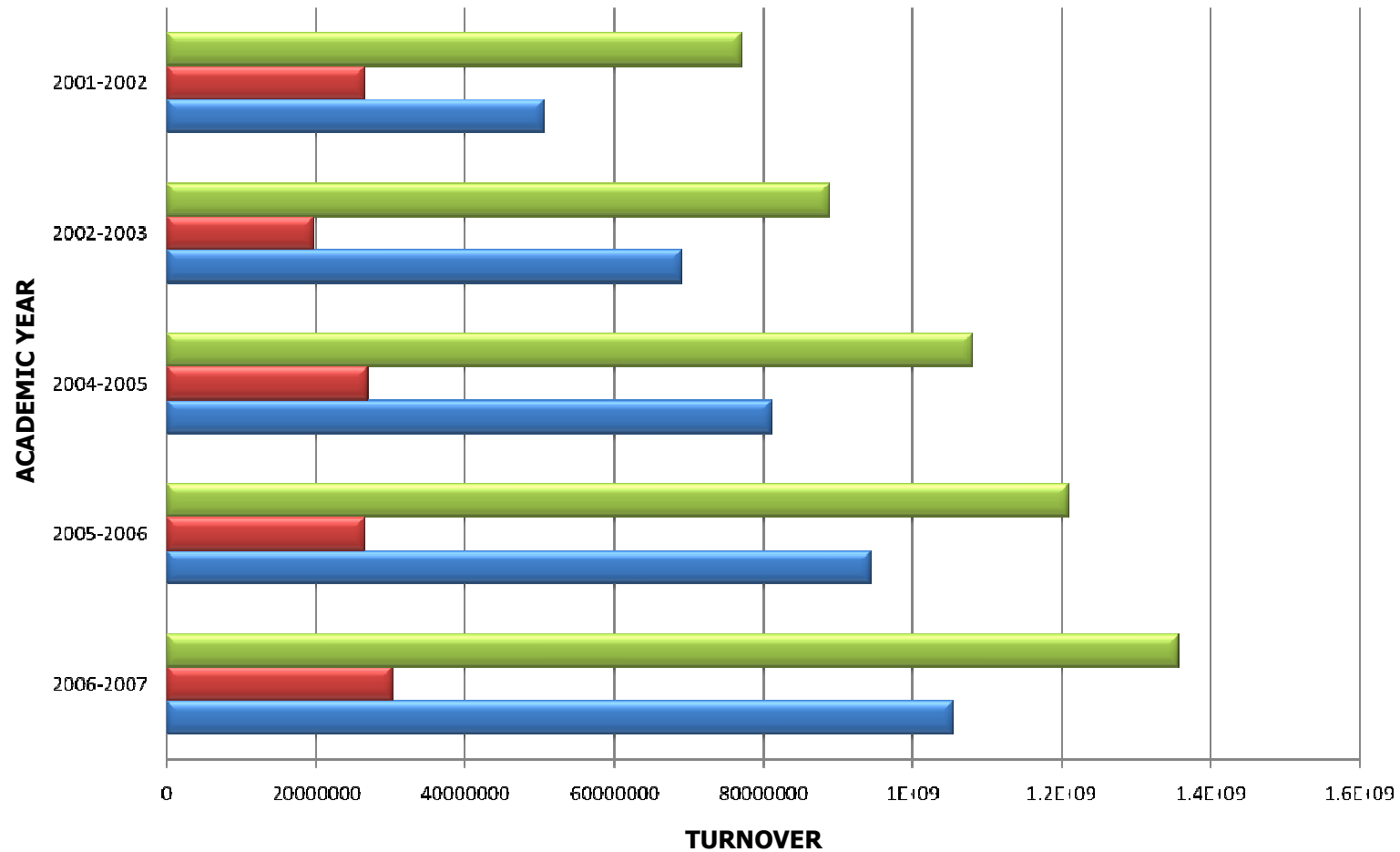
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ESMT

2. Initial training

ESMT trains young Africans in order to supply ICT enterprises with competent and dynamic staff at the three international university levels and equipped for the world of work

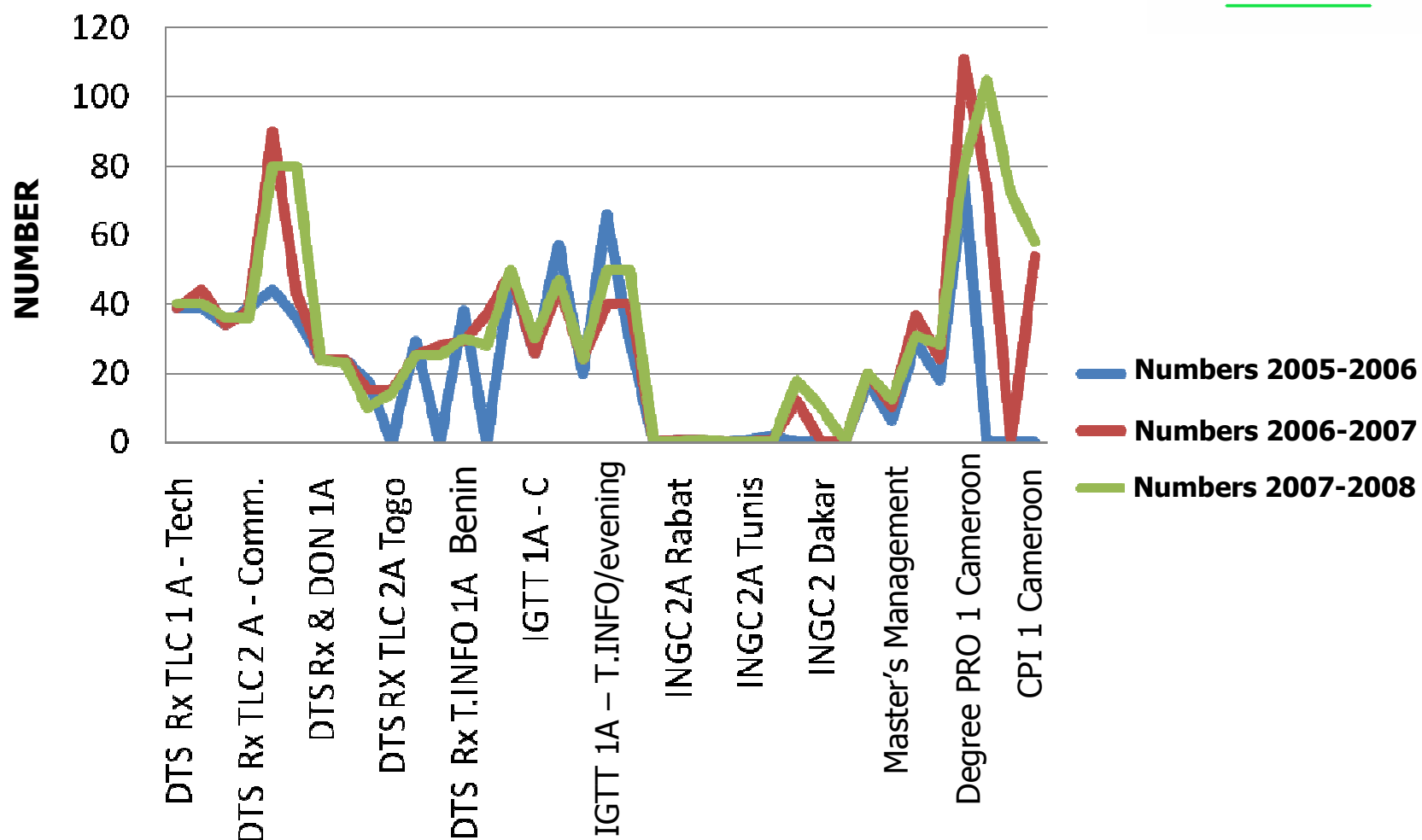TAF Group Regional Seminar (Djibouti, 2008)

2. Initial training

Our products

- **1st cycle – Senior technician (DTS) or degree: Bac +2 or Bac +3**
  - DTS telecom networks (Bac +2)
  - DTS tele-informatics (Bac +2)
  - DTS networks and data (Bac +2)
  - Professional degree in ICT (Bac +3)
  - General degree in engineering science (Bac +3)
- **2nd cycle – Telecom engineer (IGTT) or Design engineer (INGC): Bac +4 or Bac +5**
  - IGTT telecom networks (Bac +4)
  - IGTT tele-informatics (Bac +4)
  - INGC or Master's degree in ICT (Bac +5)
- **3rd cycle – Specialized master's or doctorate: Bac +5 or Bac +8**
  - Master's in telecom networks (Bac +5)
  - Master's in tele-informatics (Bac +5)
  - Master's in telecom management (Bac +5)
  - Doctorate in ICT (Bac +8)

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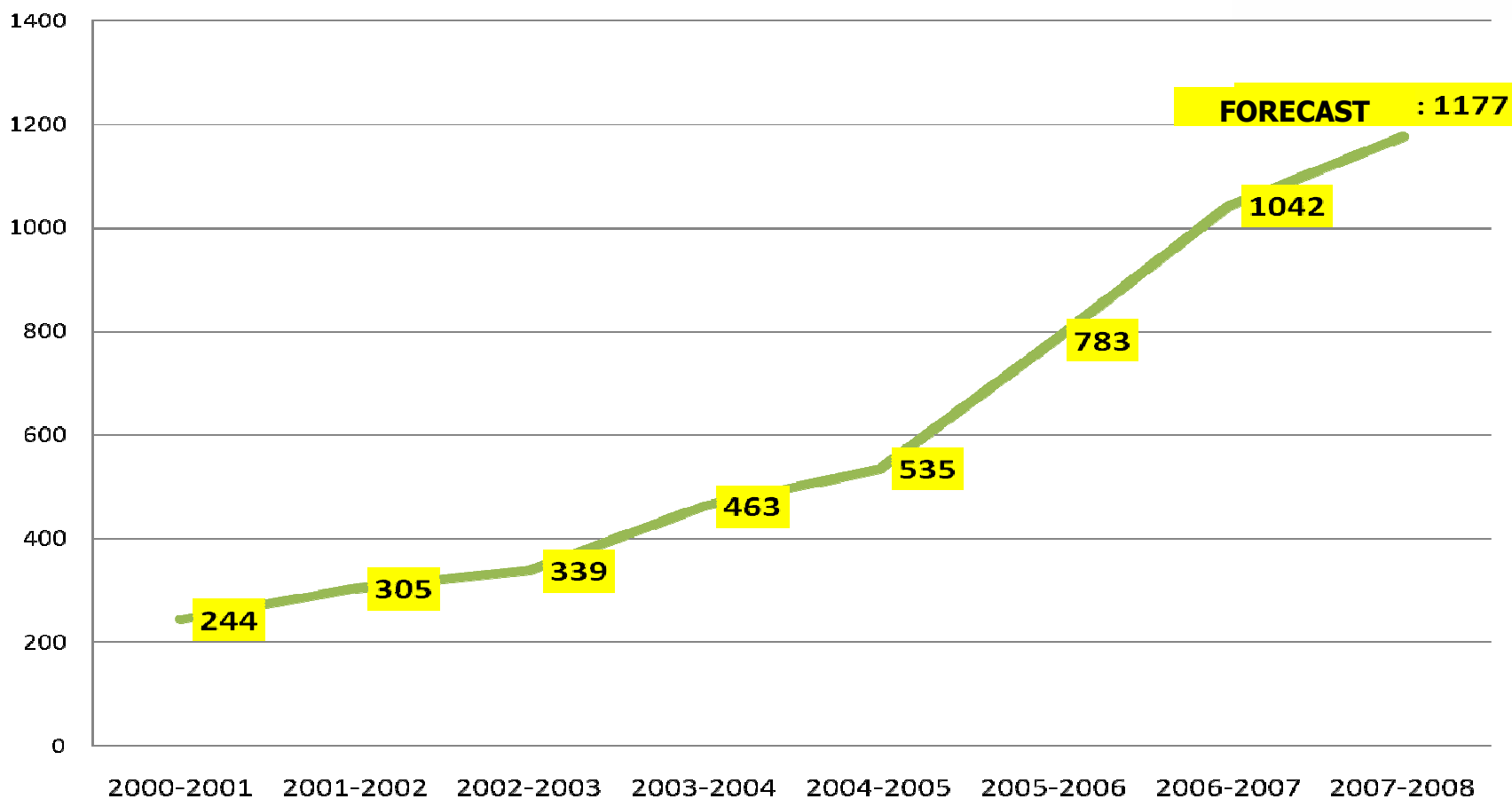EVOLUTION OF ESMT NUMBERS

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EVOLUTION TOTAL ESMT NUMBERS

FORECAST : 1177

1042

783

535

463

339

305

244

2000-2001 2001-2002 2002-2003 2003-2004 2004-2005 2005-2006 2006-2007 2007-2008

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2. Initial training

Ecole Supérieure Multinationale
des Télécommunications
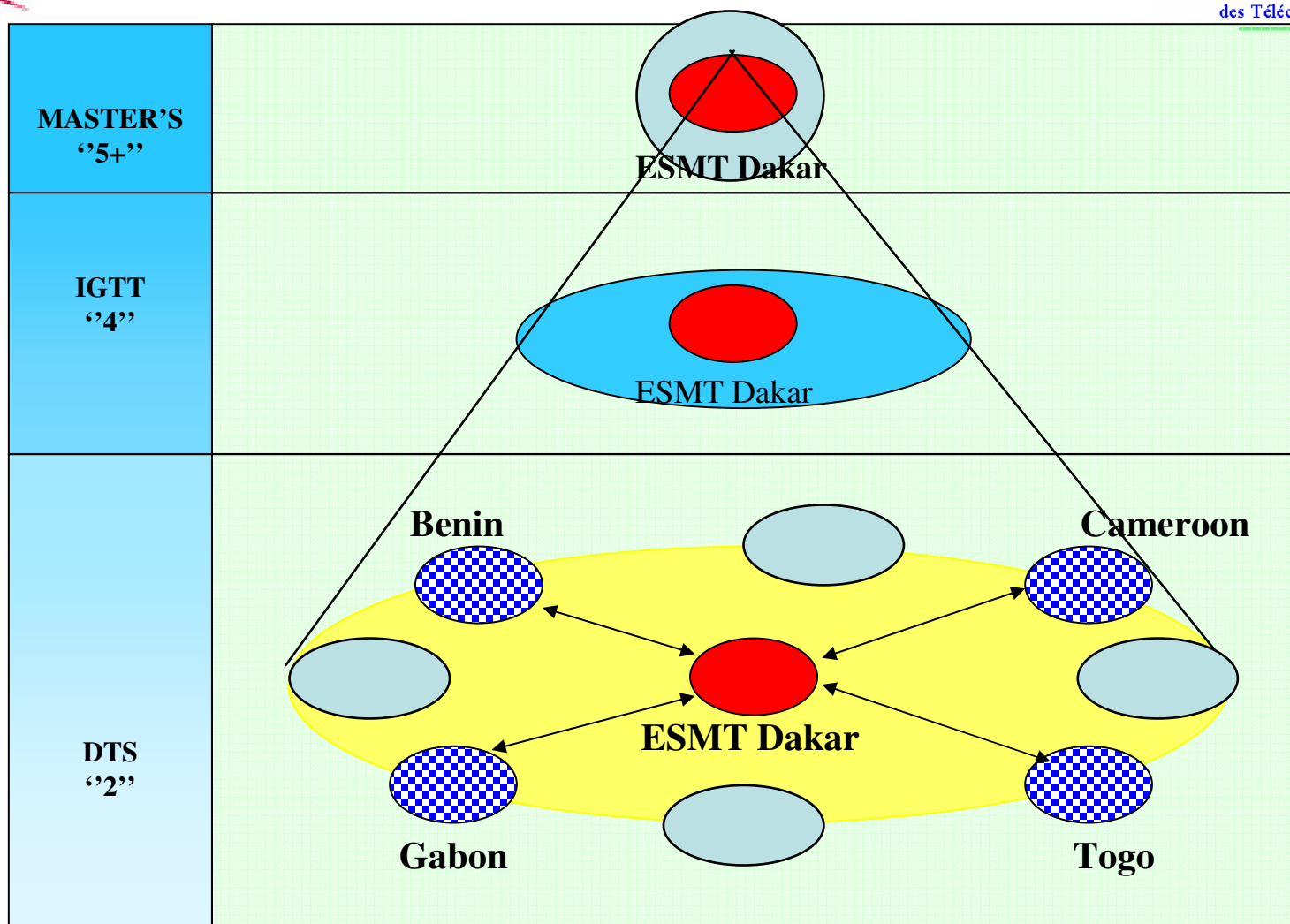
- **Retain current DTS (Bac +2), IGTT (Bac +4) and Master's (Bac +5) until demand dries up**

- **Delocalize level 1 to national branches, in order to get closer to the market and increase training capacity in line with national needs**

- **Gradually migrate to Degree – Master's – Doctorate (LMD)**

- **Position ESMT as the answer to Subsaharan Africa's need for a prestigious higher education institute of international repute**
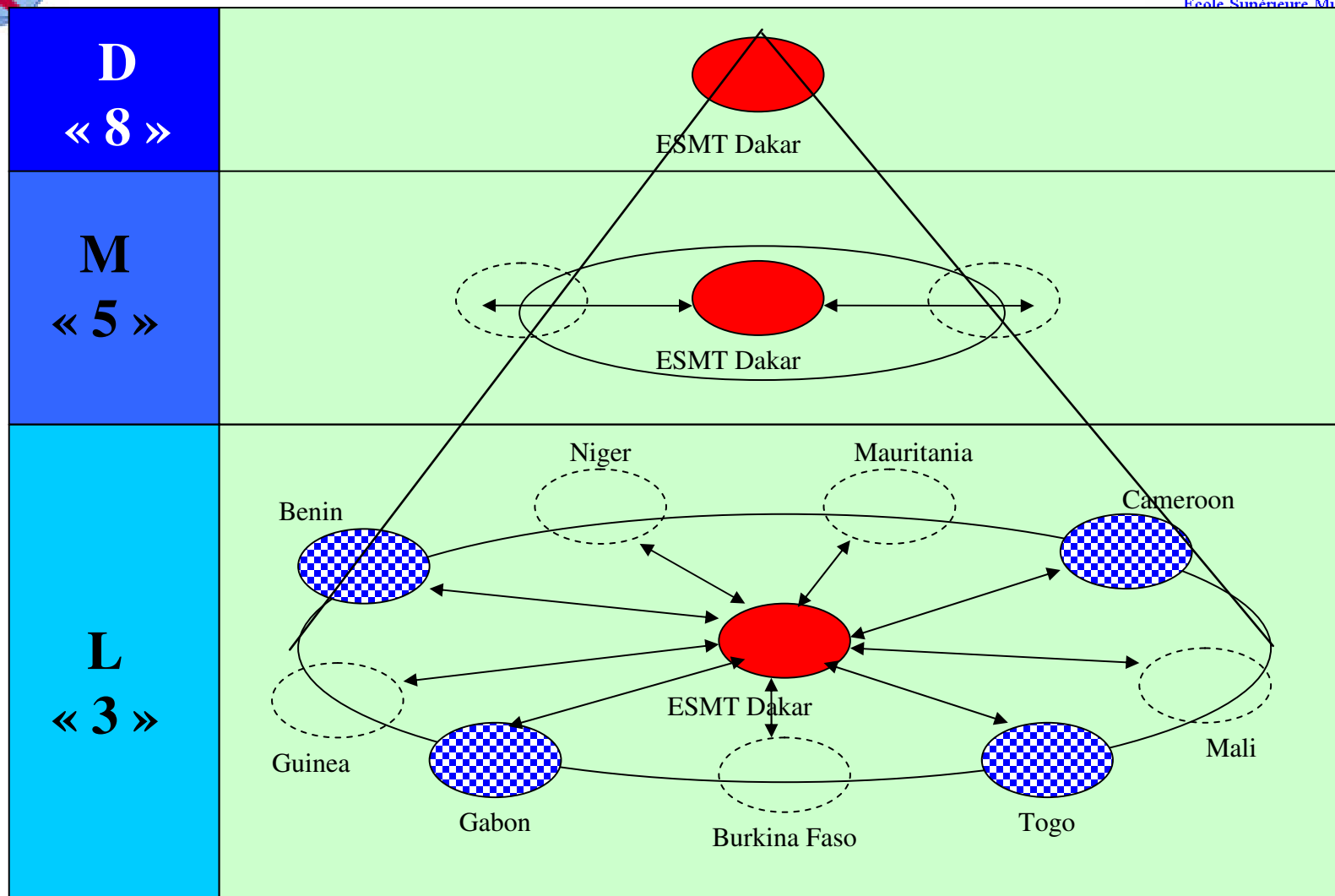
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Current development strategy

MASTER'S ''5+''	ESMT Dakar
IGTT ''4''	ESMT Dakar
DTS ''2''	Benin, Cameroon, ESMT Dakar, Gabon, Togo

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Strategy for migration to LMD

D «8»	ESMT Dakar
M «5»	ESMT Dakar
L «3»	Benin, Niger, Mauritania, Cameroon, Guinea, ESMT Dakar, Mali, Gabon, Burkina Faso, Togo

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ESMT

3. Continuing professional development (CPD)

A CoE since 2000, ESMT is obliged to be a self-financing institution.

CPD and expertise constitute important sources of internal funding for ESMT's activities.

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3. CPD

- **Our catalogue**
  - **An evolving catalogue of over 100 modules**
  - **Covers all traditional or conventional telecommunication and IT professions**
- **With ITU's support for CoEs, training and assistance activities have been developed for operators and regulatory bodies**
  - **Regulation**
  - **Business plan**
  - **Interconnection**
  - **Management of scarce resources (numbering plan, spectrum management)**
  - **Network planning**
  - **Network migration to NGN**
  - **IP networks and services**
  - **Operational assistance**
  - **etc. ...**

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3. CPD

Organization

- Several possible arrangements:

    - Organization in Dakar by ESMT itself with individual registration

    - Organization by a regulator, possibly open to other countries of the subregion

    - Organization at the request of a local partner (e.g. an operator)

4. Expertise and foresight

ESMT's departments are poles of expertise that are placed at the service of the development of ICT networks and services in Africa

We also undertake technology watch, dissemination of information, leadership and research

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4. Expertise and foresight

- **Our experience in providing expertise**

  - Study of national numbering plan (Guinea Bissau, etc.)
  - Implementation of new numbering plans (Mali, Benin, Guinea Conakry, Central African Republic …)
  - Network interconnection (training and assistance – for both regulators and operators)
  - Studies on behalf on international firms and organizations (Panos, Fondation du devenir, BIPE, ITU, EU, World Bank, etc. …)

- **Technology leadership**

  - Forums and trade fairs
  - Various events

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Consultancy activities

ESMT is involved in:

- Needs analysis

- Definition of learning objectives

- Specifications

- Planning and implementation of training

CUSTOMIZED TRAINING ACTIONS

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5. The future

STRATEGIC PLAN 2008-2010

ESMT – Towards excellence

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VISION

"We are a key institution for ICT teaching and training policy in Africa alongside other stakeholders in the sector.

We strive to become the market leader, the shop window for ICTs and the benchmark learning institute in Africa."

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MISSION

"Accompany and strengthen our clients in terms of their development strategy through a diverse and judicious portfolio of world-class services"
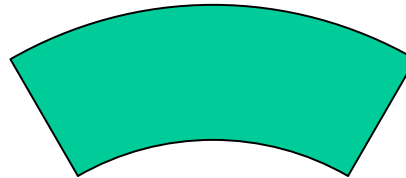
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STRATEGIC PLAN 2008-2010

STRATEGIC DIRECTIONS

- **Customer;**
- **Growth;**
- **Innovation;**
- **Human resources.**

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THANK
YOU

QUESTIONS

ANSWERS

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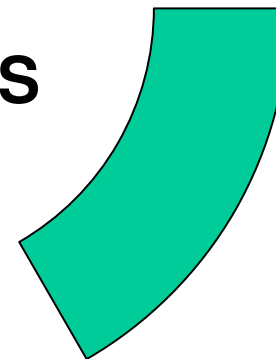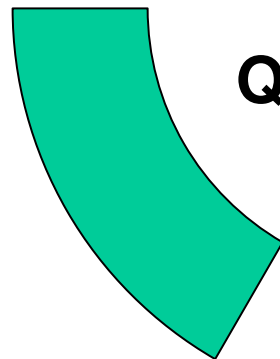
Contacts:

URL: www.esmt.sn

E-mail: esmt@esmt.sn

Tel: + 221 338 69 03 00

Fax: + 221 338 24 68 90

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