Mike Nixalp

First in a series of ITU training programmes

Provide ITU membership with capacity building solutions in SM

Provide access to the latest learning tools

Build human and institutional capacity by designing and making available high quality training materials

BENEFITS FOR ITU

- Preserving and spreading the wealth of SM knowledge accumulated in the ITU (BR/BDT and ITU-R SG: staff's know-how and Reports/Recs)
- Additional facet to the ITU's global leadership role as enabler and facilitator of ICT development
- Service to Member States and Sector Members
- Course completion certificate as quality reference for candidates assessment in ITU and administrations' hiring processes

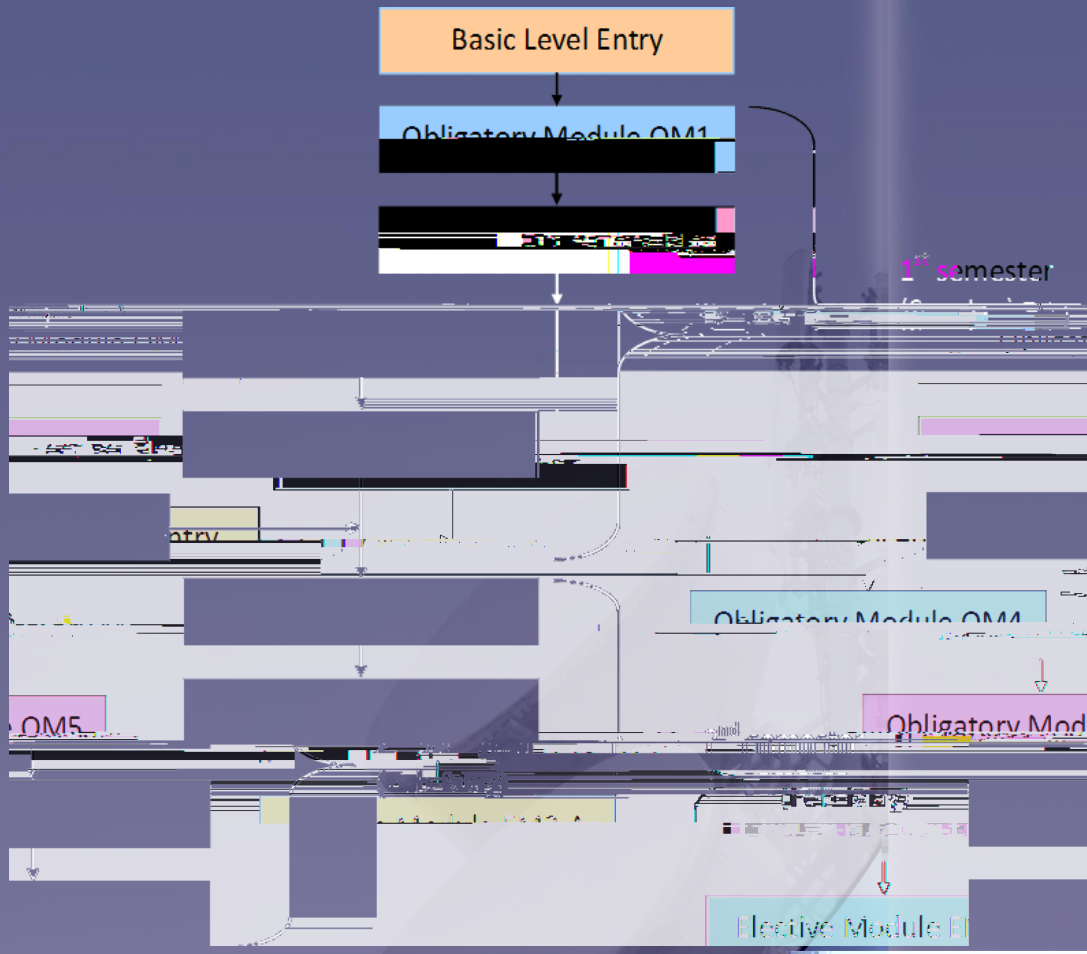
Two entry levels

Specialisation possibility:

Technical

Legal/economic

Accordingly structured set of obligatory modules and specialised electives.



BASIC LEVEL

Obligatory Modules (OM):

- OM1 “Legal Basis and Regulatory Framework of SM”
- OM2 “Spectrum Engineering Fundamentals”
- OM3 “Wireless Telecommunications Technologies”

Elective Module 1 (EM 1) includes 6 options:

- EM1-1 “Spectrum Monitoring”
- EM1-2 “Enforcement and Type Approval of Equipment”
- EM1-3 “SM for Satellite Systems”
- EM1-4“SM for HF Systems, Science, Maritime and Amateur Services”
- EM1-5“SM for Aeronautical and Radio Determination Services and Military Systems”
- EM1-6“Computer-aided Spectrum Management”

ADVANCED LEVEL

Obligatory Modules (OM):

OM4 "Economic and Market Tools of Spectrum Management"

OM5 "Strategic Planning and Policies for Wireless Innovation"

Elective Module 2 (EM2):

Legal Specialization:

EM 2-1"Advanced Spectrum Authorization Regimes"

EM 2-2"Socio-Economic Impact of Spectrum Regulation; Competition and Consumer Protection"

Technical Specialization:

EM 2-3"Terrestrial TV Broadcasting Planning and Digital Transition"

EM 2-4"Opportunistic Spectrum Access and Cognitive Radio"

IMPLEMENTATION

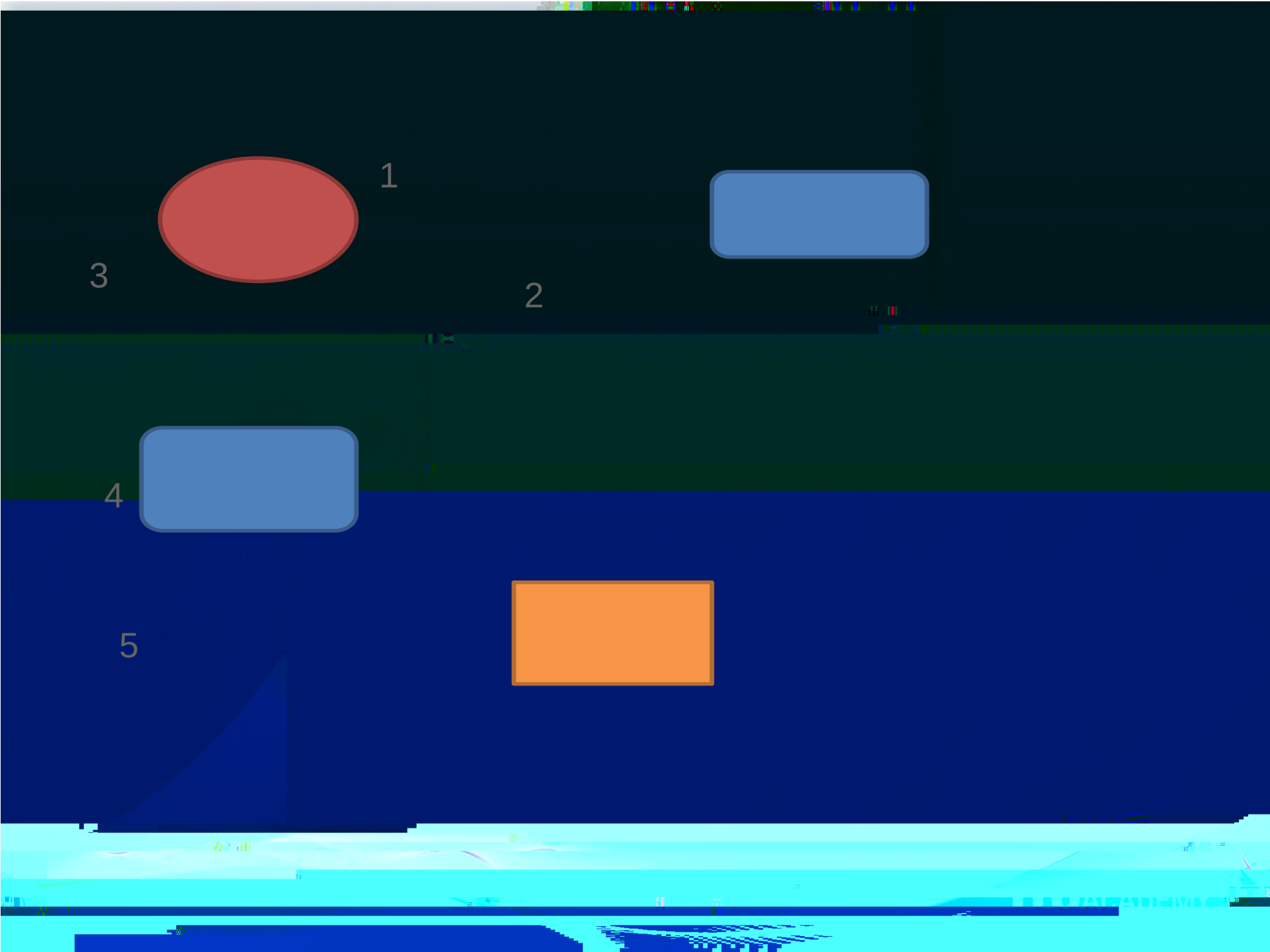
Identification of subject-matter experts within the global SM community

Preparation of high level training materials by experts

Establishment of the Quality Assurance Mechanism

Instructional design and editing of SMTP training modules

Establishment of partnership with universities and other institutions in order to deliver the SMTP.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The QAM will include:

- Peer Review Committee

It will ensure that technical quality of the content is of the highest standard

- Editorial Committee

It will ensure that language and terminology used in the training materials conforms to the rules, policies, procedures and instruments of the ITU.

QUALITY
CoEs
OR
UNIVERSITY
+
ITU ACADEMY
ITU CENTRES OF EXCELLENCE
ACADEMIA
ITU ACADEMY

Advanced Level Entry

Committed to connecting the world

CONCLUSIONS