



Capacity Building Workshop on Science, Technology and
Innovation Observatories in ESCWA Member Countries

Regional STI Observatory

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ESCWA, Beirut, 18-20 Jan. 2010

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Capacity Building Workshop on
Science, Technology and Innovation
Observatories in
ESCWA Member Countries

- Phase 1:
Towards the Establishment of Science,
Technology and Innovation Observatories
in ESCWA Member Countries (11-12 November
2009)

- Phase 2:
Capacity Building Workshop on Science,
Technology and Innovation Observatories in
ESCWA MCs (Jan. 2010)

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Definitions

□ DATA

- Group of info that represents the attributes of a variable. Typically results of measurements. Lowest level of abstraction from which info and knowledge could be derived

□ STATISTICS

- Pertain to collection, analysis, interpretation or explanation and presentation of data. Describe associations, correlations, time series or modelling.

□ INDICATORS



ESCWA Activities

- The ESCWA Research and Development Portal (ERDP)
- Network of Technology Parks and Technology Incubators (NTPI)
- Regional Information Society Observatory
- ESCWA Technology Centre
 - *Promotion of a network of national STI Observatories (information hub)*
 - *Regional observatory for STI indicators*



- Why is this such an important issue for development?
- How to go about it successfully?



The Challenge

- CONVERTING KNOWLEDGE EMBODIED IN HUMAN CAPITAL INTO SOCIO-ECONOMIC BENEFITS





THE REGIONAL SCENE

- Differing mandates of hosting structures
- Different in socio-economic conditions
- Different levels of coop. with Private sector
- Independent Mgmt. board perceived differently
- Binding commitments different
- Willingness of partners not gauged
- Legislation as regards dissemination of info varies



NECESSARY CONDITIONS

- Cooperative effort by all: private public
- Modern STI policy mechanisms
- Link-up with regional and international structures
- Capacity building and experience sharing
- Good governance -transparency
- Political and financial support

Context

- Knowledge Society
- Globalization
- Competition
- Innovation



TECHNOLOGY



1. A Collective Mind Set

- Technology is the vehicle for development
- Is not only private business that engages in it
- Universities and academic institutions have a vital role to play
- Promotion of university and industry linkages
- Providing the enabling environment

A NICHE FOR THE REGIONAL STIO

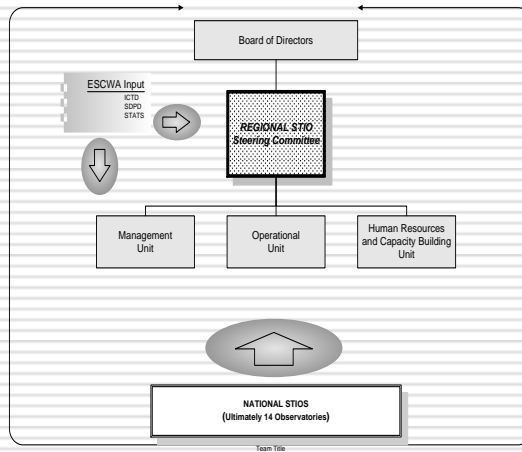
- ❑ Platform for awareness and dialogue – information is to be shared in an open space;
- ❑ A means for authorities to assist in evaluating their national efforts in R D I and to adapt adequate strategies;
- ❑ Mechanism to analyse region-specific problems in order to introduce solutions to methodological issues: data collection, acquiring databases, building indicators etc.



Cont'

- ❑ To evaluate institutional capabilities of regional STI organizations in order to ensure their active participation in statistics collection and dissemination
- ❑ Produce studies and forecasting
- ❑ Organize training programmes for operators
- ❑ Integrate the region in international systems by adopting common methodologies;
- ❑ Establish mechanisms for dissemination

STRUCTURE



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Thank you

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