Academy of Information and Communication Technology Essentials for Government Leaders in the ESCWA Region (AIGLE)
Project Background

- Academy of ICT Essentials for Government Leaders” launched by APCICT / ESCAP in June 2008

- Important number of requests from EM governments to receive well-structured training:
  - To update existing skills
  - To acquire new skill set that would be in line with the ever-evolving world of Knowledge-Based society

- These requests for training cover professional and leadership skills
Government officials not having knowledge and expertise that is essential to plan and implement well-structured ICT initiatives and strategies in EMCs

Lack of ICT4D knowledge, skills and expertise among Government officials, policymakers and leaders

Lack of regularly programmed ICT4D training opportunities for Government officials, policymakers and leaders

Psychological and pedagogical barriers to ICT adoption among Government officials, policymakers and leaders

Weak or non-existence of well-structured ICT4D strategies and low number of successful implementations of related Government-initiated projects in the ESCWA region
To impart the essential knowledge and expertise that will help civil servants, policymakers and Government leaders in the ESCWA region to more effectively plan and implement ICT initiatives, facilitating their transition towards knowledge-based economies.

**Means**

- Strengthened ICT4D knowledge, skills and expertise among Government officials, policymakers and leaders
- Regularly programmed ICT4D training opportunities for Government officials, policymakers and leaders
- Sensitization of Government officials on the beneficial effects of ICT solutions on socio-economic development

**Ends**

Well-structured ICT4D strategies and increased number of successful implementations of related Government-initiated projects in the ESCWA region
Use of ICT for socio-economic development and to achieve the MDGs

Build ICT human / institutional capacity of EMCs

Training

Advisory Service

Research
Strategic objective
Equip policy makers, trainers and project managers (in Government) with the essential knowledge and skills to fully leverage opportunities presented by ICTs in order to achieve national development goals and bridge the digital and the knowledge divide.

Specific Goals
- Helping ESCWA member Governments to narrow ICT human resources gaps;
- Removing barriers to ICT adoption in ESCWA member Governments;
- Promoting the application of ICT in accelerating socio-economic development and achieving the Millennium Development Goals in EMCS.
Civil servants at the middle and senior management level in ESCWA member governments;

Government leaders and policymakers in public entities who are responsible for ICT policymaking;

Government officials responsible for the development and implementation of ICT-based and e-government projects and applications.
Consists of a core ICT4D curriculum with a # ?????? (to be determined) of modules

Covers basic to advanced topics of ICT4D that can be delivered face-to-face or as online self-study courses.
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<th>Component 1</th>
<th>Identification of AIGLE topics</th>
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<td>Production of the AIGLE training package</td>
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<td>Developing the AIGLE online training platform</td>
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## Project Activities

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<tr>
<th>Component 1</th>
<th>Identification of AIGLE topics</th>
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<tbody>
<tr>
<td>Related Activities</td>
<td>1. Conducting a needs assessment;</td>
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<td></td>
<td>2. A review of existing ICT4D training programmes in the region;</td>
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<td>3. A full analysis of modules and case studies provided by APCICT;</td>
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<td>4. Identification of potential gaps between APCICT modules and the determined needs of the ESCWA region;</td>
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<td>5. Selection of the APCICT modules which are most relevant to the needs of the ESCWA Region;</td>
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<td>6. Definition of potential additional topics that would be in line with the needs of the ESCWA region.</td>
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## Project Activities

<table>
<thead>
<tr>
<th>Component 2</th>
<th>Production of the AIGLE training package</th>
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</table>
| **Related Activities** | 1. Localization and adaptation of the selected APCICT modules and related material to the determined needs of the ESCWA region;  
2. Development of additional modules related to topics identified for the region that are otherwise unavailable in APCICT modules;  
3. Design, proofreading, and publishing of the AIGLE training package encompassing all modules, adapted or newly created. |
## Project Activities

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<thead>
<tr>
<th>Component 3</th>
<th>Developing the AIGLE online training platform</th>
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</table>
| **Related Activities** | 1. Platform and *system analysis* including *studying the possibilities of collaboration with APCICT* towards either *using their platform* or only benefiting from their experience;  
2. *Design and development of the online platform* for the AIGLE training package to ensure maximum accessibility and sustainability beyond the lifetime of the project. |

- Provide ready online access to the various AIGLE training packages
- Maximize the reach of the benefits of the project
### Project Activities

<table>
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<tr>
<th>Component 4</th>
<th>Training of trainers workshops</th>
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</thead>
<tbody>
<tr>
<td><strong>Related Activities</strong></td>
<td>1. Organizing <strong>three regional</strong> “training of trainers” workshops on the various modules of the academy.</td>
</tr>
</tbody>
</table>

These workshops are critical for fostering relations with national training partners by strengthening existing partnerships and building new ones for further outreach.
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<tr>
<th>Component 5</th>
<th>National / regional rollouts of AIGLE</th>
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<tbody>
<tr>
<td></td>
<td><strong>Related Activities</strong></td>
</tr>
<tr>
<td></td>
<td>1. Co-organize with identified national/regional partners a number of rollouts of training on AIGLE modules;</td>
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<td></td>
<td>2. Provide assistance and technical support to enable national/regional counterparts to conduct workshops aimed at the dissemination of AIGLE training modules.</td>
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</tbody>
</table>
## Project Activities

<table>
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<tr>
<th>Component 6</th>
<th>Impact assessment and future perspectives for AIGLE</th>
</tr>
</thead>
</table>
| **Related Activities** | **1.** Conducting an *evaluation and assessment plan* of AIGLE national / regional rollouts and implementations in the region;  
2. **Mapping out a framework for the future of AIGLE;**  
3. **Organizing one regional workshop to:**  
  • Exchange findings of the evaluation and assessment report,  
  • Discuss future needs,  
  • Draw future plans for AIGLE sustainability. |
## Project Duration and Timeline

**Project duration**: 36 months

<table>
<thead>
<tr>
<th>Activity</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
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<tbody>
<tr>
<td>Identification of AIGLE topics</td>
<td>My</td>
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<td>Se</td>
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<tr>
<td>Prod of the AIGLE training package</td>
<td>Ja</td>
<td>Fe</td>
<td>Mr</td>
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<tr>
<td>AIGLE online training platform</td>
<td>My</td>
<td>Je</td>
<td>Ag</td>
<td>Se</td>
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<tr>
<td>Training of trainers workshops</td>
<td>No</td>
<td>De</td>
<td>My</td>
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<tr>
<td>National rollouts of AIGLE</td>
<td>Fe</td>
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<td>Ap</td>
<td>My</td>
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<td>Impact assessment &amp; future perspectives Evaluation</td>
<td>My</td>
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<tr>
<td>Evaluation</td>
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Expected Results

- Provide a comprehensive ICT capacity building and sensitization programme aimed at policy makers and government leaders;

- Develop content mostly non-technical in nature and localized (in Arabic) to meet domestic needs and realities;

- Develop the content in an extensible modular design to maximize flexibility to meet the needs of context-specific learning situations based on organizational mandates and existing skills;
## Participating entities

<table>
<thead>
<tr>
<th>Organization</th>
<th>Role</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESCWA/ICTD Division</td>
<td>Implementing Agency</td>
<td>Lead the implementation process and will be responsible for project execution</td>
</tr>
</tbody>
</table>
| ESCAP/APCICT                      | Cooperating Agency          | - Provide pre-developed sets of ICT4D courses  
- Participate in the “training of trainers’ workshops  
- Participate in the impact assessment workshop |
| ECA                              | Partner                     | - Participate in the “training of trainers’ workshops  
- Participate in the impact assessment workshop |
| UNU                              | Partner                     | Share expertise in the creation of course material related to human and socio-economic development as well as good governance  |
| NGO: Dubai School of Government   | Partner                     | Contingent on securing the necessary funds:  
- Support content development of training materials  
- Collaborate on the organization of consultative and training workshops |
| Public Administration Teaching Institutions | Potential National Counterparts | - National counterpart trainers will be trained to pass on their newly-acquired knowledge to the main target group of beneficiaries  
- Will take part in the design and implementation of national capacity-building ICT4D frameworks |
Other potential partners

- **At regional level**
  - ARADO
  - AICTO
  - UNDP
  - World Bank
  - other UN Agencies such as UNPAN
  - ……

- **At national level**
  - eGovernment Authority (Bahrain)
  - Civil Service Board (Lebanon)
  - National Institute for Training (Jordan)
  - ……..
APCICT ACADEMY

Overview
Initial APCICT 8 Modules

1. Academy of ICT Essentials for Government Leaders
   Module 01: The Linkage between ICT Applications and Achieving Development

2. Academy of ICT Essentials for Government Leaders
   Module 02: ICT in Development Policies, Processes and Governance

3. Academy of ICT Essentials for Government Leaders
   Module 03: e-Government Applications

4. Academy of ICT Essentials for Government Leaders
   Module 04: ICT Trends for Government Leaders

5. Academy of ICT Essentials for Government Leaders
   Module 05: Internet Governance

6. Academy of ICT Essentials for Government Leaders
   Module 06: Network and Information Security and Privacy

7. Academy of ICT Essentials for Government Leaders
   Module 07: ICT Project Management in Theory and Practice

8. Academy of ICT Essentials for Government Leaders
   Module 08: Options for Funding ICT for Development
Module 1: The Linkage between ICT Applications and Meaningful Development:
- Describe the macro relationship between the MDGs and ICTs;
- Foster a better understanding of how ICTs can be used to achieve social and economic development; and
- Provide a development-oriented framework for ICT-based and ICT-supported projects and interventions in a range of social sectors (poverty reduction, gender equality, health, management of natural resources, …).

Module 2: ICT for Development Policy, Process and Governance:
- Provide critical information about different aspects of ICT national policies, strategies and legal instruments;
- Describe the multistakeholder ICT policy development and the role of gov, private sector and others in ICT policymaking;
- Discuss the need for legal and regulatory framework;
- Discuss issues related to selected elements in a comprehensive national ICT policy, such as capacity building and promoting the ICT sector and its contribution to the national economy…
Module 3: e-Government Applications:

- Provide an overview of the key elements of e-government applications and the related types of e-services;
- Discuss of e-government models, strategic planning, budgeting, implementation, and assessment;
- Discuss important success factors as well as barriers to achieving success in e-government services.

Module 4: ICT Trends for Government Leaders:

- Provide an overview of the evolution of ICT and the role it plays in today’s dynamic global environment;
- Describe current and emerging technologies and their impact (at that time the module covers topics like IPv6, VoIP, Broadband, FOSS, ERP solutions, cloud computing…);
- Describe the key components of the associated ICT infrastructure, policy and technical considerations.
Module 5: Internet Governance:
- Describe the ongoing development of international policies and procedures that govern the use and operation of the Internet; and
- Provide an overview of the issues and specific challenges related to Internet Governance in the regional context.

Module 6: Network and Information Security and Privacy:
- Clarify the concept of information security, privacy and related concepts;
- Discuss the requirements for the establishment and implementation of policy on information security, as well as its life cycle;
- Provide an overview of standards of information security and privacy protection that are used by some countries and international information security organizations;
- Describe how to establish and operate a national CERT/CSIRT;
- Provide some CSIRT models from selected countries.
Module 7: ICT Project Management in Theory and Practice:
- Provide an overview of concepts, principles and processes in ICT project planning and management;
- Discuss issues and challenges in ICT project planning and management in developing country contexts;
- Describe approaches and tools for ICT project management, control and monitoring.

Module 8: Options for Funding ICT for Development:
- Discuss issues that influence investment in ICT projects, with a special focus on investments in e-government;
- Describe various funding modalities and financing mechanisms for ICT and e-government projects including (PPP, FDI, Venture capital, government funding…);
- Outline the issues to consider when deciding on which funding option to pursue for ICTD and e-government projects.
Module 9: ICT for Disaster Risk Management:
- Provides an overview about the concepts of disaster risk management (DRM);
- Provide examples of existing ICT applications for DRM;
- Discuss benefits and barriers for utilizing ICT in DRM.

Module 10: ICT, Climate Change and Green Growth (Draft):
- Provide decision makers with an understanding of the role that ICTs play in observing and monitoring the environment, sharing information, mobilizing action, and facilitating and enhancing environmental decision making.
Module 9: ICT for Disaster Risk Management:

- Provide an overview of disaster risk management (DRM);
- Describe and provide examples of existing ICT applications for DRM;
- Discuss benefits and barriers for utilizing ICT in DRM.

Module 10: ICT, Climate Change and Green Growth (draft):

- Provide an audience of decision makers with an understanding of the role that ICTs play in observing and monitoring the environment, sharing information about the environment, mobilizing action, facilitating and enhancing environmental decision making, promoting environmental sustainability and abating climate change;
- Explore the potential of ICT to transform the economy into an engine for sustainable “green” growth, and considers how to integrate ICT into such an economy.

Brief Description

Academy of ICT Essentials for Government Leaders

The Academy of ICT Essentials for Government Leaders (Academy) includes a comprehensive eight-module ICTD training curriculum developed over a dozen partners that are working with APCICT to roll out the Academy at the national level.

The biggest challenge facing the developing countries of the Asia-Pacific countries in introducing digital technologies in all spheres of their development is not the technologies themselves, nor issues associated with infrastructure, connectivity or access, but the fact that most countries in the region lack the technical human capital that is required to make a go of these tools and technologies. UN-APCICT’s modular training programme targeting government leaders will go a long way towards their understanding of the role that these new technologies can play in meeting national development needs in education, health, good governance, business, trade and much more.

- Shahid Akhtar, Project Advisor for the Academy of ICT Essentials for Government Leaders

View Academy modules in

- English
- Bahasa (Indonesia)
- Khmer (Cambodia)
- Mongolian
- Myanmar
- Pashto (Afghanistan)
- Russian
- Tajik
- Vietnamese

There are currently no items in this folder.
Thank You