

Best Practices in Learning contents via Multi-media: Capacity Building in Thailand

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Capacity Building

- General Definition of CB : Capacity building encompasses the country's human, scientific, technological, organizational, institutional and resource capabilities. A fundamental goal of capacity building is to enhance the ability to evaluate and address the crucial questions related to policy choices and modes of implementation among development options, based on an understanding of environment potentials and limits and of needs perceived by the people of the country concerned".

Capacity Building - Agenda 21's definition (Chapter 37, UNCED, 1992.)



Capacity building in ICT

- Our definition :

“Capacity building in ICT is an approach to learning and development that builds independence keeping pace with technological advancement. Capacity building increases the ability of people, students, institutions and communities who are able to address problems in a creative manner, and in particular, problems in learning that arise out of social inequity and social exclusion”. (MK)



Key features of CB in ICT:

- Creates an enabling environment—change management
- Backed by appropriate policy and legal framework
- Is not only training
- Interventions focused to improve performance in relation to mission
- Strengthen partnerships
- Improve resources
- Improves sustainability
- Increase access to information



• ICT in Education and Millennium Development Goals and Poverty Alleviation :

- Increasing access
- Knowledge network for students
- Training teachers
- Broadening availability of quality education materials
- Efficiency and effectiveness of policy and administration
- Targeting the poor—engagement
- Gender focus
- Equity
- Civil society and private sector linkages



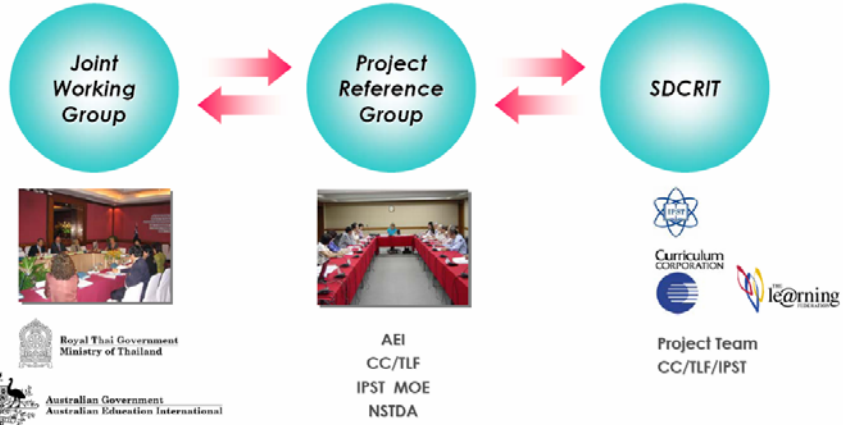
Case Study: Schools Digital Curriculum Resources Initiative Thailand 2005-2006

Objectives

- Assist the MOE develop capacity for the design, development, storage and distribution of digital curriculum resources relevant to the needs of the Thai school sector
- Promote skills transfer in curriculum design, development & distribution of curriculum t the school level
- Progress collaboration in learning technologies between DEST and the MOE
- Model how Australian expertise in e-learning can be exchanged with countries in the region



Stakeholders



- Key activities
 - Evaluation of TLF digital curriculum resources
 - IPST Expert focus group
 - School teachers & students



- Project Design

- Training in learning design, standards and specifications, project management and quality assurance
- Content procurement of extant resources
- Content procurement of new resources
- Transfer of knowledge & skills and capabilities to IPST counter staff
 - o Specialised project management skills
 - o Public-private partnership models
 - o Practical experiences in developing sample design briefs and specifications
 - o Procedures for user-centred design – trialing and testing
- o Systems Architecture
- o Curriculum content management systems



- Project Outputs

- Capacity to apply instructional design to multimedia
- Project management and Quality assurance
- [Learning objects in Mathematics and Science](#)
- Teacher implementation



LO development Thailand



Electrical Circuits



Projectile Motion



Virtual Plant Breeder



Soil pH



Challenges

- Project to mainstream program
- Technology literacy
- New pedagogy
 - Instructivist to constructivist
- Communication
- Timelines



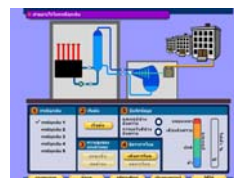
What works

- Contextualising to local requirements
- Ownership, responsibility and participation
- Build on local expertise:
 - Thailand, Indonesia, PRC, Sri Lanka, Iran, Bangladesh, PNG, Sierra Leone, Philippines
- Project integrated to mainstream activity



What works - circumstances

- Real positions created for project participation & management
- Dedicated team – roles/responsibilities
- Workshops/training co-facilitated
- Weekly status reports
- Continuous monitoring & evaluation = scope management, redefinition



- The Learning Federation
<http://www.thelearningfederation.edu.au>
 - Curriculum Corporation
<http://www.curriculum.edu.au>
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