Reorienting Quality Teacher Education towards EFA and ESD

Lay Cheng Tan
UNESCO Bangkok
November 2012
Target dates to meet ESD and EFA goals

- 2012
- 2013
- 2014
- 2015

Role of teachers
Objectives

- Share findings from the gap analysis and promote good practices of teacher education
- Increase capacity of teacher educators and teachers to integrate EFA and ESD concepts
- Enhance the capacity of curriculum developers to localize ESD/EFA materials
- Consolidate networks, e.g., ESD-Net and ASPnet schools
Project Structure

Phase 1: 2010 -2011
Phase 2: 2011-2012
Phase 3: 2013 -
Project Structure

Component 1: Analyze gaps in teacher education curricula

Component 2: Enhance capacity of TEIs on designing ESD and EFA teaching materials

Component 3: Capacity building for curriculum developers

Component 4: Networking
Gap analysis of 11 country reviews

Consolidation report

- Country profiles on pre-service teacher training
- Gaps in policies, curricula, materials, pedagogy
- Case studies of promising practices
- Recommendations

8 countries covered: Bangladesh, Cambodia, China, Lao PDR, Mongolia, Nepal, Thailand and Viet Nam
Gap analysis of 11 country reviews

Advocacy Kit for promoting inclusive education through teacher training

• Three target users:
  i. Policy-makers
  ii. TEI managerial staff
  iii. Teacher trainers

• Languages
  English, Bangla, Chinese, Khmer, Lao, Mongolian, Nepali, Thai, Vietnamese
Building capacity of teacher educators and teachers

National workshops:
- Penang, Malaysia
- Manila, Philippines
- Bangkok, Thailand
- Ha Long, Viet Nam
- Jakarta, Indonesia
- Beijing, China
### Activities

**Building capacity of teacher educators and teachers**

#### Themes

- Climate change
- Environmental protection
- HIV/AIDS prevention
- Gender sensitizing
- Multilingual education
- Inclusive education and rights-based education
- Education for international understanding
- Global education
- Child friendly school
Building capacity of teacher educators and teachers

Guidelines and manuals
Building capacity of teacher educators and teachers

### Action plans

<table>
<thead>
<tr>
<th>Area of Concentration</th>
<th>Goals/ Objectives</th>
<th>Rationale</th>
<th>Main Actions</th>
<th>Timeline</th>
<th>Use of interactive exercises as learned in the workshop</th>
<th>Stakeholders</th>
<th>Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gender sensitizing</td>
<td>Train now (at most 3 years in the service) in-service teachers how to address gender issues in class</td>
<td>Respect for student gender is essential for deeper understanding of the lesson</td>
<td>Introduce the topic in the Teacher Induction Program</td>
<td>May 2011 (5-day training)</td>
<td>Use of interactive exercises as learned in the workshop</td>
<td>Department of Education-Teacher Education Council Nueva (at most 3 years in the service) in-service teachers teaching Science, Math &amp; English (Davao City)</td>
<td>Available</td>
</tr>
<tr>
<td>Climate Change</td>
<td>Enable students to act in order to mitigate or adapt to climate change</td>
<td>Social responsibility is crucial in addressing climate change.</td>
<td>Prepare a UBD plan on climate change for graduate students in Environment Education</td>
<td>First Semester 2011-2012 (June 2011 to October 2011)</td>
<td>Lecture-discussion film showing Interactive exercises learned in the workshop</td>
<td>Graduate students in Environmental Education (EE)</td>
<td>Needed</td>
</tr>
</tbody>
</table>
Building capacity of teacher educators and teachers

Action plans

Ecological solid waste management
Bitan-ag Creek project
A school-based approach

Collaborative effort
Corazon M. Baculio - Puntod National High School (PNSH)
Jo Mark M. Libre, MA PoS - Mindanao University of Science and Technology (MUST)
Jessica P. Campano - Capitol University (CU)
Building capacity of teacher educators and teachers

Action plans

Indonesia: SSE Green Teacher: Mangrove for Life
Malaysia: Reducing Ecological Footprint on Earth
Maldives: Revisiting the Maldives culture: inventing Dhivehi language cultural story books
Korea: Green growth and ESD
Regional Seminar on Curriculum Development

5-6 November 2012, Bangkok

• Introduce principles and concepts of EFA (inclusive education) and ESD
• Discuss the challenges of developing inclusive curriculum and integrating ESD concepts / contents into the national and/or local curricula
• Develop action plans / projects to integrate ESD concepts into an inclusive curriculum;
• Strengthen networking among curriculum developers
Telecollaboration workshop

7-9 November 2012, Bangkok

In collaboration with ICT in Education project funded by KFIT
Telecollaboration workshop

- Lessons learned from KFIT project
- Target groups: TEIS and teacher educators
Telecollaboration workshop

- Introduce teacher educators to the concepts of project-based learning and telecollaboration
- Provide hands-on training on tools and software programmes to support project-based learning and telecollaboration
- Facilitate collaboration among teacher educators
- Strengthen networking
Future Plans

Phase 3

• Continue to support capacity building in:
  ➢ localizing EFA-ESD materials
  ➢ designing and integrating EFA-ESD concepts into TEI and school curriculum
  ➢ using ICT to teach and learn about EFA-ESD concepts

• Monitor and evaluate project activities

• Share lessons learned and contribute to various forums in preparation for the end of DESD (2014) and EFA (2015)
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 - 10:30</td>
<td>Group photo and Tea / Coffee Break</td>
</tr>
</tbody>
</table>
| 10:30 - 12:00 | Chair: Danilo Padilla  
**Overview of ESD**  
- Molly Lee  
**Overview of EFA**  
- Abdul Hakeem, UNESCO Bangkok |
| 12:00 - 13:00 | Lunch |
| 13:00 - 14:30 | Chair: Maria Melissa Tan  
**Overview of Project-based Learning and Telecollaboration** (include facilitating skills)  
- Nachamma Sockalingam, UniSIM, Singapore  
**Social Media for Learning**  
- Jonghwi Park, UNESCO Bangkok |
| 14:30 - 15:30 | Chair: Molly Lee  
**Overview of KFIT International School Project (KISP)**  
- Jonghwi Park, UNESCO Bangkok  
**Expectations of JFIT Telecollaboration Activity**  
- Lay Cheng Tan, UNESCO Bangkok |
| 15:30 - 16:00 | Tea / Coffee Break |
| 16:00 - 17:30 | Chair: Philip Pernell  
**Experiences with PBL and Telecollaboration**  
- KISP – Rhea Febro, MSU-IIT, Philippines  
- Teacher’s Perspective – Li Nihong, Nonglinxia Primary School, PR China  
- Teacher Educator’s Perspective – Termit Kaur Ranjit Singh, Universiti Sains Malaysia  
**Introduction to UNESCO’s Education Community**  
- Hartfried Schmid and Avelino Mejia Jr., UNESCO Bangkok |
<p>| 18:00 - | Welcome reception |</p>
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Plenary Discussion on Potential Project Topics and Grouping</td>
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<tr>
<td>09:00 - 10:00</td>
<td>Designing / Planning a Collaborative Project I: Introduction to PBL Design</td>
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<tr>
<td></td>
<td>- Introduction to designing PBL plans</td>
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<td></td>
<td>- Group Work and Consultation: Learning Goals, Context Analysis</td>
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<tr>
<td>10:00 - 10:30</td>
<td>Tea / Coffee Break</td>
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<tr>
<td>10:30 - 12:00</td>
<td>Designing / Planning a Collaborative Project II: PBL Activity System Design</td>
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<td>- Introduction to Learning Activity Design for PBL, Sample Design</td>
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<td></td>
<td>- Collaboration Strategies (Basic, Intermediate, Advanced)</td>
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<tr>
<td></td>
<td>- Group Work and Consultation: Activity System Design</td>
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<td>- Group Presentations</td>
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<tr>
<td>12:00 - 13:00</td>
<td>Lunch</td>
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<td>13:00 - 14:30</td>
<td>Designing / Planning a Collaborative Project III: ICT-PBL Integration</td>
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<td>- Introduction to Appropriate Online/Offline ICT Tools/Resources for PBL</td>
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<td>- Using the ICT Integration Checklist</td>
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<td>- Hands-on Activities and Group Work</td>
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<td>14:30 - 15:00</td>
<td>Tea / Coffee Break</td>
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<tr>
<td>15:00 - 16:30</td>
<td>Designing / Planning a Collaborative Project IV: ICT for Collaborative Learning</td>
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<td>- ICT-PBL Collaboration Strategies (Basic, Intermediate, Advanced)</td>
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<td>- Introduction to Appropriate Online ICT Tools/Resources for Collaboration</td>
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<td>- Features of UNESCO’s Education Community</td>
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<td>- Group Work and Uploading of Outputs to Education Community</td>
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<tr>
<td>16:30 - 17:00</td>
<td>Group Presentations</td>
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<td>17:00</td>
<td>End of Day 2</td>
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## Workshop Programme

### Friday, 9 November

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</table>
| 08:30 – 10:00 | Facilitator: Maria Melizza Tan  
**Designing / Planning a Collaborative Project V: Assessment in PBL**  
- Introduction to Assessment in PBL  
- ICT Tools for Assessment  
- Hands-on Activities and Group Work |
| 10:00 – 10:30 | Tea / Coffee Break                                                        |
| 10:30 – 12:00 | **Group work and consultation: Finalizing Telecollaborative Project Plans** |
| 12:00 – 13:00 | Lunch                                                                     |
| 13:00 – 14:30 | **Group work and consultation: Finalizing Telecollaborative Project Plans (slide presentations)**  
*tea/coffee break*  
**Uploading of Outputs to the Education Community** |
| 14:30 – 16:30 | Chair: Molly Lee  
**Presentation of Telecollaborative Projects and Feedback** |
| 16:30 – 17:00 | Next steps  
**Closing of Workshop** |
| 17:00        | End of Telecollaboration Workshop                                         |
Thank you