

AS3PAC INITIATIVE

Course Modules, an Example

An Overview of the Region
 Multilateral Environmental Agreements
 Monitoring the Earth: Earth Observing Technologies
 Coral Reef Management and Marine Bio-diversity
 Integrated Coastal Management
 Watershed and Water Resource Management
 Utilities Management and Sustainable Development
 Sustainable Fisheries
 Land and Marine Based Chemicals, Waste, and Pollution Issues
 Climate Change

Each module is offered by 2 institutions to stimulate exchange of view.

VC02H04ReportIAS_2006/ APPED2_2005

17

AS3PAC INITIATIVE

18

AS3PAC INITIATIVE

Linkage with On-going Research

[Knowledge Stock, year 1]

Joint Project as the Engine
 Joint Curriculum for Learning
 Outreach for Sharing

Incentives for Dynamism:

1. Issue-oriented approach
2. Specialization and integration
3. Network-based knowledge creation and sharing by ICT, shortening time lags
4. Multimedia tools enhance effectiveness
5. Seamless linkage from local to global

<New Participants> → <New Technology> → [Knowledge Stock, year 2]

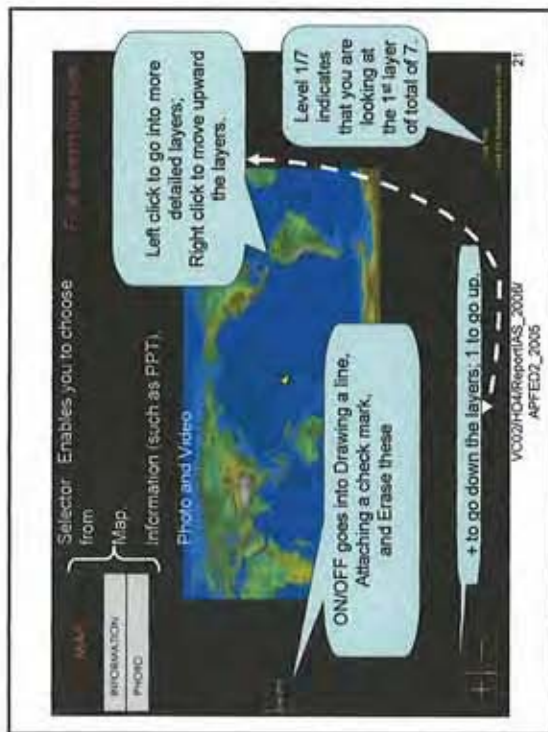
VC02H04ReportIAS_2006/ APPED2_2005

19

AS3PAC INITIATIVE

Integration through Multimedia Browser

20





Cost Effectiveness

Annual government spending per pupil in OECD countries:

- Primary \$4,229
- Secondary \$5,174
- Higher \$11,422

(Source: UNESCO Education Today, No.5, April-June 2003)

Education funding worldwide:

- Government 63%
- Private 35%
- International aid 2%

International aid for education:

\$5.98 billion in 1999, \$4.72 billion in 2000

VC02HQ4R/ReportIAS_2006/
APPED2_2005

25



ASIA/PACIFIC INITIATIVE

3. Prospects

VC02HQ4R/ReportIAS_2006/
APPED2_2005

26



ASIA/PACIFIC INITIATIVE

Next Step

Holistic approach advocated

Joint credit, credit transfer and mutual recognition of qualifications are essential

VC02HQ4R/ReportIAS_2006/
APPED2_2005

27



ASIA/PACIFIC INITIATIVE

Partnership

Higher Education Institutions
Collaboration among organizations with different fields of competence and missions
State's responsibility
NGO as key player

Promote innovative projects for collaboration

VC02HQ4R/ReportIAS_2006/
APPED2_2005

28



New Directions

1. The crucial role of new technologies
2. Research in a knowledge-based society
3. Education focusing on context, skills and aptitudes
4. Recognizing cultural diversity
5. Humanize globalization
6. Learning throughout life

VC02HQ4ReportIAS_2006/
APPED2_2005

29



Coming of Knowledge-Based Societies in Asia Pacific

1. Crucial role of new technologies
2. Interdisciplinary, transdisciplinary approach
3. Focus on context
4. Recognize cultural diversity
5. Help humanize globalization
6. Move toward learning throughout life

VC02HQ4ReportIAS_2006/
APPED2_2005

30



ASIA PACIFIC INITIATIVE

4. References

- IUCN-The World Conservation Union (2002), *Education and Sustainability: Responding to the Global Challenge*.
- OECD (1996), *Information Technology and the Future of Post-Secondary Education*.
- UNESCO (1996), *Working Together to Transform Higher Education: Discussion Kit on the World Conference on Higher Education*.
- UNESCO (2002), *Teaching and Learning for a Sustainable Future, A Multimedia Teacher Education Programme* (see also website below).
- UNESCO (2003), *Higher Education in Asia and the Pacific 1998-2003, Follow-up to the World Conference on Higher Education*.
- UNESCO and OECD (2003), *Financing Education-Investments and Returns, Analysis of the World Education Indicators 2002 Edition*.
- UNESCO Bangkok and UNEP Bangkok (2004), *Asia-Pacific Multi-agency Consultation: Education for Sustainable Development, Final Report*.
- United Nations University (2005), *United Nations University International Courses (UNU-IC)*.
- United Nations University Institute of Advanced Studies (2005), *Mobilising for Education for Sustainable Development: Towards a Global Learning Space based on Regional Center of Expertise*.

VC02HQ4ReportIAS_2006/
APPED2_2005

32



ASIA PACIFIC INITIATIVE

4. References

VC02HQ4ReportIAS_2006/
APPED2_2005

31



ASIA PACIFIC INITIATIVE

Web Sites

- International Coral Reef Symposium Web-casting address:
- Earth Charter address: www.earthcharter.org
- Field-based Interactive e-Learning *Feel-the-Earth* address:
- Joint Lecture Series *Advanced Seminar in International Environmental Studies* e-Course Management System address: www.ecourse.tpg.net
- UN Millennium Development Goals address: www.un.org/millenniumgoals/
- UNESCO *Educating for a Sustainable Future* address: www.unesco.org/education/lisf

VC02H04R/ReportIAS_2006/
APPED2_2005

33



ASIA PACIFIC INITIATIVE

Thank you

This power point presentation was first made at
Asia Pacific Forum for Environment and Development Phase 2
November 21-22, 2005, Bogor, Indonesia

VC02H04R/ReportIAS_2006/
APPED2_2005

34

Original File presented at WSSD as a Type II Commitment, 2002

LEAD Japan Program Asia Pacific Initiative

3 Pillars:

- *Internet broadcasting outreach* aimed at public awareness on sustainability
- *Joint research* and policy dialogue on global warming gas reduction, environmental monitoring (GIS), mega-city and habitat, field work
- *Joint education programs* through a *coalition of universities and NGOs*

LEAD Japan Program

LEAD (Leadership for Environment and Development) is an international NGO, with 13 programs around the world, headquarter in London.

Asia Pacific Initiative

- *Commitment 2002-2005* and beyond
- Asia-Pacific Initiative is a *participatory* process
- Network with *United Nations University*, *AIT* (Thailand), *NUS* (Singapore), *RIS* (Okinawa, Japan), *TERI* (India), other LEAD programs, etc. with *Keio Univ.* (Japan) as the host institution

LEAD ジャパン プログラム
タイプ2 コミットメント 説明文書

LEAD Japan, in association with a consortium of partner institutions, is proposing to instigate a range of activities in the Asia-Pacific Region in order to promote collaborative and policy-oriented research, education and capacity development.

Three core activities are proposed as follows:

(1) Next generation internet broadcasting will be initiated in order to promote public awareness on the importance of sustainable way of life. This will be linked to (2) and (3).

(2) Joint research projects will be conducted with focus on economy-energy-environment interaction, environmental monitoring with Geographic Information System, mega-city and habitat, and field work in historical sites and development project sites.

(3) A joint education programme will be developed through a coalition of universities and NGOs in Asia Pacific, including a strong online education dimension.

The focus of these collaborative efforts will be placed on issues related to multi-level governance, i.e., fostering stronger links between community level, regional, national and international efforts towards sustainable development.

Asia Pacific is quite diverse and remains silent (or unheard) on many issues related to the reform of the global system. Since the Asia Pacific Initiative will be implemented by diverse institutions in the region, and its issue orientation is achieved through trans-disciplinary collaboration, it is expected to provide an open platform on the issues surrounding environment and development.