



International Institute for Land Reclamation and Improvement

EU Asia-Link Programme



**New Educational Tools for Sustainable
Management of Peatlands in the Humid Tropics**

INCEPTION WORKSHOP

**30 September – 1 October 2003
Kuching, Sarawak, Malaysia**



Inception Workshop Programme

Tuesday 30 September (Hilton)

- Morning: Status Reports
- Afternoon: Working Groups – framework for curriculum development

Wednesday 1 October (UNIMAS)

- Morning: Working Groups – framework for curriculum development (cont).
- Afternoon: Finalizing action plan phase 2 & 3

Thursday 2 October

- Field visit Asajaya Area (?)



Status Reports

- **Background, General Project Matters & Expected Outputs** by *Henk Ritzema*
- **Status Report of University of Leicester** by *Susan Page and David Harper*. (i) Review current courses; (ii) distance learning; (iii) IT tools, and (iv) UNILEI's Ambitions
- **Status Report of University of Palangka Raya** by *Suwido Limin*. (i) Inventory market needs; (ii) Review current courses, and (iii) UNPAR's ambitions
- **Status Report of University of Sarawak** by *Murtedza*. (i) Inventory market needs; (ii) Review current courses, and (iii) UNIMAS's ambitions
- **Status Report of Wageningen University** by *Herco Jansen and Ron van Lammeren*. (i) Review current courses and (ii) Example e-learning, and (iii) WUR's ambitions



Background

RESEARCH FINDINGS

(EU-STRAPEAT, GoS-Coastal Peat Swamp Studies, GoN- Water for Food and Agriculture, etc.)



Dissemination of
knowledge

STAKEHOLDERS

(individuals and organisations involved in peatland
management)



Project Characteristics (1)

- **EU Asia Link Programme: Curriculum Development**



- **Budget: EU-contribution € 300,000.-, partners € 127,000.-**



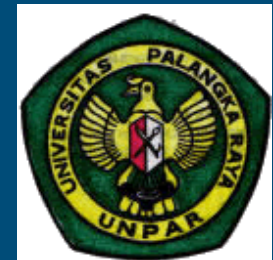
- **Duration: 36 months (2003 – 2005)**





Partners

- **Wageningen University and Research Centre, Alterra-ILRI, The Netherlands (Leading Partner)**
- **University of Leicester (UK)**
- **University of Palangka Raya (Indonesia)**
- **University of Sarawak (Malaysia)**





Project Summary

PEATWISE will address issues of *sustainable land management*, with particular reference to tropical peatlands, through the *development of new university curricula* by a *multilateral network* of South East Asian and European universities. Using *innovative educational tools*, it will produce and make available course materials and training modules that incorporate up-to-date research results and advice on the wise use of natural resources, thus *improving academic provision, enhancing skills and expertise, contributing to the sustainable use of natural resources* and *improving socio-economic conditions* across the peat-covered lowlands of Borneo.



Objectives

The overall objective of the project is to develop a *curriculum* on the sustainable development of peatlands by the introduction of *innovative educational methods and tools*, in order to promote the *wise use* of the resource and to enhance sustainable economic development, particularly in the areas of *Sarawak and Central Kalimantan*, Borneo (Malaysia and Indonesia).





Activities

- **Curriculum Development → Modules:**
 1. Ecology and natural sciences
 2. Water resources and hydrology
 3. Soils and land use
 4. Human dimensions and resource economics
 5. GIS and remote sensing
 6. Field course and research projects
- **On-line and distance learning development**
- **Implementation: introduction of common curriculum**



Phase 1 : activities

- (a) **Project Establishment**
- (b) **Identification / assessment of market needs (of the Malaysian and Indonesian public and private sectors) – *UNPAR & UNIMAS***
- (c) **Inventory of existing curricula and courses (including other local institutions) - *all partners***
- (d) **Inventory of existing educational infrastructure, course materials, research information and expertise at the contributing institutions. The inventory also includes the institutions' ambitions and an assessment of development potential - *all partners***
- (e) **Synthesis**
- (f) **Workshop and set-up of detailed work plans for Phase 2.**



Phase 1 (a) project establishment

- **Start-up meeting 10-12 April 2003, Wageningen**
- **Country co-ordinators: Susan Page (UNILEI), Suwido Limin (UNPAR), Murtedza (UNIMAS) & Henk Ritzema (WUR)**
- **Scientific and Curriculum Advisory Board: Members?**
- **Peatwise: advance payment & reporting**
- **Peatwise webpage: www.peatwise.alterra.nl**
- **Peatwise leaflet**



Reporting Schedule

Reports Due	Due by date	Date send
1 st Action plan	Provided in Annex I of the contract	
Advance payment request	After receipt of signed contract and payment request	23 April 2003
1 st Quarter Update	23 July 2003	22 July 2003
2 nd Quarter Update	23 October 2003	
3 rd Quarter Update	23 January 2004	
1 st Intermediate Report and 2 nd Action Plan and Intermediate Payment Request	23 April 2004	
5 th Quarter Update	23 July 2004	
6 th Quarter Update	23 October 2004	
7 th Quarter Update	23 January 2005	
2 nd Intermediate Report and 3 rd Action Plan and Intermediate Payment Request	23 April 2005	
9 th Quarter Update	23 July 2005	
10 th Quarter Update	23 October 2005	
11 th Quarter Update	23 January 2006	
3 rd Intermediate Report	23 April 2006	
Final Report and Final Payment Request	23 October 2006	



Website: www.peatwise.alterra.nl

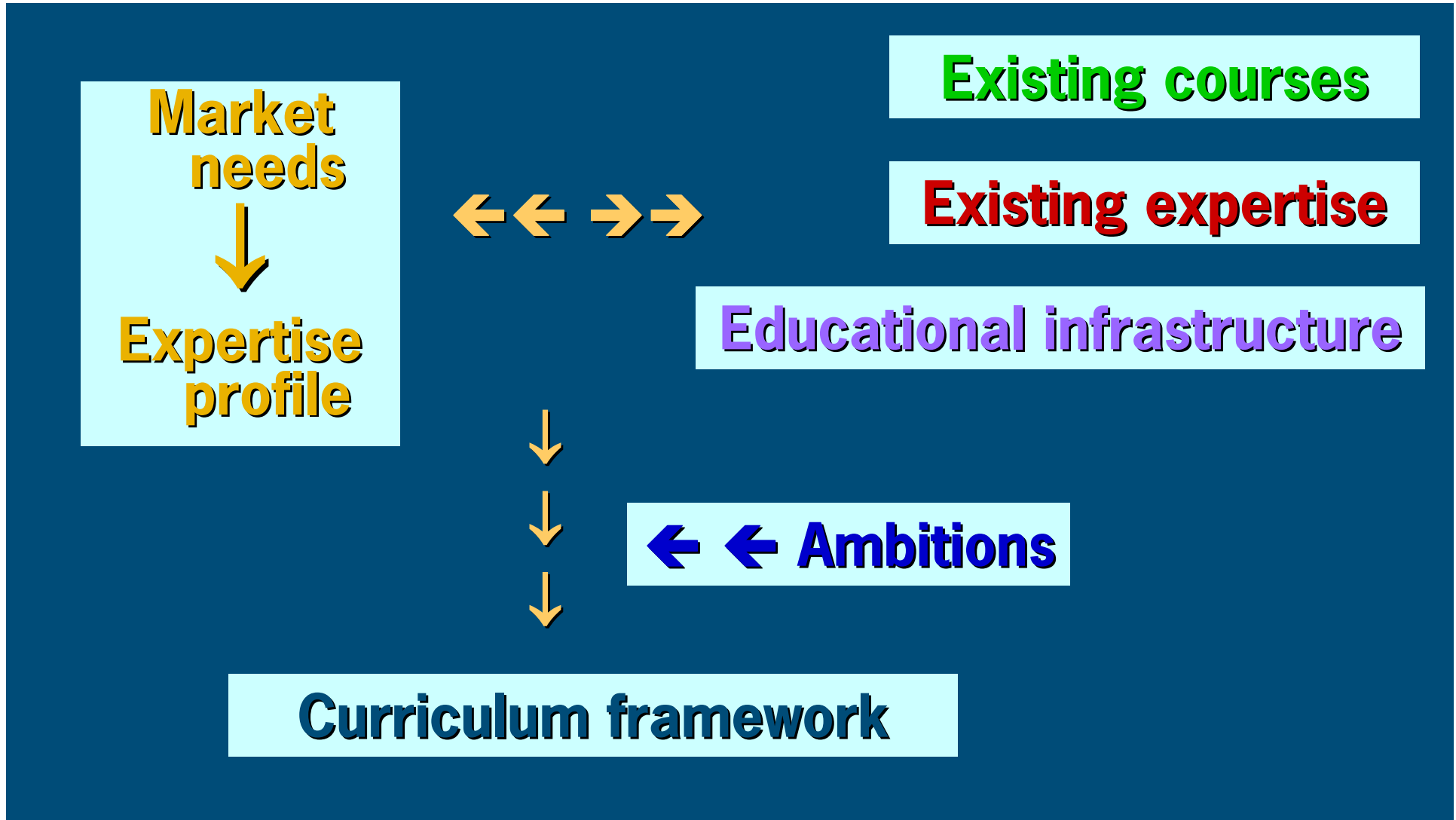


Workshop: Expected Outputs

- **Final curriculum framework;**
- **Pooling of expertise;**
- **Information and material deficiencies;**
- **Institutional bottlenecks;**
- **Educational methods and didactics;**
- **Detailed action plan for Phase 2;**
- **Detailed logical framework.**



Final curriculum framework (1)





Final curriculum framework (2)

- Role and contribution of each institution
- Existing and potential institutional bottlenecks
- Modern and innovative educational methods & tools
- Pooling of expertise including “virtual mobility”
- Distance learning or internet based modules



Work plans for phase 2



Logical framework



Modules

1. Ecology and natural sciences (14 ECTS) - UNILEI
2. Water resources and hydrology (16 ECTS) - WUR
3. Soil and land use (agriculture, forestry etc) (12 ECTS) - UNPAR
4. Human dimensions and resource economics (14 ECTS) - UNIMAS
5. GIS and Remote Sensing (12 ECTS) - WUR
6. Field course and research projects (20 ECTS) – UNIMAS
- (7.) Distance learning - UNILEI



Status Reports

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