

# 4<sup>th</sup> Plenary Meeting of ASEA-Uninet, Vienna/Austria, 4-8 July, 1999

## Protocol



### I. INTRODUCTION

The 4th Plenary Meeting was held in Vienna and hosted by the Viennese Member Universities of ASEA-UNINET. Prof. Bernd Michael Rode from the University of Innsbruck has been the Chairman of ASEA UNINET from 1998 to 1999, during which period ASEA UNINET grew from 32 to 45 member universities, i.e. 14 Austrian, 1 Czech, 1 Danish, 1 Dutch, 1 Greek, 5 Indonesian, 1 Italian, 1 Philippine, 2 Spanish, 12 Thai, 1 U.K. and 5 Vietnamese universities.

During this time there was an economic crisis in S.E.Asia. The number of successful projects has shown that the network can weather such difficult times.

The 4th Plenary Meeting was attended by 67 participants, **list attached**, including Dr. Sigurd Höllinger, Vice-Minister for Science and Transport, Republic of Austria. Other participants were prominent figures in academic institutions in member countries. The meeting was attended by several observers, among them representatives of Ministries.

### Opening Session

Prof. Bolhar, the local organiser, introduced the Rector of Vienna University, Prof. Greisenegger, who welcomed the participants.

Prof. Greisenegger spoke of the history of the University of Vienna and its organisation, the wish to intensify the relations between Asia and Europe, the human-oriented exchange of science and technology and the major interest of economic links. At the beginning natural sciences dominated but the focal areas have now increased.

The present chairman, Prof. Rode thanked Prof. Bolhar and his team, the rectors of the host universities and the sponsors, especially the Ministry of Science and Transport and the Foreign Ministry.

Reviewing the past 1 1/2 years, he reported that the number of members and countries participating has increased. There was an economic crisis in S.E. Asia which could be counteracted due to the additional support given by the Ministry of Science and Transport and the Foreign Ministry so that cooperation could be maintained.

The guidelines of a recent United Nations North-South Network Study were presented, most of which is actually already incorporated in the Asea-Uninet structure (e.g. both sides should have advantages, concrete goals and contributions should exist, commercial costs should be limited by using internet, government structures should be kept flexible).

The opening speech of Vice-Minister Dr. Sigurd Höllinger stressed the importance of globalization of knowledge and the commitment of governments to make these chances available to young people, upholding the variety of educational systems but also making the systems more flexible in order to work towards a common approach. The new university law offering Austrian universities the choice to adopt the three-step system (Bachelor's, Master's and Ph.D.) was described. The international academic cooperation existing in ASEA-UNINET will bring mutual benefits and encourage political and economic partnership. The full speech is attached to this report.

### **Working Sessions and Briefings**

The venue of the meeting changed daily so that the participants had a chance to visit the five universities in Vienna mentioned below:

University of Vienna, Technical University, University of Veterinary Medicine, University of Agricultural Sciences, University of Economics and Business Administration.

At each of the host universities briefings were given, detailing the history, curriculum, cooperation areas and exchange programmes. A central theme was the new university law being implemented at the present time in Austria which gives the universities more autonomy.

At the opening session at the *University of Vienna* the importance now put upon evaluation of teaching and research and outside funding was stressed. However, basic science research which does not pay off within 10 years will still remain a role for the government.

At the *Technical University of Vienna* many questions were raised concerning links with industry and major fields of interest: materials science; laser technology; research in the field of bio-chemistry; bio-medical products e.g. sensors in human body - simulation of muscular stimulation; bio-mechanical - kinetics of human movement, artificial parts of body; competence centres/special labs e.g. telecommunications; bilateral programmes e.g.

doctorates in industrial research; environmental protection e.g. regenerable energies such as wind and bio-mass.

At the *University of Veterinary Medicine*, state-of-the-art technology was shown, including a visit to the animal reproduction/medical centre, food technology and genetical engineering, demonstrating the wide range of activities not only in the basic sciences but also in their application e.g. hippotherapy.

At the *University of Agricultural Sciences* a film documented well the great range of activities this field of science covers. The participants visited the Departments of Water Management, Hydrology and Sanitary Engineering and the Departments of Applied Microbiology, Applied Genetics and Food Technology.

The very modern structure of the *University of Economics and Business Administration* was reflected in the curriculum covering 22 languages. The international study programme is geared to the needs of the market to produce globally active academics.

## **II. REPORTS FROM REGIONAL COORDINATORS**

**The Regional Coordinators (Europe, South-East Asia) presented their reports.**

- **European Report: Prof. B.M.Rode**

Prof. Rode welcomed the new European members. The exchanges in staff and students have increased despite budget restrictions. Projects continue well and further partners have been included. During Austria's European Union (hereafter referred to as EU) Presidency, new initiatives were taken and a letter from the Commission was received that project proposals from an established network will be welcome. A central issue will be to approach new financial sources. The EU holds 77 million EUR for university cooperation between EU and S.E.Asian countries (details are given under Point V). The Asian Study Programmes offer a significant chance to increase cooperation. Talented Indonesian students were sponsored by fundraising campaigns by European companies, and the Austrian Ministry for Science and Transport initiated on-place scholarships to enable the completion of M.Sc. studies at ASEA-UNINET member universities in Indonesia. Sandwich Master and Ph.D. programmes between ASEA-UNINET and universities in S.E.Asia will also help cut costs and make better use of the scholarships available since only part will be performed in Europe.

The dispersion of information within ASEA-UNINET could be greatly improved by making regular use of the Notice Board on internet. This would enable a more efficient use of the network. Projects should be entered during the planning stage to enable more multilateral projects and participation, sharing travel funds etc.

The network has further expanded and this new dimension should be reflected by an alteration of the present name, keeping however the acronym. Looking back over the past 5 years, the Chairman concluded, much has been achieved.

- **S.E.Asian Report: Prof.Dr. Surapone Virulrak**

Many of the Thai university presidents were missing at this meeting, as they had to defend their university budgets in parliament. The Ministry of Education and Ministry of University Affairs in Thailand are merging and the universities will lose some of their autonomy. The government structure is becoming more rigid, there is zero growth, many positions at universities are left vacant. There is a block grant controlled by the government. The Right for Public Information Law makes the universities accountable to the public.

The EU Commission set up a Centre for European Studies at Chulalongkorn University which has been operating for 2 years and is supported by the Thai government.

The Austrian Minister for Science and Transport, Dr. Caspar Einem, visited Chulalongkorn University at Bangkok, Gadjah Mada University at Yogyakarta and the Technical University of Hanoi in February this year.

European students could come to S.E.Asia to study architecture, science etc. but credit transfer due to different systems is still a problem.

Despite the UNESCO resolution, many academics are out of work and farmers are not benefiting from research.

The Asian economy was reviewed. There is a shortage of human resources, funding, ranking and rating but the area is rich in culture, philosophy, languages and civilisation. Cooperation is important but requires careful handling, the potential being the people.

The Journal of Humanities "Manusya" was introduced.

The newly implemented area of arts, especially music, has proved very successful.

### **III. REPORT FROM NEW MEMBERS**

Four new members of ASEA UNINET presented the profiles of their universities, namely:

- University of Oviedo, Spain
- Institute of Technology Bandung, Indonesia
- University of Trento, Italy
- University of Salzburg, Austria

The University of Ioannina, Greece, was absent at this 4th Plenary Meeting.

The University of Oviedo is on a course of expansion, has in the past mainly cooperated with universities in Latin America, offers EU programmes and is a member of a Consortium of 7 Public Spanish Universities.

The Institute of Technology Bandung focuses on education, research and community service providing urban and remote areas with fundamental technical support in a heavily populated area. This university is owned and controlled by the government. Due to limited space the number of undergraduate students is being reduced to make room for more postgraduate students.

The University of Trento is a young state-autonomous university with a special status linking Italian and Central European culture. There are connections with China and joint degree programmes with Germany. All students are encouraged to study abroad.

The University of Salzburg, in a central location in Austria , also focuses on international connections with China and the diversification of these.

All Members presented the structure of their universities and programmes offered.

#### **IV. ASEA-UNINET POLICIES**

**Discussions** were held on the future policy and strategies.

##### **Membership**

In accordance with the results of the 3rd Plenary Meeting limited and balanced growth has been achieved. The number of members is under 50 and there are 23 S.E.Asian university members and 22 European members (total 45 - in the past the TU HCM City and HCM CITY University merged and become Vietnam National University of HCM City).

Search for cooperation with other non-ASEA-UNINET universities:

- In S.E.Asia interest was shown by Philippine, Thai and Malaysian universities.
- Due to financial restrictions growth should not be sought with universities in countries that would "dilute" the financial means e.g. Laos.
- Contact will be sought with important universities missing in the network (e.g. IP Bogor, Indonesia) who would be useful to our organisation.
- Malaysia and Singapore would be new countries of interest.
- The University of Lund, Sweden, and a Finnish university were approached but contacts not established.
- One university each in Germany and France, and one each in Hungary and Slovakia would be of interest expanding ASEA-UNINET's presence in Europe and giving a wide spectrum of countries for participation in EU projects.

##### **Financing Strategies**

- Successful strategies should not be changed
- Use facilities to organise and stimulate small-scale projects (Seed money)
- Research projects should be considered on a case by case basis
- Each university is responsible for its own financing but should utilize possibilities at national and EU level
- Multilateral projects are more economic so the network structure enhances the chances of support for such projects, especially as larger projects need outside funding
- Membership fees and local funding are sufficient for the organisational costs – these should continue to go to the Chairman
- Contributions should be made from all sides (cash or kind), according to the principle of fair, balanced contributions

##### **Purposes**

- Communication and information network to support those in need
- Research and teaching network.
- Length of projects approx. 1 – 1 ½ years.
- A Statement of Mission was discussed (see below).

Following **decisions** were made:

## **Name**

The interpretation of the network's name

# **- ASEA-UNINET -**

was changed from - Austria – South-East Asia University Network - to

# **ASEAN-European Academic University Network**

(founded by Austria in 1994)

in order to reflect the European dimension.

## **Membership fees**

**Annual membership fees remain unchanged:**

- European universities USD 500
- South-East Asian universities USD 300

**The one-time enrolment fee for**

- South-East Asian Universities will remain at USD 250
- European universities will remain at USD 1000.

## **Future Policy, Project Strategy, Financing Strategies**

- It was agreed at the meeting that the network should increase cautiously, with a maximum addition of about 4 members each on the European and S.E.Asian side.
- To get additional funding under the ASEM umbrella
- To improve the information flow by the effective use of the Notice Board. Each university coordinator should give an Act of Performance twice a year, quoting what has been done and what is planned. The Chairman should monitor this.
  - Limit costs by use of internet and e-mail
  - **The following Statement of Mission was discussed and agreed upon unanimously. A copy of this document will be sent to each member university.**

# STATEMENT of MISSION

*Having in mind the process of increasing globalization and of continuous internationalisation of education and research,*

*Considering the importance of science and research for development and indigenous capacity building,*

*Noting with interest the ASEM process between European and Asian States,*

*Being aware that networking and partnerships are the most promising way to achieve success within this context,*

ASEA UNINET was founded in 1994 by Austrian and some S.E.Asian (Indonesian, Thai and Vietnamese) universities as an association of European and South-East Asian universities with the following aims:

- *to encourage and facilitate cooperation between academic institutions in staff/student exchange, teaching and research activities*
- *to promote scientific, cultural and human relationships and personal contacts*
- *to encourage and initiate projects of mutual interest and benefit for faculties, staff and students*
- *to assist in forming coalitions of resources for academic activities between member institutions*
- *to facilitate contacts between universities, governmental and non-governmental organisations and economic operators engaged in projects related to education, science, technology and art in countries with member universities*
- *to act as a forum of continuous discussions on the progress of these projects, and serving as a network of excellence providing expertise and initiatives for entities seeking European-S.E.Asian relations in the fields mentioned above.*

For these programmes financing will be sought by all member institutions from university and national government sources.

Contributions to projects will be made by the universities on the basis of fair balance according to their economic and financial situation.

Additional financial support will be sought from regional (e.g. EU, ASEAN) as well as international agencies and from the private sector according to available project lines.

Agreed upon unanimously by the representatives of all member universities on the occasion of the 4<sup>th</sup> Plenary Meeting of ASEA-UNINET (ASIAN-European Academic University Network, founded by Austria in 1994) in Vienna on July 7, 1999 and serving as the General Contract of Partnership by the Members.

## V. RELATION OF ASEA-UNINET TO OTHER ORGANISATIONS

Three guest-speakers introduced European-ASEAN cooperation programmes, namely

- Mr. Andrew Jacobs for the European Union, Brussels, Belgium
- Ms. Porntip for AUN, Bangkok, Thailand
- Dr. Schallenberg, Governor ASEF (Asia-Europe Foundation), Vienna, Austria

## **European Union**

Andrew Jacobs spoke about the programmes that are already available or will be so in the near future which cover South and South-East Asian countries to promote academic cooperation between the European Union and ASEAN (Association of S.E.Asian Nations).

The EU provides support where support is needed to ease the way to successful cooperation. Activities are governed by ALA regulations. The "ALA" committee meets on a monthly basis to review proposals put forward by the EU for financing.

### **ASEM (Asia-Europe Meeting)**

This process was initiated in 1996 and also led to the creation of ASEF (Asia Europe Foundation). A "Vision Group" recommended cooperation in the field of education and scholarship programmes.

The Commission is convinced that closer linkages among academic institutions and increased access to learning opportunities pertinent to EU-Asian relations result in enhanced understanding among the elite - academics, high level civil servants, and business people, - and facilitate an intensification of mutually beneficial economic cooperation. The Commission is particularly keen to support activities that result in:

- increased study of contemporary Asian affairs in Europe and of contemporary European affairs in Asia;
- mobility of post-graduates and teaching staff;
- special linkages among institutions focusing on fields with a major influence on economic co-operation ( e.g. business studies, management training, engineering);
- joint research and curricula development;
- mutual recognition of academic qualifications;
- increased availability of information on study opportunities in Asia and Europe.

A summary of the 4 main activities is given below.

### **1. PTS (Postgraduate Technological Studies Programme)**

The PTS programme is organised by AIT (Asian Institute of Technology) with support from NUFFIC (Netherlands Organisation for International Cooperation in Higher Education) for

- 90 Masters or PhD students from AIT to attend courses at universities in Europe for 4 months and
- 90 European post graduates to earn a Master's degree at AIT (20 month course).

Europeans have shown less interest but numbers are increasing and European participants are still needed. The programme runs until December 2001.



## **2. European Studies Programme**

The European Studies Programme should raise the EU profile, promote better understanding of the EU among academics and public and private sector decision-makers and facilitate linkages with universities in Europe. They normally include following elements:

- a European Fellow-in-Residence
- faculty fellowships in Europe for ASEAN teaching and research staff
- senior research grants
- the organisation of seminars and workshops, targeted at both students and civil society
- the setting up of a European Documentation Centre

Several successful programmes have been carried out, e.g. in the Philippines and in Thailand (Chulalongkorn Univ.), where a self-sustaining masters' course in European studies now exists. A centre is planned in Vietnam in 2000 and tenders for technical assistance will be invited soon.

## **3. AUNP (ASEAN-EU University Network Programme)**

This programme will be advertised on internet next month with invitations to tender. Operations should start up early 2000 and has 4 years to run. Participants are invited to bring in initiatives and suggestions while the programme is still in discussion. There is a budget of EUR 7.767.500 (EUR 7 mio from the Commission).

### **Objective**

To promote university partnerships between ASEAN and EU

### **Beneficiaries**

All higher education institutions in EU and participating ASEAN countries (Indonesia, the Philippines, Thailand, Vietnam, Malaysia, , Singapore, and Brunei)

It is overseen by a Steering Committee.

### **A. - AUNP - Network Support Facilities**

- bi-annual rectors conferences, bringing together ASEAN and EU university rectors to exchange information and ideas on the enhancement of ASEAN-EU Partnerships in the field of higher education;
- annual short-term technical assistance programmes, benefiting the ASEAN University Network and aiming at transferring European know-how in areas such as enhanced approaches to academic co-operation;
- and annual round-table meetings held at the level of the heads of international relations of universities and public authorities dealing with higher education co-operation.

### **B. - AUNP - Financial Support to Projects**

Financial support is provided to projects facilitating partnerships between EU and ASEAN higher education institutions. Applications are made formally to calls for proposals which are published at regular intervals by the European Commission. Co-financing is required.

- up to EUR 200.000 per project for up to about 20 joint partnership projects and
- support of up to EUR 5.000 per proposal in the first year for setting up the project.

## Eligibility

- at least 2 ASEAN and 2 EU universities all from different countries
- specific subject areas within one or more fields, such as social and human sciences, basic sciences, engineering and technology, health, and the environment
- maximum project duration 2 years
- include at least 3 of the following elements:

- joint academic activities
- curriculum development
- development of course material
- exchange of faculty
- PhD scholarships
- common applied research
- sharing of research output
- publications.

## Long-term Objective

To establish sustainable relationships and networking.

## 4. ASIA-Link

This is a major new initiative with grants for a wide range of activities for higher education (EUR 30 mio over 5 years) and central point for dissemination of information. Input welcome!

- firstly, to encourage mobility:

- scholarships for research and PhD work, particularly in key technological and industry sectors, as well as law, economic, and European Studies per se;
- the establishment on a trial basis of an EU-Asia Credit Transfer System, an EU-Asia System of Academic Recognition, and an EU-Asia Higher Education Information System;

- secondly, initiatives to facilitate inter-institutional co-operation:

- joint projects in fields with a high potential for EU-Asia economic co-operation, such as business/management, economics, and technology;
- the upgrading of management, curriculum, and academic capacity of universities in the developing countries of South and South-East Asia (through for example quality audits);
- increasing the capacity of institutes of higher education in the developing countries of South and South-East Asia to offer relevant services to the public and private sector;

- thirdly, activities to provide access to contemporary Asian and European studies:

- the setting up and running of European studies courses at higher education institutions in Asia;

- the setting up and running of Asia studies courses at higher education institutions in Europe;
- the convergence of curricula in European and Asian studies

Due to the large field covered by this presentation and the great interest shown, numerous questions were raised.

- Asia Link – to give access to general information
- Steering committee restrictive to date - not intentional and should change in the future. EU open to suggestions and ideas
- INCO-DC projects
- DCIB XII and DGIB IB, different objectives which should complement each other in future. 5th Framework SOCIO-ECONOMIC favours economics and industry.

DCIB XII2 – support centres of excellence in developing countries and the EU,

DCIB IB – state in transition

- Interest to set up European Studies Centres in Indonesia - wait for proposal and Asia Link for own country. Procedures not available at present.
- Evaluation not bound to election periods
- Programmes signed with individual professors? Not with individuals but with the universities
- 1-year programme too short? Variety of programmes.
- Co-financing – yes, EU not provide 100%

## **AUN (ASEAN University Network)**

Ms. Porntip from the Ministry of University Affairs in Bangkok, talking on behalf of AUN, spoke of the mobility of the younger generation. Thanks to the endorsement and support from her own government which funds the operational costs and support by the other member countries, the AUN Center has been established with its permanent location in Bangkok.

The ASEAN-EU University Network Programme has as its main objective

- to promote university partnerships between ASEAN and the EU

and has a duration of 5 years. Ms. Porntip detailed the types of activities and requirements which have been included under Point 3. above, stating that ASEA-UNINET already has the structure and prerequisites for this programme.

## **ASEF (Asia-Europe Foundation)**

Dr. Schallenberg, the Austrian Representative on the Board of Governors of ASEF (Asia-Europe Foundation Singapore which is under the ASEM umbrella), introduced the projects of this organisation. There is a historical triangle U.S.A. - Asia - Europe. Coordination between Europe and Asia is weaker than between Asia/USA. The European link should become stronger.

ASEF finances projects with the intention to bring people together (intellectual, cultural and people-to-people exchange).

This can start at an early age, classroom seminars with use of e-mail get young people involved.

Also involved in sustainable forest management, WTO, PEARL.

There will be a meeting in Vienna next spring, so there is the possibility of personal contacts.

Project proposals can be submitted through the National Representatives on the Board of Governors.

## **VI. FOCUS AREAS OF COOPERATION**

All participants split into five groups namely :

I. Agriculture and Biotechnology

II. Basic Science and Engineering

III. Economics & Business, Tourism, Social Sciences and Humanities, Human Rights

IV. Medicine & Biomedical Sciences

V. Philosophy and Art

The university delegates have intensively discussed the focus area of cooperation in each group in order to decide on the areas of cooperation that will be continued and the areas that will be set up. The results of these discussions are the following:

### **Group I**

#### **AGRICULTURE AND BIOTECHNOLOGY**

New member ITB, Indonesia, is interested in:

- a. Controlled engineering of fermentation (soybean, tea ...); recording of key-parameters during fermentation process; modelling of the fermentation process.

Univ. of Agric. - Vienna (Prof. Braun, Prof. Berghofer), KMITT - Bangkok, Gadjah Mada - Yogyakarta, University of Graz, University of Technology - Hanoi.

- b. Environmental-friendly pesticides from higher plants

PSU - Hat Yai, Univ. of Vet. Med. - Vienna, Univ. of Agric. - Vienna, KMITT - Bangkok (Nasyda)

a. is related to biotechnology, b. is related to sustainable agriculture

## 1. BIOTECHNOLOGY and GENETICS

- Transgenic animals: production of specific proteins or precursor substances for industrial production - "animals work cheaper compared to micro-organisms"  
  
Univ. of Vet.Med - Vienna, Mahidol Univ. - Bangkok, .....
- Genetic documentation of domestic animals (local varieties) with PCR  
  
Suranaree Univ.- Nakhon Ratchasima, Mahidol Univ. - Bangkok, ....., Univ. of Vienna (Biocenter), Univ. of Agric. - Vienna, Univ. of Vet.Med. - Vienna.
- Transgenic plants from temperate climate - transformed to be grown in the tropics: cut flowers, soybean  
  
Gadja Mada Univ. - Yogyakarta, Univ. of Agric. - Vienna, Univ. of Technology - Vienna, Univ. of Vienna
- Applied Biotechnology: waste water treatment  
  
Univ. of Technology - Hanoi, KMITT - Bangkok, Univ. of Agric. - Vienna, Univ. of Vienna (Prof. Janauer), Univ. of Economics & Bus. (Prof. Vogel)

2.

## 3. FOOD SERVICES AND ANIMAL FEED

- Post-harvest technology for tropical fruit and vegetables - long distance transport of fruit almost impossible - alternative method: pulp (juice) production.  
  
KMITT - Bangkok, PSU - Hat Yai (fruit technology), Gadjah Mada - Yogyakarta (fruit parasites), Univ. of Agric. - Vienna
- Modified starch, transformed starch  
  
ITB - Bandung, Univ. of Agric. - Vienna, .....
- Animal feed, animal nutrition, food quality management (storage), mycotoxins, hay, silage  
  
PSU - Hat Yai, Gadjah Mada - Yogyakarta, Univ. of Vet.Med. - Vienna, Univ. of Agric. - Vienna, Khon Kaen, Srinakharinwirot (Lactase)

4.

## 5. SUSTAINABLE AGRICULTURE

- Environmental-friendly pesticides (see b)  
  
ITB - Bandung, PSU - Hat Yai, Univ. of Agric. - Vienna, Univ. of Vienna
- Ecological-oriented production in agriculture. Small farmers are not easily convinced to diminish the input of agro-chemicals. Target would be "low input agriculture", mixed culture, crop rotation, home gardens. High input of agrochemical increases yield, but reduces profit.

KMITT - Bangkok, PSU - Hat Yai, Gadjah Mada Univ. - Yogyakarta, Univ. of Vienna, University of Agric. - Vienna, ITB - Bandung, Khon Kaen - Thailand, Univ. of Vet.Med. - Vienna.

- Recovering of "bad lands" after stripfarming

PSU - Hat Yai, .....

- Phytotherapy

Univ. of Vet.Med. (Prof. Franz) - Vienna, ITB -Bandung, .....

- Erosion

ITB - Bandung, KMITT - Bangkok, Gadjah Mada - Yogyakarta, PSU - Hat Yai, Univ. of Vienna

6.

#### **7. NATURAL RESOURCES MANAGEMENT**

- New item

KMITT - Bangkok, Univ. of Agric. -Vienna, Univ. of Vienna, Univ. of Economics & Bus. - Vienna (Prof. Vogel), .....

8.

#### **9. TRAINING COURSES**

- Mycotoxins, the hidden danger in food and feed

Univ. of Vet.Med. - Vienna, Gadjah Mada Univ. - Yogyakarta, several planned in Thailand, .....

- Advanced techniques to measure bioproductivity in a changing environment

Univ. of Vienna, Gadjah Mada Univ - Yogyakarta planned, .....

10.

#### **11. DEVELOPMENT OF SANDWICH PROGRAMME AND JOINT DEGREE (predominantly for Ph.D.)**

No final reports but some projects in the pipeline.

Any universities interested in the above fields and whose names are not on the list, are cordially invited to contact Prof.Bolhar-Nordenkampf at the Univ. of Vienna for inclusion.

- Asian/European studies (jointly organised by WIHOK - Univ. of Vienna has been running a special course in European studies since 1999 which awards a degree, fee ATS 30.000)
- Anthropology (Prof.Seidler)
- Pharmacology (Prof. Kubelka)

## Group II

### BASIC SCIENCE AND ENGINEERING

#### General Statements

1. There should be a list of focus areas on the webpage of ASEA-UNINET. For each focus area there should be a short description in terms of topics which are pursued resp. which are proposed by the universities participating in the focus area. In the latter case a description should be provided by each coordinator of a participating university.
2. If possible, a coordinating person should be named for each focus area, to whom inquiries should be addressed. If no such person exists, the coordinators of the participating universities should act as contact persons.
3. The coordinators of the universities participating in a specific focus area should list all activities of the university related to the focus area in their semi-annual report.
4. Focus areas without any activities during the last period can remain on the list of focus areas, provided there is still strong interest by member universities in this focus area. However, at the next plenary meeting there has to be a thorough discussion if this focus area should still be included on the list.

#### Focus Areas

The focus areas in the list below were already agreed upon at the 3<sup>rd</sup> Plenary Meeting in Yogyakarta, The names of a few have been changed in order to give a better characterization of the range of topics included. The universities listed with each focus area include the past and newly participating universities:

Area of Cooperation	Universities Involved
<b>Computational Chemistry and Physics</b>  Contact: Prof.Rode, Univ.Innsbruck	Innsbruck U., Chulalongkorn U., UGM., Vienna U., Univ. of HCMC, Univ.Pharmacy HCMC
<b>Automotive Engineering</b>  Contact: Prof.Pischinger, TU Graz	TU Graz, MU Leoben, Chulalongkorn U., ITS, TU Prague, HUT Hanoi, ITB Bandung, TU Vienna
<b>Material Sciences/ Engineering</b>  Contact: Prof.Paschen, MU Leoben	U.I., ITB, UGM, MU Leoben, HUT Hanoi, VNU HCM, ITB Bandung, ITS Surabaya, Mahidol U, KMITNB,U Philippines (Diliman), UI, U.Trento, TU Vienna
<b>Environmental Engineering and Sciences</b>  Since no activities were reported, item 4. of the "General Statement" applies	Univ. of Middlesex, T. U. Vienna, T. U. Graz, HUT Hanoi, ITB Bandung, ITS Surabaya, Mahidol U, UNDIP, U.Philippines (Diliman), U.Trento

<b>Geographic Information Systems, Geodetic Engineering</b>	T.U. Graz, M. U. Leoben, Chulalongkorn U., T. U. Vienna, UI, UGM, VNU HCM, ITB Bandung, ITS Surabaya, HUT Hanoi, Kasetsart U, U.Philippines (Diliman), U.Trento, U.Utrecht
<b>Transportation and Tunnel Engineering</b> Contact: Prof.Beer, TU Graz	T.U. Graz, M.U. Leoben, Innsbruck U., ITS, UGM, UI, Chulalongkorn U., T.U. Prague, ITB Bandung, UNDIP
<b>Production and Manufacture Engineering</b> No activity was reported. Item 4 of the "General Statement" applies	T.U. Vienna, T.U. Graz, ITS Surabaya, HUT Hanoi
<b>Applied Mathematics</b> Contact: Prof.Kappel, U.Graz	T.U. Vienna, UGM, U. Graz, ITS Surabaya, Chulalongkorn U, Mahidol U, KMITNB, U.Innsbruck, UNDIP
<b>Information Technology</b>	T.U. Vienna, ITS, UGM, Chulalongkorn U, KMITT, KMITNB, KMITL, HUT Hanoi, VNU HCM, ITB Bandung, UI, U.Linz, U. Middlesex, TU Prague, U.Utrecht

**With regard to the focus area "Microbiology and Biocatalysts", no activities were reported by the group. In the course of the Plenary Meeting it turned out that possible activities within this focus area are covered by "Biotechnology and Genetics" handled by Group I. This focus area has, therefore, been deleted from the list of focus areas of Group II.**

The following areas should be listed as possible future focus areas:

- Biomedical Technology
- Renewable Energies
- Mechatronics

Member Universities are encouraged to set up activities within these areas, which are candidates for new focus area at the next Plenary Meeting.

### **Group III**

#### **ECONOMICS & BUSINESS, TOURISM, SOCIAL SCIENCES AND HUMANITIES, HUMAN RIGHTS**

During the meeting, several focus areas were identified, namely:

##### **1. ECONOMICS AND BUSINESS**

###### **A. International Trade/Economics**

- Free Trade versus Protectionism ("Fortress Europe")
- Globalization versus Regionalism





### **Key: Universities and Countries**

A = University of Indonesia, Jakarta, Indonesia

B = University of Medicine and Pharmacy, HCM City, Vietnam

C = University of Veterinary Medicine, Vienna, Austria

D = Silpakorn University, Thailand

E = Khon Kaen University, Khon Kaen, Thailand

F = Chiang Mai University, Chiang Mai, Thailand

G = Mahidol University, Bangkok, Thailand

H = University of the Philippines, Quezon City, Philippines

I = University of Graz, Austria

J = University of Innsbruck, Austria

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#### **1. Medicinal Plants**

- Prof.W.Kubelka, University of Vienna, Austria
- Dr. Wanchai Sutananta, Silpakorn University, Thailand
- Prof.Soleh Koszla, University of Indonesia, Indonesia
- Dr. Tran Hung, University of Medicine and Pharmacy, HCM City, Vietnam
- Prof.Ch.Franz, University of Veterinary Medicine, Austria

(Initial conveners)

- Prof.Arayer Jatisatienr, Chiang Mai University, Thailand

#### **2. Pharmaceutical Sciences**

- Umar Mansur, University of Indonesia, Indonesia
- Dr. Wanchai Sutananta, Silpakorn University, Thailand
- Prof. Vu Khanh, University of Medicine and Pharmacy, HCM City, Vietnam

### **Group V**

#### **PHILOSOPHY and ART**

9 participants:

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Dr. Jan Veldhuis, Utrecht University

Dr. Wardiningsih Soerjohardjo, University Indonesia, Jakarta

Prof. Ichlasul Amal, UGM, Yogyakarta

Dr. Wanchai Sutananta, Silpakorn University, Bangkok

Prof.Klaus Ager, Mozarteum, Salzburg

Mag. Josef Leyrer, Mozarteum, Salzburg

Mr. Sitiporn Ritorisakrai, Ministry of University Affairs, Bangkok

Prof.Surapone Virulrak, Chulalongkorn University, Bangkok

## **EUROPEAN and ASIAN STUDY PROGRAMMES**

European Studies - South East Asian Studies

### **Projects**

**ToT** - Training of Trainers

**C.A.I.** Creative Artists Interaction

**E.P.A.S.** Exchanges of Professional Artists, Students and Staff

### **Time Frame (1 1/2 years)**

### **Missions and Evaluation**

**ToT** 5 Experts travelling workshop on ASEA STUDIES in Europe & South-East Asia.  
(Expect 400 attendants)

**CAI** Artists of the same/different field, joint workshop  
(Expect 1in Europe, 1 in South-East Asia)

**EPAS** Both in Europe & South-East Asia  
(Expect x activities)

### **Important Keywords**

General/practical

Music, Architecture, Arts

Language/Philosophy

\*Infrastructure, Net

Who is Who

Creative, Post Creative

(\*Infrastructure - interpretation of existing creative work of arts)

## VII. ORGANISATIONAL MATTERS

### 1. ELECTIONS:

**University Coordinators** There is no change in the University Coordinators except for Universitas Indonesia, where Mr. Kusmardiono, Vice Rector for Foreign Affairs, will replace Prof. Tadjudin. **National Coordinators** *The National Coordinators elected are as follows:*  
Austria: Prof. Dr. B.M. Rode, Innsbruck Czech Rep.: Prof. Dr. Vladimir Marik, Prague  
Denmark: Prof. Dr. Lars Jorgensen, Sonderborg Greece: Prof.Dr.Dimou, Ioannina Indonesia: Prof. Dr. Soegiono, Surabaya Italy: Prof.Dr.Ing.Riccardo Zandonini, Trento Netherlands: Henk van Rinsum, Utrecht Philippines: Dr. Olivia Caoili, Quezon City Spain: Prof. Dr. Fernando Sanchez Bravo-Villasante, Oviedo Thailand: Dr. Surapone Virulrak, Bangkok UK: Prof. Dr. Norman Revell, London Vietnam: Prof. Dr. Banh Tien Long, Hanoi **Regional Coordinators** Europe: The Austrian National Coordinator, Prof.Dr.B.M.Rode, was elected as the European Coordinator Asia: The Thai National Coordinator, Prof.Dr.Surapone Virulrak, was elected as the Asian Coordinator. **Chairman** Prof.Dr.Surapone Virulrak, the Asian Coordinator, was elected as Chairman for the period 8/1999 –2/2001.

### 2. Venue for the Intersessional Meeting

Both the University of Utrecht and the Universities of Trento offered to host the Intersessional Meeting. Since Utrecht has been a member for a longer period, the venue was agreed upon for April/May 2000 in Utrecht . The University of Trento will gladly be considered next time.

### 3. Venue for 5<sup>th</sup> Plenary Meeting

The venue for the 5<sup>th</sup> Plenary Meeting was agreed upon for February 2001 in Thailand at the Prince of Songkla University, Phuket Campus.

### 4. Remarks from the new Chairman

**Thanking the previous Chairman for his work and the Assembly for the trust put in him, the new Chairman put forward several remarks:**

- **To publicize the image of ASEA-UNINET**
- **To utilize internet more intensively**
- **To activate contacts in Malaysia and Singapore**
- **To further develop the well-functioning network for future ASEA-UNINET generations and make it endurable and sustainable for future challenges.**

# List of Participants and their Addresses

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- Italy
- Netherlands
- Philippines
- Spain
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