



SEALING

FP7-ICT-247648 PROJECT

*Support to policy dialogues and strengthening of cooperation
with Southeast Asia*



Deliverable D3.3 Synergies with international dialogues and activities Progress report n°3

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INTRODUCTION

The present document is a deliverable of the SEACOOP initiative, supported (through the funding of the SEALING project) by the Directorate General Information Society and Media of the European Commission under the “7th EU Framework Programme for Research and Technological Development”, or FP7 (see <http://cordis.europa.eu/fp7> for full details).

The SEALING project work plan is divided into work packages (WP), each of them being subdivided into tasks.

One of the work packages – WP3: Synergies with international dialogues and activities – aims at liaising with EC programmes and initiatives, and also at liaising with EU Member States (MS), EU Associated States (AS) and ASEAN initiatives.

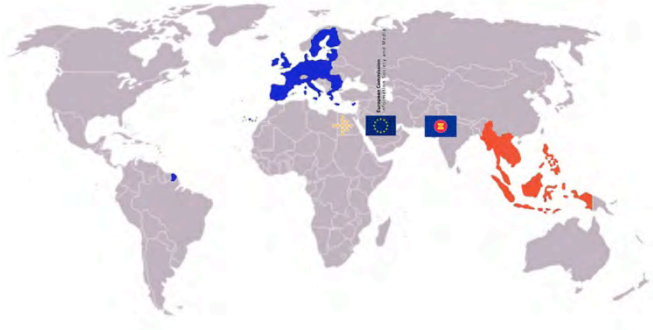
WP3 is structured into 2 tasks:

- Task 3.1: Liaison with EC programmes and initiatives
- Task 3.2: Liaison with MS, AS and ASEAN initiatives

The present document is a deliverable related to this WP and reporting on the activities developed during the third 6 month-period of the project (from January 1, 2011 to June 30, 2010).

SEALING IN A NUTSHELL

SEALING is an initiative aiming at strengthening cooperation on ICT research between Europe and the countries that are members of the Association of Southeast Asian Nations ([ASEAN](#)): Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, the Philippines, Singapore, Thailand, and Vietnam. This initiative is supported since 2004 by the European Commission ([Directorate General Information Society and Media](#)) through its Framework Programme for Research and Technological Development (FP6 and [FP7](#)), and by the ASEAN Secretariat since 2008.



Among planned SEALING activities over the period 2010-2011:

- Identification and analysis of ICT policy and research priorities, at bilateral and regional levels, and provision of recommendations for future cooperation initiatives,
- Organization of cooperation events in Europe and in Southeast Asia synchronised whenever possible with policy dialogue meetings,
- Development of synergies with dialogues and activities launched under EU-funded programmes, at the initiative of EU Member States and Associated States, and at the ASEAN level,
- Development of promotion, dissemination and awareness-raising activities.

One of the main expected outputs of SEALING activities is logically a strengthened development of concrete cooperation projects in ICT research, namely under FP7. SEALING is coordinated by [Sigma Orionis](#), a company based in France and devoted to supporting cooperative research in ICT and global ICT developments, and includes, on the Southeast Asian side, the organisations playing a key role in ICT policy and research in each of the ten ASEAN countries:

- Advanced Science and Technology Institute ([ASTI](#)), Philippines
- Agency for the Assessment and Application of Technology ([BPPT](#)), Indonesia
- Institute for Infocomm Research ([I²R](#)), Singapore
- Multimedia Development Corporation ([MDEC](#)), Malaysia
- National Authority for Science and Technology ([NAST](#)), Laos
- National Council for S&T Policy ([NCSTP](#)), Vietnam
- National Science and Technology Development Agency ([NECTEC](#)), Thailand
- National ICT Development Authority ([NiDA](#)), Cambodia
- University of Brunei Darussalam ([UBD](#)), Brunei Darussalam
- University of Computer Studies, Yangon ([UCSY](#)), Myanmar

For further information, please visit the [SEACOOP web site](#) or [contact us](#).



LIAISON WITH EC PROGRAMMES AND INITIATIVES

The third project period gave the opportunity to strengthen and extend liaison with European programmes, projects and initiatives.

EU-FUNDED PROJECTS

SEA-EU-NET project

The SEA-EU-NET project aims at facilitating the bi-regional EU-ASEAN Science and Technology (S&T) dialogue. Since the project objectives are quite similar to the ones of the SEACOOOP project but at a cross-thematic level (SEACOOOP only addresses the ICT theme), the two initiatives have a logical interest to develop close synergies.



Such synergies started to develop since the start of the SEA-EU-NET project. During the reported period, the following activities can be reported:

- *2011 FP7 Information Days and NCP Training in Southeast Asia - June 20-24, 2011 - Indonesia and Thailand*

A news promoting the 2011 FP7 Information Days and NCP Training in Southeast Asia, organised by SEA-EU-NET has been highlighted on the SEACOOOP website. An invitation has been sent to the SEACOOOP partners being official NCPs for ICT, to participate and contribute as well to this event.

- *Meeting to present bibliometrical data on Southeast Asia - May 2, 2011 - Brussels, Belgium*

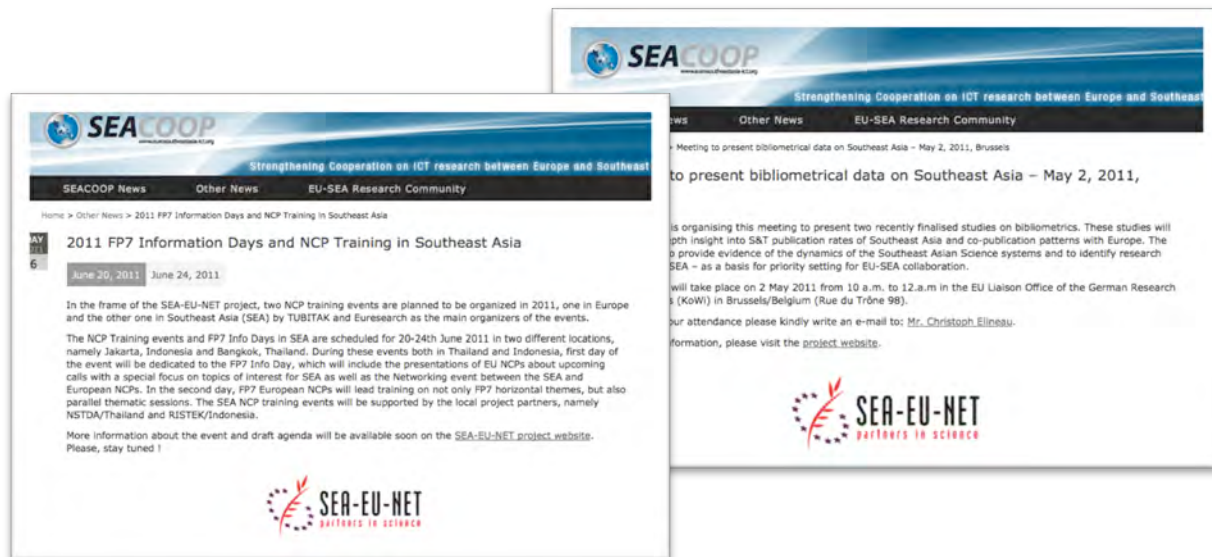
The objective of this meeting organised by SEA-EU-NET was to present two recently finalised studies on bibliometrics.

These studies provided in-depth insight into S&T publication rates of Southeast Asia and co-publication patterns with Europe. The goal was to provide evidence of the dynamics of the Southeast Asian science systems and to identify research strengths of SEA, as a basis for priority setting of EU-SEA collaboration.

SEACOOOP has been invited to participate in this event, and the latest version of the SEACOOOP report on "Mapping cooperation priorities between Europe and Southeast Asia in ICT research" has been promoted on this occasion and distributed to the attendees. Prior to this meeting, the



SEACoop Coordinator had been asked to contribute to the SEA-EU-NET bibliometrical study on the ICT theme.



News promoting events organised by SEA-EU-NET highlighted on the SEACoop website

Ideal-IST



Ideal-IST is an international ICT partner search network, with more than 60.000 contacts in line with the international cooperation strategy of the European Commission. Today the Ideal-IST network consists of 67 ICT national partners from EU and Non-EU Countries, such as Associated States, Eastern European Partner Countries (EEPC) and Mediterranean Partner Countries (MPC), and emerging countries like China, Brazil, India, and South Africa.

A close liaison has been established with Ideal-IST since the start of the SEACoop initiative. During the reported period, the following activities can be reported.

- *ICT Proposer’s Day (19-20 May, 2011, Budapest)*

ICT Proposer’s Day 2011 was a two-day event featuring networking and partnership building for FP7 Calls 8 and 9. The event took place on 19-20 May 2011 in Budapest under the Hungarian Presidency of the European Union.





During this ICT Proposer's Day, a brokerage event with pre-arranged face-to-face meetings was organised by the Ideal-IST initiative, in cooperation with the Enterprise Europe Network. The event targeted the widest spectrum of companies, universities and researchers interested in sharing new project ideas, and in finding partners in the perspective of upcoming FP7 ICT Calls.

On this occasion, SEACOOP collaborated with Ideal-IST to set up a number of targeted meetings during the two days. As a result, the SEACOOP project developed its contact network (over 30 relevant new contacts were established) while providing participants in these meetings with information and guidance services.

The EURASIAPAC project



The EURASIAPAC project supported by the European Commission under FP7 and aiming at contributing to the development of cooperation in ICT research between Europe and Asian-Pacific countries (Australia, New Zealand, Japan, and the Republic of Korea) is another project in the portfolio of the International relations Unit of DG Info.

Since the SEACOOP project coordinator is also a partner of the EURASIAPAC project, a close liaison between the two initiatives has been easily established. During the reported period, SEACOOP continued to actively support EURASIAPAC, sharing SEACOOP experience with EURASIAPAC partners, namely in order that the mapping exercise developed in each project can usefully lead to comparable results.

The TEIN 3 project



TEIN (Trans-Eurasia Information Network) is a flagship initiative in the area of "e-Infrastructures" with the global objective "to provide a dedicated high-capacity network for research and education communities across Asia-Pacific, connecting countries in the region, and providing direct connectivity to Europe's GÉANT2 network".

Following very fruitful links established between SEACOOP and TEIN3 during the two previous project periods, namely on the occasion of the 3rd SEACOOP Cooperation Forum on eInfrastructures (jointly organised by SEACOOP and TEIN3), the TEIN3 initiative expressed its interest to actively participate in the 6th SEACOOP Cooperation Forum on ICT research and ICT for development to be held in October 2011 in Myanmar. Since the objective of TEIN3 is to extend its activities towards the less-developed countries in Southeast Asia, a number of mutual benefits are expected to be developed on the occasion of this event.



The CASAGRAS2 initiative



CASAGRAS2 is a FP7 project looking at global standards, regulation and other issues concerning RFID and its role in realising an Internet of Things (IoT). A close liaison with CASAGRAS2 has been initiated during the reported period.

- *Liaison developed on the occasion of the 4th SEACOOOP Cooperation Forum on IoT*

Thanks to the green light given by the Unit in charge of IoT issues at DG InfoS, and the support of Ian Smith (CASAGRAS2 coordinator), three CASAGRAS2 experts in the IoT field have participated in this event. They played a key role in the event, contributing as speakers and moderators of the working groups, with the objective to identify short-term cooperation projects that could be presented to upcoming FP7 Calls (see D.33).

- *Further liaison*

An invitation to become a CASAGRAS2 supporting partner was sent to all SEACOOOP partners, following the Cooperation Forum on IoT. In addition, the ten SEACOOOP partners subscribed to the IoT Essential e-magazine, the recently launched CASAGRAS2 Newsletter (see Annex 2). News promoting this launch was also posted on the SEACOOOP website.



News promoting the launch of IoT ESSENTIALS e-magazine

OTHER EUROPEAN PROGRAMMES AND INITIATIVES

READI

This EU-funded programme aims at supporting the efforts of the ASEAN Secretariat and of the ASEAN Member Countries to harmonise policies and regulations in non-trade related sectors, drawing on European experience. It is expected that, by achieving this goal, citizens of the ASEAN Member States will benefit from stronger economic growth, increased leverage as a union, and enhanced social opportunities.



During the reported period, the SEACOOP Coordinator has been invited to take part to a (successful) proposal supporting the implementation of the READI facility, and will play the role of ICT expert beginning of September 2011 for a period of 3-4 years (see Annex 3).

A request for READI support (see Annex 4) has also been officially submitted by the SEACOOP Consortium and transmitted to the ASEAN Secretariat. Christophe Forax, DG Info's Counsellor for ASEAN, has been kindly suggested to introduce this request on the occasion of EC-ASEAN COST Meeting held in Siem Reap (Cambodia) in May 2011.

DG Research & Innovation

Further liaison with DG Research & Innovation was developed by the SEACOOP project on the occasion of the International workshop this DG has organised on June 16-17, 2011 in Brussels.

This workshop, connecting over 150 participants from 30 countries, focused on "International cooperation projects in support to research and innovation, policies and competence building". More precisely the workshop aimed at evaluating good practices, lessons learned and synergies with other programmes, with a strong participation of projects funded by DG Research and Innovation and targeting cooperation with Mediterranean countries, Sub-Saharan Africa, Southeast Asia, Latin America, and the Caribbean.

During this Workshop (see Annex 5), the objectives and achievements to date of the SEACOOP project were presented. The SEACOOP initiative was introduced by Roger Torrenti, CEO of Sigma Orionis, SEACOOP/SEALING project coordinator, during the parallel session devoted to Southeast Asia, together with other projects targeting this region, such as SEA-EU-NET, and programmes and initiatives such as READI.

DG Development and Cooperation - EuropeAid

Development and Cooperation - EuropeAid is the new European Commission's Directorate General (DG) responsible for designing EU development policies and delivering aid through programmes and projects across the world. It incorporates the former Development and Europeaid DGs.

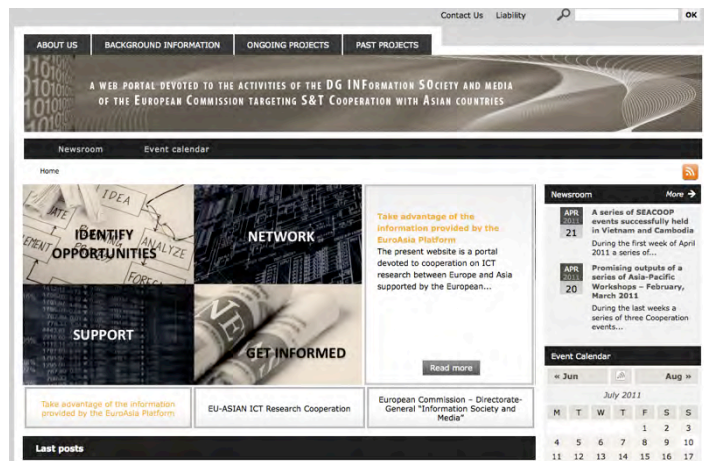
A series of synergies are planned to be developed with this DG on the occasion of the 6th Cooperation Forum on ICT research and ICT for development to be held in Myanmar or October 25, 2011 and already started within this reported period.

EuroAsia-ICT.org platform

In order to give an even more coherent image of the various projects in the portfolio of the International relations Unit of DG Info addressing the development of cooperation in ICT research between Europe and Asia and to facilitate the liaison between these projects, Sigma Orionis, coordinator of the SEACOOP project, had developed in 2007 the euroasia-ict.org web platform.



During the reported period, this website has been constantly updated.



Home page of the euroasia-ict.org web site

LIAISON WITH MEMBER STATES, ASSOCIATED STATES AND ASEAN INITIATIVES

LIAISON WITH EU MEMBER STATES AND ASSOCIATED STATES

For the last 6-month period of the project, the following progress can be reported concerning the development of liaison with initiatives developed by EU Member States or Associated States.

EU-SEA bilateral and multilateral Programmes

Efforts from the whole project consortium have been done during the last 6 months regarding the identification of ongoing European bilateral and multilateral programmes, with which potential synergies may be considered.

During the first project period, the document on EU-SEA bilateral programmes (dated June 2010) had been prepared. It has then been decided that in order to give more consistency to the original document the report should be updated and improved by adding ongoing multilateral cooperation programmes between a Southeast Asian country and two or more European countries, addressing (exclusively or partly) cooperation on ICT research.



This updated report including 33 bilateral and multilateral programmes has been prepared in April 2011 (see D.2.3) and made available on the SEACOOP website.

LIAISON WITH THE ASEAN AND WITH ASEAN MEMBER COUNTRIES

ASEAN Secretariat

During the reported period, a very close and very fruitful liaison has been maintained with the ASEAN Secretariat.

The series of events in Vietnam and Cambodia in April 2011 (including the 4th and 5th Cooperation Forums, an Advisory Committee Meeting and a Consortium Meeting), in which two ASEAN Secretariat delegates actively participated (Dr Alexander Lim, Head of the S&T Division and Emir Rio Krishna, Technical Officer at the S&T Division), gave the opportunity to the whole consortium to get updated on and discuss the status and perspectives of ASEAN policies, and to consider the development of further synergies.

Moreover, Dr Alexander Lim and Emir Rio Krishna participated as observers in the 1st SEACOOP review meeting held in Phnom Penh, on April 8, 2011 which can be considered as an expression of a very strong support of the ASEAN secretariat to the SEACOOP consortium.

ASEAN SCMIT

The ASEAN Sub-Committee on Microelectronics and IT (SCMIT) is the ASEAN technical Committee (indeed a sub-Committee of the ASEAN Committee on Science and Technology, COST) in charge of ICT. The fact that many SEACOOP partners are involved in SCMIT and that its Chairman is a SEACOOP partner (the University of Computer Studies, Yangon), explain that close interactions have been developing since a long time between SEACOOP and SCMIT.

In addition, NECTEC, the SEACOOP partner for Thailand, formally presented SEACOOP at the 39th Meeting of SCMIT, organised on February 21-22, 2011 (see Annex 6).

ASEAN member countries

Since all SEACOOP / SEALING Southeast Asian partners are key national stakeholders regarding ICT research and/or policy, they naturally know very well the main programmes, projects and initiatives developed at their national levels and can easily liaise with them to find possible synergies with SEACOOP / SEALING.



EC-ASEAN Cost Meeting

On the occasion of the 61st Meeting of the ASEAN Committee on Science and Technology (COST), held in Siem Reap, Cambodia from May 11 to 13, 2011, the second meeting of the EC-ASEAN meeting on Science and Technology was organized (see Annex 7).

The ASEAN delegation provided information on the new 'Krabi Initiative' for the 'Future of Science, Technology and Innovation for a Competitive, Sustainable and Inclusive ASEAN by 2015 and beyond', which aims to reinforce ASEAN competitiveness through research and innovation. The recent progress in EU-ASEAN cooperation through FP7 was pointed out while new dialogues between the ASEAN sub-committees on interesting cooperation themes were suggested. Finally, the Committee endorsed the initiative for a 2012 ASEAN 'Science Year' proposed by the 'SEA-EU-NET' INCO-NET Project.

The project has worked in close liaison with Christophe Forax (DG Info's Counsellor for ASEAN), who was suggested to report on SEACOOP activities.

ASEAN TELMIN Meeting


The 10th ASEAN Ministerial Meeting on Telecommunications & Information technology (TELMIN) focusing on "ICT: Positioning ASEAN For The Future" took place in Kuala Lumpur, Malaysia on January 10-14, 2011 (see the event agenda in Annex 8 and event proceedings in Annex 9).

One of the SEACOOP partners, NECTEC, has actively participated in the event and accepted to represent the SEACOOP project.



ANNEXES

ANNEX 1: ICT PROPOSER'S DAY AGENDA (19-20 MAY, 2011, BUDAPEST)



PROGRAMME

LEGEND

- Networking session
- Presentation
- Closed meeting on invitation only
- Pre-arranged bilateral meetings

Programme at a glance Hungexpo conference centre - Pavilion G

ec.europa.eu/ictproposersday

Day 1 - Thursday 19 May 2011


FROM	OPEN SPACE/ BOOTHS	ARCHI-MEDES ROOM (A)	BER-NOULLI ROOM (B)	CURIE ROOM (C)	DES-CARTES ROOM (D)	EINSTEIN ROOM (E)	FERMI ROOM (F)	1 st FLOOR	OPEN SPACE/ BOOTHS
13:00 - 14:00	NETWORKING / LUNCH								
14:45 - 16:15	Obj 1.1 Future networks	Obj 2.1 Cognitive systems & robotics	Obj 11.1 Pre-commercial procurement	Obj 6.1 Smart energy grids	FET	FP7 rules & proposal making	Ideal-ist face2face brokerage event	NETWORKING	
16:30 - 18:00	Obj 1.2 Cloud computing	Obj 4.3 Digital preservation	Obj 3.5 Photonics	Obj 6.3 Water resources	FET	FP7 rules & proposal making	Ideal-ist face2face brokerage event	NETWORKING	
16:30 - 18:00	Obj 1.4 Trust-worthy ICT	Obj 4.4 Infor-mation management	Obj 7.2 PPP Factories of the Future	Obj 6.5 PPP EEB	FET	FP7 & CIP ICT NCP meeting	Ideal-ist face2face brokerage event	NETWORKING	
UNTIL 19:00	NETWORKING								
AS OF 19:30	EVENING DINNER AT THE TRAIN HERITAGE MUSEUM								

Day 2 - Friday 20 May 2011

FROM	OPEN SPACE/ BOOTHS	ARCHI-MEDES ROOM (A)	BER-NOULLI ROOM (B)	CURIE ROOM (C)	DES-CARTES ROOM (D)	EINSTEIN ROOM (E)	FERMI ROOM (F)	1 st FLOOR	OPEN SPACE/ BOOTHS
9:00 - 10:30	NETWORKING / WELCOME COFFEE								
9:00 - 10:30	Obj 1.6 FIRE	Obj 8.1 Learning	Obj 7.1 PPP Factories of the Future	Obj 6.7 Mobility	FET	FP7 rules & proposal making	Ideal-ist face2face brokerage event	NETWORKING	
10:45 - 12:15	Obj 1.8+1.9 PPP Future Internet	Obj 8.2 Access to cultural resources	Obj 3.1 Nano-electronics	Obj 6.8 PPP Green Cars	FET	e-Infra structures	Ideal-ist face2face brokerage event	NETWORKING	
12:30 - 14:00	PPP FI: Core platform	Obj 10.3 International cooperation	Obj 3.2 Smart systems	Obj 5.2 VPH	FET	FP7 rules & proposal making	Ideal-ist face2face brokerage event	NETWORKING	
UNTIL 15:00	NETWORKING / LUNCH								

List of research priorities covered

ICT Challenge & Objective	Networking session	ICT call
Challenge 1 - Pervasive and Trusted Network and Service Infrastructure		
Objective 1.1 Future Networks	Day 1 - 13:00	8
Objective 1.2 Cloud Computing, Internet of Services and Advanced Software Engineering	Day 1 - 14:45	8
Objective 1.4 Trustworthy ICT	Day 1 - 16:30	8
Objective 1.6 Future Internet Research and Experimentation (FIRE)	Day 2 - 9:00	8
Objective 1.8+1.9 PPP FI - Phase 2: Use Case scenarios & early trials and Capacity Building and Infrastructure Support	Day 2 - 10:45	FI-2012
PPP FI Core Platform Open call for new partners	Day 2 - 12:30	Open call for new partners
Challenge 2 - Cognitive Systems and Robotics		
Objective 2.1 Cognitive Systems and Robotics	Day 1 - 13:00	9
Challenge 3 - Alternative Paths to Components and Systems		
Objective 3.1 Very advanced nanoelectronic components: design, engineering, technology and manufacturability	Day 2 - 10:45	8
Objective 3.2 Smart components and smart systems integration	Day 2 - 12:30	8
Objective 3.5 Core and disruptive photonic technologies	Day 1 - 14:45	8
Challenge 4 - Technologies for Digital Content and Languages		
Objective 4.3 Digital Preservation	Day 1 - 14:45	9
Objective 4.4 Intelligent Information Management	Day 1 - 16:30	8
Challenge 5 - ICT for Health, Ageing Well, Inclusion and Governance		
Objective 5.2 Virtual Physiological Human	Day 2 - 12:30	9
Challenge 6 - ICT for a Low Carbon Economy		
Objective 6.1 Smart energy grids	Day 1 - 13:00	8
Objective 6.3 ICT for efficient water resources management	Day 1 - 14:45	8
Objective 6.5 PPP EEB: ICT for energy-positive neighbourhoods	Day 1 - 16:30	Eeb-2012
Objective 6.7 Cooperative systems for energy efficient and sustainable mobility	Day 2 - 9:00	8
Objective 6.8 PPP BC: ICT for fully electric vehicles	Day 2 - 10:45	OC-2012
Challenge 7 - ICT for the Enterprise and Manufacturing		
Objective 7.1 PPP FoF: Smart factories: energy-aware, agile manufacturing and customisation	Day 2 - 9:00	FoF-2012
Objective 7.2 PPP FoF: Manufacturing Solutions for new ICT products	Day 1 - 16:30	FoF-2012
Challenge 8 - ICT for Learning and Access to Cultural Resources		
Objective 8.1 Technology-Enhanced Learning	Day 2 - 9:00	8
Objective 8.2 ICT for access to cultural resources	Day 2 - 10:45	9
Future and Emerging Technologies (FET)		
Objective 9.1 FET Open: Challenging current Thinking		FET Open
Objective 9.2 FET Open: High-Tech Research Intensive SMEs in FET research		FET Open
Objective 9.3 FET Open: FET Young Explorers		FET Open
Objective 9.4 FET Open: International cooperation on FET research		FET Open
Objective 9.6 FET Proactive: Unconventional Computation (UCOMP)		8
Objective 9.7 FET Proactive: Dynamics of Multi-Level Complex Systems	Day 1 & Day 2 - detailed schedule is available at the FET networking booths	8
Objective 9.8 FET Proactive: Minimising Energy Consumption of Computing to the Limit (MINECC)		8
Objective 9.9 FET Proactive: Quantum ICT (QICT) including ERA-NET-Plus		9
Objective 9.10 FET Proactive: Fundamentals of Collective Adaptive Systems (FOCAS)		9
Objective 9.11 FET Proactive: Neuro-Bio-Inspired Systems (NBIS)		9
Objective 9.12 Coordinating Communities: Identifying new research topics for FET Proactive initiatives and Fostering Networking of National and Regional Research Programmes		8 & 9
Objective 8.14 Science of Global Systems		8
International Cooperation		
Objective 10.3 International Partnership building and support to dialogues	Day 2 - 12:30	9
Horizontal Actions		



ANNEX 2: IOT ESSENTIALS E-MAGAZINE - CASAGRAS2 NEWSLETTER



A BI-MONTHLY
 GUIDE TO THE
 INTERNET OF THINGS

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 on Things!**
 Paul Chartier



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 Steve Halliday



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 Ian Smith

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24 June 2011

ANNEX 3: READI TECHNICAL OFFER - ALTAIR ASESORES



Altair
asesores

TECHNICAL OFFER

**Technical Assistance to Regional EU-ASEAN
Dialogue Instrument (READI) Facility
EuropeAid/129519/C/SER/MULTI**

In consortium with

Landell Mills
DEVELOPMENT CONSULTANTS

TDI
TDI Group Limited

particip

CEERD
Centre for Energy Environment
Resources Development



1. Rationale

3

2.1 Background

2.1.1 Regional integration initiatives

2.1.1.1 REGIONAL INTEGRATION IN SOUTH-EAST ASIA

ASEAN is an association of 10 nations¹ with a long history and tradition and with the perspective of further expansion in the future². The need for regional integration emerged back in 1967, and the last country which joined the group was Cambodia in 1999, making ASEAN one of the regions with longest presence. The area covered is of 4,464,000 sq/kms and the population inhabiting approximately 592 million people in 2009. Besides these impressive figures showing the size of the region, one of its main characteristics is diversity between member countries. The disparities are evident both at the level of economic development and of achieved reforms in economy, and perhaps an even more substantial gap in non-trade sectors.

ASEAN, being probably the most successful inter-governmental organisation, has laid its foundation in the Bangkok Declaration³, affirming "existence of mutual interests and common problems among countries of South-East Asia"⁴ and already recognizing that "in an increasingly interdependent world"⁵ the best way to reach economic prosperity is through regional integration.

The aims of ASEAN are the achievement of economic growth, social progress and cultural development through regional cooperation, and integration in an atmosphere of peace and stability. One of the main turning points in the process of ASEAN integration was providing the association with a strong legal basis by adopting ASEAN Charter in November 2007 and accelerating the implementation of the ASEAN Community by five years, from 2020 to 2015. From that moment, the association has assumed the commitment at the top level for clearly established priorities and adopted values. Although the Bangkok Declaration announced the establishment of the "machinery" for reaching the objectives of the association, it was only with ASEAN Charter when its institutional framework was codified previously enhancing its functions and commitments. The crucial moment in reaching higher level of integration is providing for legally binding agreement among ASEAN member states.

The ASEAN Community encompasses three pillars, ASEAN Political-Security Community, ASEAN Economic Community and ASEAN Socio-Cultural Community, and each of them has elaborated its own Blueprint. Mentioned documents together with the Initiative for ASEAN Integration (IAI) Strategic Framework and IAI Work Plan Phase II (2009-2015) outline the Roadmap for an ASEAN Community 2009-2015.

Image 1 – ASEAN Countries



¹ Indonesia, Malaysia, Singapore, the Philippines, Thailand, Brunei Darussalam, Viet Nam, Myanmar, Lao PDR and Cambodia.

² Early 2011, East Timor plans to submit a letter of application to the ASEAN Secretariat in Indonesia to be the eleventh member of ASEAN at the summit in Jakarta.

³ The Bangkok Declaration is accessible at the following web link: <http://www.aseansec.org/1212.htm>

3.2.3.2 INFORMATION AND COMMUNICATION TECHNOLOGY

Science and Technology (S&T) cooperation between Europe and Southeast Asia has significantly developed over last years, particularly in the ICT domain, and this is logical, considering the contribution that S&T cooperation can bring to strengthening overall relations and the role that ICT play today in both regions as a key driver of their social and economic development.

This strengthened cooperation on ICT research has benefited from various activities developed through EU-funded projects and programmes:

- three FP6 support actions (GAPFILL, BASIC, and ENGAGE) and two FP7 support action (SEACOOP and SEALING) at the level of DG Information Society and Media (DG Info) have been launched to reinforce cooperation links between research organisations from both regions,
- the TEIN flagship initiative in the area of "e-Infrastructures" (currently in its 3rd phase: TEIN3, see <http://www.tein3.net>), has been launched with the support of the European Commission to provide a dedicated high-capacity network for research and education communities across Asia-Pacific (including Southeast Asia), connecting countries in the region, and providing direct connectivity to Europe GEANT2 network.
- at the level of DG Research, an INCO-NET project, SEA-EU-NET (see <http://www.sea-eu.net>) has been launched in early 2008 to support the overall development of EU-ASEAN S&T dialogues,



If the status of S&T cooperation on ICT between Europe and Southeast Asia can be seen as positive, its perspectives can be seen even more positively, since:

- cooperation with ASEAN is specifically mentioned in the new "Strategic framework for international S&T cooperation" detailed in the COM(2008)-588 "Communication from the Commission to the Council and the European Parliament" (dated Sept. 24, 2008),
- the EU and ASEAN have initiated in 2008 an "Information Society dialogue", through which the way to further strengthen S&T cooperation on ICT is being periodically assessed and supported at a high political level,
- the European Commission has decided that a permanent "Counsellor, Information Society and Media" should be based in Southeast Asia, a decision (effective by the end of 2009) clearly indicating how important cooperation on ICT research with Southeast Asia is seen by the EU, knowing that, at the moment, only 2 such Counsellors exist: one in China and one in Brazil.

Time has come indeed for the EU and ASEAN to enter a new phase of strategic partnership of mutual interest, both at the bilateral and multilateral levels.


1.1 Workshops and trainings and assistance to the regulatory activity on Spectrum management – technical challenges and regulatory approach in the context of the digital dividend							
Location	Jakarta and ASEAN member states						
Duration	5 months						
Experts	TL	KE2	KE3	KE4	KE5	ST Sr.	ST Jr.
Work. Days	8	75	0	0	0	50	20
Outputs/ specific results	<ul style="list-style-type: none"> • Development of a strategy and plan of action for the implementation of priority areas identified by the ASEAN ICT Master plan. • Support to the establishment of an internal ICT market in ASEAN region. • Support to the development of a monitoring and evaluation system for the implementation of the strategy. • Support ASEAN in the development of a transparent and coherent / harmonised ICT regulatory 						

	<p>framework, in particular on spectrum management.</p> <ul style="list-style-type: none"> Support to the definition of more results and achievement of these new results during the project implementation on the basis of the ASEAN action plan.
Actions	<ul style="list-style-type: none"> Action 1.1.1 Training needs assessment Action 1.1.2 Workshops on regulatory best practices Action 1.1.3 Formulation of the basis of a regional scheme for frequency management across AMS to better reaping the benefits of digital dividend.
Description of Activities/ Methodology	<p>A very large amount of spectrum is freed up by the switchover from analogue to digital terrestrial TV. A fair and well-balanced reallocation of this "Digital Dividend" between the mobile broadband, broadcasting and ICT industries has to be ensured, in order that social and economic impacts can be the highest. Europe has been facing this challenge for a long time now and the ASEAN ICT Master Plan has logically identified efficient spectrum management as one of the key drivers. The potential for cooperation on this theme is therefore important and the below detailed activities have been designed in order to fully explore it.</p> <p>The implementation of this activity will aim at the facilitation and promotion of the exchange of experiences encouraging the discussion between EU and ASEAN Senior Officials in ICT. It will support the dialogue on the best regulatory practices. The content of these discussions and exchange of experience and information will help the establishment of an ICT internal market in the ASEAN region.</p> <p>More in particular the following actions will be implemented:</p> <ul style="list-style-type: none"> Action 1.1.1 Training needs assessment Action 1.1.2 Workshops on regulatory best practices Action 1.1.3 Formulation of the basis of a regional scheme for frequency management across AMS to better reaping the benefits of digital dividend. <p>The Consortium will implement all the necessary preparation activities to allow the successful implementation of these actions; in particular:</p> <ul style="list-style-type: none"> Identification of the specific institutions and EU and ASEAN Senior Officials in ICT policies to be involved in the workshop and training sessions. Training needs assessment Dissemination of the preliminary information on the contents and the goals of the workshops and the training session Identification of the Technical Experts (especially for the training sessions) with specific experience on the field of spectrum management and experience in training preparation and implementation. Dissemination of the results of the workshops and the training session finalized to effectively contribute to the implementation of the ASEAN ICT master plan. <p>In order to ensure an active and intense participation to these events, the Consortium will pay special attention to the</p> <ul style="list-style-type: none"> Logistic Coordination (timely preparation of each preliminary steps such as identification and invitation of the participants, targeted dissemination of information etc.). Media Coverage <p>The media will be encouraged to attend and report on the efforts to render more public the discussion activities on the benefit of the harmonization of the internal market.</p>

1.2. Workshops and technical assistance on opportunities and challenges related to broadband deployment							
Location	Yakarta and ASEAN member states						
Duration	5 months						
Experts	TL	KE2	KE3	KE4	KE5	ST Sr.	ST Jr.
Work. Days	9	20	0	0	0	30	10
Outputs / specific results	<ul style="list-style-type: none"> Development of a strategy and plan of action for the implementation of priority areas identified by the ASEAN ICT Master plan. The opportunities and challenges related to broadband deployment are clearly identified The results and conclusion of the discussions on opportunities and challenges related to broadband deployment are disseminated in order to facilitate the formulation of an appropriate regional policy and harmonization on this specific issue. Support to the development of a monitoring and evaluation system for the implementation of the strategy concerning also the broadband deployment. 						
Actions	<ul style="list-style-type: none"> Action 1.2.1: workshops to promote broadband rollout and take-up with special attention to inclusion / digital divide (wireless broadband, e-services such as e-government and e-commerce). Action 1.2.2: workshops and trainings on how to create and promote trust and confidence of consumers (network and information security). Action 1.2.3: workshop and trainings to exchange information and experiences on how to promote production and distribution of creative content. 						
Description of Activities/ Methodology	<p>The availability of broadband networks affordable to companies and the public at large is today a condition for a quick development of a wide range of applications, and thus for a full contribution of ICT to economic and social development of any countries. The EU has thus logically given a high priority to broadband deployment and is one of the regions of the world offering the largest broadband coverage: the "Digital Agenda for Europe" - one of the flagship initiatives of the "Europe 2020" strategy - includes for instance a "key performance indicator" stating that basic broadband coverage for all (100%) should be reached by 2013. Similarly, broadband deployment is logically seen as a priority in the ASEAN ICT Master Plan 2015, the objective being in particular to bridge the gap between countries where broadband coverage is already high (Singapore) and others where it is still in an initial phase (Lao, Cambodia, Myanmar). The potential for cooperation on this theme is therefore important and the below detailed activities have been designed in order to fully explore it.</p> <p><u>Action 1.2.1. Workshops and trainings to promote broadband rollout and take-up with special attention to inclusion / digital divide (wireless broadband, e-services such as e-government and e-commerce).</u></p> <p>The workshops will aim to allow exchange of experiences encouraging the discussion between EU and ASEAN Senior Officials in ICT. It will support the dialogue on the best regulatory practices and the tools to promote broadband rollout and take-up.</p> <p>Trainings will focus on the technical aspects of broadband rollout and take-up and in particular wireless broadband, e-services such as e-government and e-commerce</p> <p>More in particular the following actions will be implemented:</p> <ul style="list-style-type: none"> A series of workshops on broadband rollout and take-up training needs assessment and training implementation on broadband rollout and take-up training sessions on regulatory best practices to define and promote a set of technical and regulatory recommendations on broadband rollout and take-up On the basis of the workshop, definition and dissemination of a series of recommendation and political indication to promote broadband rollout and take-up (wireless broadband, e-services such as e-government and e-commerce) <p><u>Action 1.2.2: workshops and trainings on how to create and promote trust and confidence of consumers (network and information security).</u></p>						

Altair Europa/Asia/US/IC/SE/EM/MULTI - Technical Assistance to READI Policy
 Multi-Partner Cooperation with ASEAN - Road to Multi-Regional and Trans-

	<p>aspects of the telecom sector between EU and ASEAN Senior Officials.</p> <ul style="list-style-type: none"> Action 1.3.2: implementation of a study on the way to improve the regulatory framework for the telecom sector.
<p>Description of Activities/ Methodology</p>	<p>Within a given country and, beyond, within an integrated area, the existence of a well-balanced regulatory framework, allowing a sound competition between telecom operators and preserving at the same time the interests of companies and citizens using telecoms services, has become a major challenge in all countries having seen, in the last 20 to 30 years a deregulation of their telecom markets. The European Union has faced this challenge since a long time now and reached significant achievements, namely through the efforts of <u>European Commission's DG Information Society and Media</u>. At a time when the ASEAN countries are making further steps in their integration process and when they are determined to take full advantage of ICT, setting up an efficient regulatory framework for their telecom sector is a key issue. The potential for cooperation on this theme is therefore important and the below detailed activities have been designed in order to fully explore it.</p> <p><u>Action 1.3.1. workshops to promote exchanges of experiences and best practices on regulatory aspects of the telecom sector between EU and ASEAN Senior Officials</u></p> <p>The workshops will aim to allow exchange of experiences encouraging the discussion between EU and ASEAN Senior Officials responsible for Telecom competition. It will support the dialogue on the best regulatory practices and experience in the telecom sector.</p> <p>More in particular the following actions will be implemented:</p> <ul style="list-style-type: none"> A series of workshops On the basis of the workshop, definition and dissemination of a series of recommendation to harmonize the regulatory aspects in the telecom sector. The Consortium will implement all the necessary preparation activities to allow the successful implementation of these actions; in particular: <ul style="list-style-type: none"> Identification of the specific institutions and EU and ASEAN Senior Officials in telecom policies to be involved in the workshops. Dissemination of the preliminary information on the contents and the goals of the workshops. Dissemination of the results of the workshops finalized to effectively contribute to the implementation of the ASEAN ICT master plan. <p>In order to ensure an active and intense participation to these events, the Consortium will pay special attention to the</p> <ul style="list-style-type: none"> <u>Logistic Coordination</u> (timing preparation of each preliminary step such as identification and invitation of the participants to the workshops, targeted dissemination of information etc.). <u>Media Coverage</u> The media will be encouraged to attend and report on the efforts to render more public the discussion activities on the benefit of the harmonization of the internal market. <p><u>Action 1.3.2: implementation of a study on the way to improve the regulatory framework for the telecom sector.</u></p> <p>In order to produce a complete and deep study on the regulatory framework the following steps will be implemented:</p> <p><u>Screening and scoping and Impact assessment:</u> The screening process involves identifying specifically regulatory issues that should be taken into consideration. Specific attention will be devoted to the impact that the introduction or harmonization of the regulatory framework will produce (economic, social or environmental impacts). The scoping involves the selection and data collection of impact indicators</p>

	<p><u>In-depth analysis:</u> based on the scope of analysis in-depth analysis will be undertaken. This will include:</p> <ul style="list-style-type: none">▪ Qualitative and quantitative analysis tools to be used to assess the current situation of the regulatory framework▪ Economic modelling (software, data availability, etc) / Scenario building▪ Actual impact analysis regulatory framework introduction
	<p><u>Consultation</u> In addition to active participation and communication between EU and ASEAN Senior Officials in ICT, Academic and Research Organisations, and Business Membership Organisations and other stakeholders will be consulted for the implementation of the study.</p>

ANNEX 4: SEACOOP REQUEST FOR READI SUPPORT

**DEVELOPMENT OF A PROJECT AND RESEARCH INCUBATOR
AND OF A VIRTUAL RESEARCH COMMUNITY
TO SUPPORT THE STRENGTHENING OF S&T COOPERATION IN ICT
BETWEEN SOUTHEAST ASIA AND EUROPE**

PROJECT OUTLINE

SEACOOP request for READI support

*On behalf the SEACOOP partnership
Contact: Camille Torrenti
SEACOOP project coordinator
camille.torrenti@eurosoutheastasia-ict.org*

April 2011

CONTEXT

In the joint declaration of the last EU-ASEAN meeting of May 2010, the EU and ASEAN have agreed to move towards greater cooperation on a bi-regional and global level, "widening a relation that already has a great history".

The SEACOOP initiative (<http://www.seacoop.eu>), funded by the European Commission's DG Information Society and Media and endorsed by the ASEAN Secretariat, has been keen for supporting, since 2004, this strengthened relation, through the promotion of, and support to the development of S&T cooperation in ICT. One of the key outputs of SEACOOP activities over the period 2010-2011 is the identification of cooperation priorities in ICT research between the two regions.

Building on their present assets and achievements, the SEACOOP members are ready to contribute to bringing EU-ASEAN cooperation to its next level, particularly through the development of a "Project and research incubator" and of a "Virtual research community" supporting the strengthening of S&T cooperation in ICT between Southeast Asia and Europe, and contributing to the emergence of strategic cooperation projects.

VISION

The overall vision is to propose any European and Southeast Asian organizations interested in the development of joint research projects in ICT to become member of a "Virtual research community" and benefit, through a "Project and research incubator", from free of charge services supporting the development of concrete projects.

In this way, this open initiative, set to expand under the aegis of the European Commission and of the ASEAN Secretariat, should provide all the basic elements S&T cooperation needs to develop: strong connection between interested organizations, access to substantial information and sharing of experience, close liaison with Authorities from both regions.

STATUS OF DEVELOPMENT

In the framework of the SEACOOP project, this initiative has started to be implemented since the end of 2010.

Concerning the "Virtual research community" the connection between various existing closed or open communities has started to be promoted in the form of an open "Euro-Southeast Asia cooperation on ICT research" LinkedIn group. This move has been quite successful since in only some months, this community has extended from 50 to around 170 members.

In parallel the creation of a "Project and research incubator" at the service of this community was announced. At its start, the incubator has been placed under the responsibility of one of the SEACOOP partners (I²R in

Singapore) through which the "Virtual research community" has been suggested in particular to contribute to the development of promising cooperation projects.

PLANNED ACTIVITIES FOR 2012-2013

The current EU-funded phase of the SEACOOP initiative will end in December 2011. The SEACOOP partnership will continue developing the "Virtual research community" and the "Project and research incubator" until the end of 2011 thanks to this funding and is requesting READI funding to maintain these efforts over the period 2012-2013.

Over this period the activities will consist in the further development:

- of the "Virtual research community", promoting its existence in Europe and in Southeast Asia, striving to convince all key stakeholders in ICT research from both regions to be part of it, and ensuring a very lively animation of this community so that it can be a truly active one,
- of the concept of "Project and research incubator" with the planned involvement of several SEACOOP partners and external stakeholders, being responsible of the provision of support services through "sub-incubator" (each "sub-incubator" would focus on specific themes of cooperation and would serve specialized groups of the Virtual research community).

These activities are expected to contribute to capacity-building objectives and to the emergence of a high number of strategic cooperation projects between the two regions.

REQUESTED FUNDING

A budget in the range of 200 to 250 k€ has been estimated for the period 2012-2013 and would mainly allow to contribute to travel and subsistence expenses of the SEACOOP partners and of other invited organizations, in order to attend periodic project meetings.

FURTHER STEPS

The SEACOOP partnership would be happy to quickly present a detailed project proposal, should READI positively consider this project outline.



ANNEX 5: AGENDA OF DG RESEARCH WORKSHOP OF JUNE 16-17, 2011



**INTERNATIONAL COOPERATION PROJECTS
IN SUPPORT TO
RESEARCH AND INNOVATION POLICIES
AND COMPETENCE BUILDING**

*Good practices, lessons learned and
synergies with other programmes*

Brussels, 16-17 June 2011

WORKSHOP PROGRAMME





Thursday 16 June 2011, 14h00 – 14h45

PLENARY SESSION
(AUDITORIUM – MADOU BUILDING, GROUND FLOOR)

Welcome and opening remarks

Mrs. A. Pauli, Deputy Director General, DG Research and Innovation, European Commission

Commission services: DG DEVCO, EEAS, JRC

Keynote presentations

- **14h45 – 15h00: coffee break (Auditorium, external side)**





Thursday 16 June 2011, 15h00 – 17h30

PARALLEL SESSION 1: THE MEDITERRANEAN REGION
(ROOMS 9 AND 10 – MADOU BUILDING, FLOOR 2)

Moderator: Prof. Dr. Hamid El Zoheiry, Cairo University, Egypt
Rapporteur: Dr. J.A. Sagardoy, Mediterranean Agronomic Institute of Bari, Italy
Programme officer: Ms. Aurélie Pancera, DG Research and Innovation, D3

15h00 – 16h30: Introduction and presentations

- **The Mediterranean Innovation and Research Coordination Action and its links with development cooperation (MIRA INCO-NET).** R. Rodriguez, Spanish National Research Council (CSIC), Spain.
- **Coordination of the Agriculture Research in the Mediterranean Area (the ARIM-NET Project).** Florence Jacquet, Institut National de la Recherche Agronomique (INRA), France.
- **Climate Change impacts on water and security (the "CLIWASEC" cluster of the Mediterranean region).** Ralf LUDWIG, Ludwig Maximilian University (LMU), Germany.
- **Shared Environment Information System and European Neighbourhood Policy Instruments: The Horizon 2020 Initiative (SEIS/ENPI).** Galina H. Georgieva, European Environmental Agency, Denmark.
- **Fostering innovation in the Mediterranean (IT1 Program).** Philippe Guinet, European Investment Bank (EIB), Luxembourg.

Coffee break

16h30 – 17h30: discussion and session conclusions & recommendations

Thursday 16 June 2011, 17h30 – 18h30

COCKTAIL

(AUDITORIUM – MADOU BUILDING, GROUND FLOOR)





Thursday 16 June 2011, 15h00 – 17h30

PARALLEL SESSION 2: SOUTH-EAST ASIA
(AUDITORIUM – MADOU BUILDING, GROUND FLOOR)

Moderator: Dr. G.Heinrichs, International Bureau of the German Federal Ministry of Education and Research

Rapporteur: Dr. Usa Kullaprawithaya, Science Counsellor, Thai Embassy (invited)

Programme officer: *Mr. Jürgen Sanders, DG Research and Innovation, D3*

15h00 – 16h30: Introduction and presentations

- **Coordination between different instruments for regional cooperation in South-East Asia: The SEA-EU-NET (INCO-NET) experience of good practice with South-East Asia.** *Mr. Christoph Elineau, International Bureau of the German Federal Ministry of Education and Research, German Aerospace Center (DLR), Germany.*
- **Mapping S&T collaboration as an input to the implementation of S&T activities by different instruments.** *Mr. A.Degelsegger, Centre for Social Innovation (ZSI), Austria.*
- **The international cooperation context of the Asian ASEM-AQUACULTURE Project.** *Patrick Sorgeloos and Jean Dhont, Laboratory of Aquaculture & Artemia Reference Center, Ghent University, Belgium.*
- **The EU-ASEAN Sectoral READI Facility.** *Karine Genty, European Commission Development and Cooperation (EuropeAid) Directorate General, Belgium.*
- **An innovative approach to regional collaboration with S.E. Asia: the SECAS SEACOOP and SEALING projects of the European Commissions Information Society Directorate General.** *Mr. Roger Torrenti, Sigma Orionis, France.*

Coffee break

16h30 – 17h30: discussion and session conclusions & recommendations

Thursday 16 June 2011, 17h30 – 18h30

COCKTAIL

(AUDITORIUM – MADOU BUILDING, GROUND FLOOR)





Friday 17 June 2011, 09h30 – 12h00

PARALLEL SESSION 1: LATIN AMERICA AND THE CARIBBEAN
(ROOMS 9 AND 10 – MADOU BUILDING, FLOOR 2)

Moderator: Prof. Dr. Lena Tsipouri, University of Athens, Greece

Rapporteur: Dr. Andrea Ricci, Institute of Studies for the Integration of Systems, Italy

Programme officer: Mr. Paul Vossen, DG Research and Innovation, D3

09h30 – 11h00: Introduction and presentations

- **International S&T Cooperation in Central America and for the Caribbean region (the EUCARINET and ENLACE INCO-NETs).** Mrs Diassina Di Maggio, Director, Agenzia per la promozione della Ricerca Europea (APRE), Italy.
- **Results and good practices of the Global-Bio-Pact project with a specific focus on Latin America and the Caribbean.** Rainer Janssen and Dominik Rutz, WIP-Renewable Energies, Biomass Department (WIP), Germany.
- **The Africa Caribbean Pacific (ACP) – European Union (EU) Cooperation Programme in Higher Education (EDULINK).** John Kakule, ACP secretariat and EDULINK PMU, Belgium.
- **International synergies and complementarities of the Climate change regional cooperation programme (EUROCLIMA) and the Latin American network of knowledge centers in the water sector (RALCEA).** Alan Belward, European Commission, Joint Research Centre, Italy.
- **"Better Training for Safer Food in Latin America".** Franck Boccas, Application Européenne et Technologies et de Services (AETS-Europe), France.

Coffee break (Rooms 9 and 10, external side)

11h00 – 12h00: discussion and session conclusions & recommendations





Friday 17 June 2011, 09h30 – 12h00

PARALLEL SESSION 2: SUB-SAHARA AFRICA
(AUDITORIUM – MADOU BUILDING, GROUND FLOOR)

Moderator: Dr. David Radcliffe, European Commission Development and Cooperation (EuropeAid) Directorate General, Belgium

Rapporteur: Dr. D. Du Toit, South African Representation to the EU, Belgium

Programme officer: Mr. Gerasimos Apostolatos, DG Research and Innovation, D3

09h30 – 11h00: Introduction and presentations

- **The CAAST Network for the Coordination and Advancement of Sub-Saharan Africa-EU Science & Technology Cooperation.** *A.Cherry, Association of Commonwealth Universities, United Kingdom.*
- **International cooperation experience of the African Health Specific International Cooperation Activity.** *Ole Olesen, European Commission Research and Innovation Directorate General, Belgium.*
- **The European and Developing Countries Clinical Trials Partnership (EDCTP).** *Dr. Charles S. Mgone, EDCTP Executive Director, the Netherlands.*
- **The Africa-Europe Platform for Agricultural R&D (PAEPARD II).** *Mr. Paolo Sarfati, AGRINATURA-EEIG, France.*
- **The ACP Observatory for Sustainable Development: a contribution to the EU-AU Strategic Partnership.** *Mrs. Anne-Mette Jensen, European Commission, Joint Research Centre, Belgium.*
- **The international cooperation experiences of the ACP-EU Energy Facility in the setting up of Micro Hydro Power stations for off-grid energy supply to rural communities in Malawi, Zimbabwe and Mozambique.** *Mr. Lasten Mika, Practical Action Southern Africa, Zimbabwe (to be confirmed).*

Coffee break (Rooms 9 and 10, external side)

11h00 – 12h00: discussion and session conclusions & recommendations





Friday 17 June 2011, 12h00 – 13h00
SYNTHESIS MEETING FOR THE RAPORTEURS AND MODERATORS
(ROOMS 9 AND 10 – MADOU BUILDING, FLOOR 2)

Friday 17 June 2011, 14h00 – 16h30
PLENARY SESSION
(AUDITORIUM – MADOU BUILDING, GROUND FLOOR)

Reports on the 4 regional parallel sessions by the rapporteurs

Mr. R. Strohmeier, Deputy Director General, DG Research and Innovation, European Commission

Round table: *Comparison of the lessons learned from the different regions*

Conclusions

16h30 End of the Workshop



ANNEX 6: AGENDA OF ASEAN SCMIT MEETING

Agenda

**THE 39TH OF MEETING OF THE SUB-COMMITTEE ON
MICROELECTRONICS AND INFORMATION TECHNOLOGY (SCMIT)
21-22 February 2011
Bangkok, Thailand**

1. Welcome Remarks by Chairperson of SCMIT
2. Election of Vice Chairman
3. Adoption of Agenda
4. Business Arrangements (Lao PDR)
5. Highlights of 17th ASEAN Summit Meeting and Other related Meetings (ASEC)
6. Matters Arising from COST-60 Meeting (ASEC)
7. Status of the ASEAN Science Fund (ASF) (ASEC)
8. Status of SCMIT Projects (ASEC)
9. Review of Completed, On-Going and Pending Projects/Initiatives

Completed projects

- 9.1 ICT-based Real Time Monitoring and Management IT System for Dam Safety (Thailand)

On-going projects

- 9.2 Establishment of ASEAN-India S&T Digital Library (ASEC)
- 9.3 SEACOOP Project (SEALING) (ASEC/Member States)
- 9.4 Development of a Roadmap of COST's Flagship Programme on Open Source Software (Indonesia)

Pending project

- 9.5 ASEAN-ROK Training on Integrated Circuits (IC) Design (Thailand)

New projects

- 9.6 The Establishment of Asian Open Source Software Resource Centre (Thailand)
- 9.7 Network-based ASEAN Language Translation Public Service (Thailand)
- 9.8 Conference on Assistive & Rehabilitative Technologies (Thailand)

10. Other Matters
11. Date and Venue of the Next Meeting
12. Consideration and Adoption of the Report

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Direct Agenda for SCMIT 39 Meeting, Bangkok, Thailand, 21-22 February 2011 Page 1 of 1

ANNEX 7: AGENDA OF ASEAN-EC MEETING ON SCIENCE AND TECHNOLOGY

**The 2nd ASEAN-EC Dialogue Meeting on Science and Technology
 Siem Reap, Cambodia
 12 May 2011**

Tentative Agenda

No.	Agenda
1	Opening Remarks by ASEAN and EC Co-Chairs <i>The COST Chair and Head of the EC Delegation shall deliver the Opening Remarks</i>
2	Adoption of the Agenda <i>The Meeting may wish to review the Tentative Agenda and adopt it.</i>
3	Briefing on Recent S&T Policy Developments <i>ASEAN Speaker:</i> <i>ASEAN shall brief the Meeting on the ASEAN Socio-Cultural Community (ASSC) Blueprint. The Blueprint serves as a roadmap for the ASSC-building process. It contains Action Lines which guide the ASEAN S&T cooperation up to 2015.</i> <i>The EC shall also brief the Meeting on the recent developments on its S&T Policy which has a bearing on the ASEAN-EC cooperation in S&T.</i>
4	Priority Areas of ASEAN-EC Cooperation <i>The Terms of Reference of the ASEAN COST – EC Dialogue on S&T serve as a perennial platform for strengthening the bi-regional dialogue, in particular reinforce the policy dialogue highlighting fields of cooperation and instruments to put in place in the field of research cooperation. The Meeting shall therefore wish to take stock of current cooperation under the priority areas previously identified and to identify possible additional areas to be considered. Input from the SEA-EU-NET /SEACOOOP projects will be taken into account as appropriate.</i>
5	Updates of the Progress of the ASEAN-EU Projects under FP7 6.1. SEA-EU-Net Project 6.2. SEACOOOP Project <i>The coordinators of the two projects shall brief the Meeting on the progress of the projects, and provide key inputs to strengthen the current and future ASEAN-EC dialogues.</i>
6	Update on the Progress of the ASEAN READI Action Plan <i>The EC shall brief the Meeting on the progress of the ASEAN-READI Action Plan. The Meeting may wish to identify specific activities which could be implemented in the next two years with support from READI.</i>
7	Date and Venue of Next Meeting <i>The Meeting may wish to decide the date and venue of next ASEAN-EC Meeting</i>

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ANNEX 8: AGENDA OF TELMIN-10 MEETING



**THE 11th ASEAN TELECOMMUNICATIONS & INFORMATION TECHNOLOGY
 SENIOR OFFICIALS MEETING (TELSOM)**

AND

**THE 10th ASEAN TELECOMMUNICATIONS & INFORMATION TECHNOLOGY
 MINISTERS MEETING (TELMIN)**

AND

RELATED MEETINGS WITH DIALOGUE PARTNERS

10 -14 January 2011, Kuala Lumpur, Malaysia

"ICT: Positioning ASEAN For The Future"

PROPOSED PROGRAM

		ACTIVITY		
10 Jan 2011 (Mon)	0800 - 0900	Registration for JWG		Foyer of Taming Sari Ballroom
	0900 - 1100	JWG Session	ASEAN	Taming Sari 3
	1100 - 1115	Refreshment	All	Foyer
	1115 - 1200	JWG Session	ASEAN	Taming Sari 3
	1200 - 1400	Lunch / TELSOM Leaders' Working Lunch	TELSOM Leaders, AICTC and ASEC	Warisan Cafe
	1330 - 1400	Registration for TELSOM		Foyer
	1400 - 1515	TELSOM Session	ASEAN	Taming Sari 3
	1515 - 1545	Refreshment Photo Session		Foyer
	1545 - 1700	TELSOM Session	ASEAN	Taming Sari 3

		ACTIVITY	ATTENDING DELEGATES	VENUE
11 Jan 2011 (Tues)	0800 - 0930	AICTC Governing Council Meeting	TELSOM Leaders + 1 AICTC and ASEC	Tun Sri Lanang 2
	0945 - 1100	TELSOM Session	ASEAN	Taming Sari 3
	1100 - 1115	Refreshment	All	Foyer
	1115 - 1230	TELSOM Session	ASEAN	Taming Sari 3
	1230 - 1345	Lunch	All	Warisan Cafe
	1400 - 1500	TELSOM Session	ASEAN	Taming Sari 3
	1500 - 1515	Refreshment	All	Foyer
	1515 - 1600	TELSOM + EU Meeting	ASEAN and EU	Taming Sari 3
	1615 - 1700	TELSOM Chairman & ITU	TELSOM Chair, Vice Chair, AICTC, ASEC; and other interested ASEAN members	Taming Sari 3
	1930 - 2200	Welcome Dinner	All	Kuala Lumpur Tower
12 Jan 2011 (Wed)	0900 - 0945	TELSOM + China Meeting	ASFAN and China	Taming Sari 3
	1000 - 1045	TELSOM + Japan Meeting	ASEAN and Japan	Taming Sari 3
	1045 - 1100	Refreshment	All	Foyer
	1100 - 1145	TELSOM + ROK Meeting	ASEAN and ROK	Taming Sari 3
	1200 - 1330	Lunch	All	Warisan Cafe
	1330 - 1500	TELSOM Session	ASEAN	Taming Sari 3
	1500 - 1515	Refreshment	All	Foyer
	1515 - 1630	TELSOM Session	ASEAN	Taming Sari 3
13 Jan 2011 (Thurs)	0800 - 0900	Working Breakfast for TELMIN + 1, ASEC & AICTC	TELMIN Leaders + 1 (TELSOM Leaders), AICTC Director and ASEC HOD	The Royale Club Lounge
		Registration for TELMIN		Foyer of Taming Sari Ballroom
	0900 - 0915	TELMIN Leaders Courtesy Call with The Honourable Dato' Sri Mohd Najib bin Tun Abdul Razak, Prime Minister of Malaysia	ASEAN and Dialogue Partners TELMIN Leaders only	Tun Sri Lanang 1

	TIME	ACTIVITY	ATTENDING DELEGATES	VENUE
	0915 - 1000	TELMIN Opening Ceremony by The Honourable Prime Minister of Malaysia	All delegates and guests	Taming Sari 1 & 2
	1000 - 1045	Refreshment	All delegates and guests	Foyer
			TELMIN Leaders	Tun Sri Lanang 2
	1045 - 1200	TELMIN Session	ASEAN	Taming Sari 3
	1200 - 1330	Lunch	All	(TBC)
	1330 - 1530	TELMIN Session	ASEAN	Taming Sari 3
	1530 - 1545	Refreshment	All	Foyer
	1545 - 1700	TELMIN Session	ASEAN	Taming Sari 3
	1930 - 2200	10th ASEAN TELMIN Gala Dinner	ASEAN and Dialogues Partners	KLCC Convention Centre
14 Jan 2011 (Fri)	0900 - 0945	TELMIN + China	ASEAN and China	Taming Sari 3
	1000 - 1045	TELMIN + Japan	ASEAN and Japan	Taming Sari 3
	1045 - 1100	Refreshment	All	Taming Sari 3
	1100 - 1145	TELMIN + ROK	ASEAN and ROK	Taming Sari 3
	1200 - 1430	Lunch & Friday Prayers	All	(TBC)
	1430 - 1530	TELMIN Closing Session	ASEAN	Taming Sari 3
	1530 - 1630	Refreshment	All	Foyer
	1630 - 1700	Launch of the ASEAN ICT Masterplan 2015 (and Press Conference)	All delegates (ASEAN and Dialogues Partners)	Taming Sari 1 & 2
15 Jan 2011 (Sat)	0800 -1200	City Tour (Light & Easy)	ASEAN and Dialogues Partners	
		Departure of TELMIN/TELSOM Delegates		

ANNEX 9: PROCEEDINGS OF 10TH ASEAN TELMIN, JANUARY 12-14, 2011, KUALA LAMPUR, MALAYSIA

**Joint Media Statement of the Tenth ASEAN Telecommunications and Information Technology Ministers Meeting (10th TELMIN) and Its Related Meetings with Dialogue Partners
Kuala Lumpur, 13-14 January 2011**

1. The Tenth ASEAN Telecommunications and Information Technology Ministers Meeting (10th TELMIN) was held on 13-14 January 2011 in Kuala Lumpur, Malaysia. The Meeting was preceded by the Eleventh ASEAN Telecommunications and Information Technology Senior Officials Meeting (11th TELSOM). The ASEAN Telecommunications and IT Ministers also had joint meetings with their counterparts from China, Japan, and Republic of Korea, respectively, on 13 - 14 January 2011.

2. H.E. Dr. Rais Yatim, Minister of Information, Communications and Culture of Malaysia, chaired the 10th TELMIN. H.E. Mr. Thein Tun, Deputy Minister for Communications, Posts and Telegraphs of the Union of Myanmar was the vice-chairperson.

OPENING CEREMONY

3. H.E. Dr. Rais Yatim welcomed all Ministers and their respective delegations to the 10th TELMIN and its related meetings with Dialogue Partners. Dr. Rais mentioned that this Meeting holds much significance to Malaysia as it was here in 2001 and today Malaysia again welcomes all delegates to Kuala Lumpur to celebrate the first decade of ICT cooperation in ASEAN. In his Welcome Remarks, Dr. Rais identified the achievements of ASEAN in ICT cooperation and stressed that while ASEAN has actively worked together and reached a sufficiently high level to meet the challenges and the needs of ASEAN integration, it is time to chart the next step to ensure ASEAN ICT sector is poised to move toward the ASEAN Community by 2015.

4. Dr. Rais Yatim also said that specific and focused initiatives in Malaysia have allowed those with lesser means to access the digital world regardless of whether they are in cities or rural areas through Malaysia's High Speed Broadband (HSBB) Initiative for the cities and key economic areas, and Broadband for General Population (BBGP) for other areas. The setting of PC ownerships through the 1Malaysia Netbook Scheme have resulted in a rapid increase in Broadband Penetration. Through these initiatives, Malaysia is able to ensure that rural and urban populations both enjoy the benefits that broadband bring. Dr Rais also thanked TELMIN for the support it has shown to Malaysia during its tenure as Director of the ASEAN ICT Centre.

5. H.E. Khamlouat Sidlakone, Minister and Chairman of the National Authority of Posts and Telecommunications of Lao PDR, in the role of the 9th TELMIN Chairman, expressed his appreciation and thanks to H.E. Dato' Sri Mohd. Najib Tun Abdul Razak, Prime Minister of Malaysia, H.E. Dr. Rais Yatim, Minister of Information, Communications and Culture of Malaysia, the Government and people of Malaysia for their warm welcome and hospitality accorded to all delegates to the 10th TELMIN. He pointed out several important discussion points of the 10th TELMIN and was confident that the Meeting will be successful and greatly contributing to the regional cooperation towards achieving the ASEAN Single Community in 2015.

6. H.E. Dato' Sri Mohd. Najib Tun Abdul Razak, the Honourable Prime Minister of Malaysia delivered a Keynote Address and officiated the 10th TELMIN and its related Meetings with Dialogue Partners.

7. In his Keynote Address, Prime Minister Dato' Sri Mohd Najib emphasised the importance of telecommunications and ICT as the primary enabler for economic development and growth and as an instrument to connect ASEAN to the mainstream of global development. Malaysia has experienced an unprecedented development of the ICT sector thanks to a number of major changes to the ICT landscape, policy reforms and liberalisation of services for telecommunications and broadcasting sectors. To move steadily to the future, the Prime Minister emphasised the need to address the new challenges brought about advancement in ICT, such as cyber-threats, ethics of Internet use in order to preserve ASEAN cultural roots and value in the information society so that all citizens and our children can be benefited from the Internet.

8. Prime Minister Dato' Sri Mohd Najib felt that it is most timely and appropriate for

TELMIN this year to choose the theme "ICT: Positioning ASEAN for the Future" as it complements the important role of the region on the road of achieving an ASEAN Community by 2015. In this connection, the Prime Minister welcomed the initiative of TELMIN to consider and adopt the ASEAN ICT Masterplan 2015 with the vision "Towards an Empowering and Transformational ICT: Creating an Inclusive, Vibrant and Integrated ASEAN". He also highlighted that there is much to be further discussed and shared especially on strengthening the network of friends based on camaraderie to facilitate future cooperation. He wished all delegates a fruitful and beneficial meeting and an enjoyable stay in Malaysia.

A DECADE OF SUCCESSFUL COOPERATION

9. This Ministerial Meeting marked a critical milestone on the road of ASEAN cooperation in ICT. The Ministers reviewed the first decade of ASEAN's journey in ICT cooperation and were pleased with the successful outcomes and extraordinary progress made.

10. Guided by the e-ASEAN Framework Agreement signed by the ASEAN Leaders in 2000, the first TELMIN on 13 July 2001 has called for harnessing ICT to foster closer regional economic integration, enhance overall competitiveness and to develop an ASEAN Information Society. Since then, a number of high level policy documents have been adopted and measures are being implemented to follow, amongst others, the e-ASEAN Integration Roadmap, the Ministerial Declarations and the ICT pillar in the ASEAN Economic Community (AEC) Blueprint, to realise the Kuala Lumpur Ministerial Understanding on ASEAN Cooperation in Telecommunications and Information Technology's objectives and to bring ASEAN ICT cooperation to a higher level.

11. The 10 years of cooperation have yielded meaningful outcomes which contributed to the change in the ASEAN ICT landscape and led to an influential shift in the way essential services are delivered, from e-health to e-education, e-commerce and e-government.

12. The successful implementation of the e-ASEAN Integration Roadmap (2004-2010) has achieved its objectives in mobilising regional efforts to (a) establish the ASEAN Information Infrastructure; (b) promote and facilitate the growth of e-commerce in ASEAN; (c) liberalise and facilitate trade in ICT products, services and investments in support of the e-ASEAN initiative; (d) promote investments in the production of ICT products and the provision of ICT services; (e) strengthen e-ASEAN

capacity building to reduce the digital divide within and amongst ASEAN Member States; and (f) to use ICT applications in the delivery of government services.

13. The Ministers acknowledged that ASEAN ICT sector, through the programmes managed by the ASEAN Telecommunications and IT Senior Officials (TELSOM) and ASEAN Telecommunication Regulators' Council (ATRC), has showcased a great sense of regional cooperation and ownership. The ICT sector has contributed significantly to economic growth and social development in ASEAN and takes a strategic role and becomes a powerful tool for achieving the United Nations Millennium Development Goals.

14. The Ministers commended the TELSOM, ATRC, the various Working Groups, the ASEAN ICT Centre (AICTC) and the ASEAN Secretariat for their tremendous efforts in carrying out the cooperation activities and programmes that made the success of ASEAN ICT cooperation in the last decade possible. The Ministers also commended the founding officials of the AICTC for their dedication, tireless efforts, outstanding contribution and achievement in managing the successful implementation of the ASEAN ICT priority projects.

15. The ASEAN Ministers expressed their high appreciation to ASEAN Dialogue Partners, notably China, Japan, Republic of Korea, European Union and India, amongst others, for the provision of invaluable assistance, both technical and financial, which significantly contributed to the successful implementation of the ASEAN ICT cooperation programmes and projects.

AIM 2015: TOWARDS AN EMPOWERING AND TRANSFORMATIONAL ICT

16. Building on the achievements made in the last decade, the Ministers vowed to further intensify their collective efforts in enhancing ASEAN ICT cooperation and integration to a new level to effectively contribute to the successful realisation of the ASEAN Community by 2015. The Ministers agreed to chart out an execution plan for the development of the ASEAN ICT sector by 2015 and beyond in an integrated manner to support other sectors in the implementation of the ASEAN Economic Community Blueprint, the Roadmap for an ASEAN Community, and the Master Plan of ASEAN Connectivity.

17. In this regard, the Ministers issued the Kuala Lumpur Statement on "ICT: Positioning ASEAN for the Future", which officially announced the adoption of the ASEAN ICT Masterplan 2015 ("AIM2015") with the Vision "Towards an Empowering

and Transformational ICT: Creating an Inclusive, Vibrant and Integrated ASEAN".

18. The AIM2015 is a comprehensive plan of specific actions and projects with clear targets and timelines in six strategic thrusts to be implemented in the next five years and beyond with the aim to deliver four key outcomes, namely: (i) ICT as an engine of growth for ASEAN Member States, (ii) Recognition for ASEAN as a global ICT hub, (iii) Enhanced quality of life for the peoples of ASEAN, and (iv) Contribution towards ASEAN integration.

19. The Ministers welcomed and invited all relevant stakeholders and parties to support and actively contribute to the implementation of actions and measures embodied in the AIM2015 for the successful realisation of its objectives in a timely manner.

20. The Ministers tasked TELSOM to review the existing ICT cooperation, amongst others, the ASEAN E-Commerce Database, International Mobile Data Roaming Charges, and CA-CA (Certificate Authority) Interoperability Framework in ASEAN Projects, and the available funding sources to come up with the recommendations for the implementation of the AIM2015 for the consideration of the Ministers at their next Meeting.

21. The Ministers welcomed the adoption the Record of Intent (ROI) by ATRC, which will be an additional instrument to foster ATRC cooperation, especially on strengthening cooperation and collaboration in the areas of telecommunications regulations to effectively facilitate the development of the telecommunications industry, serve consumers and accelerate the growth and development of the industry. The Ministers noted that the ATRC ROI will further promote regional cooperation on ICT regulatory practices, policy strategies and coordination on ICT standards and radio frequency, which will be helpful in implementing the AIM2015.

ICT COOPERATION WITH DIALOGUE PARTNERS AND OTHER PARTIES

22. The ASEAN Telecommunications and IT Ministers held separate meetings with their counterparts from China (led by H.E. Mr. Xi Guohua, Senior Vice Minister for Telecommunications Sector of China), Japan (led by H.E. Mr. Katayama Yoshihiro, Minister for Internal Affairs and Communications of Japan), and the Republic of Korea (led by H.E. Mr. Seejoong Choi, Chairman of the Korea Communications Commission), respectively.

23. The ASEAN Ministers expressed their appreciation to China, Japan and the ROK for the successful implementation of their respective annual work plans on ICT cooperation with ASEAN and welcomed recommendations to further promote ASEAN cooperation with Dialogue Partners, international organisations and private sectors.

24. The Ministers of China, Japan and the ROK commended ASEAN for the significant development and achievements in the ICT sector in the last ten years, and were of the view that ASEAN could play a more active role in global ICT issues, such as internet governance, information security, e-commerce, e-education and ICT for environment. In this regard, they agreed to foster closer cooperation with ASEAN and also committed to continue to provide technical as well as financial assistance for the effective implementation of the AIM2015 and the ICT measures in the Master Plan on ASEAN Connectivity.

China

25. The Ministers expressed great satisfaction with the implementation of the activities specified in the "Plan of Action to Implement Beijing Declaration on ASEAN-China ICT Cooperative Partnership for Common Development". The Ministers tasked senior officials to study and recommend the relevant programme areas and strategic actions in the Plan of Action to support the realisation of AIM2015.

26. The Ministers adopted the 2010-2011 ASEAN-China ICT Work Plan clearly indicating that both sides need to actively cooperate in new areas such as ICT applications for small and medium-sized enterprises (SMEs) and E-education in addition to the good existing cooperation in telecommunications development, policies, network security and human resources development.

Japan

27. The ASEAN Ministers expressed their appreciation for Japan's assistance in a number of key projects, notably on information security, human resource development, demonstrations for improvement of ASEAN ICT services, and utilisation of ICT for disaster management and preservation of the environment. The ASEAN Ministers also expressed their sincere thanks to Japan for her 2nd contribution of USD 150,000 to the ASEAN-Japan ICT Cooperation Fund.

28. The Ministers of ASEAN and Japan adopted the "ASEAN-Japan ICT Work Plan 2011", and the "ASEAN-Japan Collaboration Framework on Information Security"; and urged all relevant agencies to expeditiously implement the activities under the Work Plan and the Collaboration Framework.

Republic of Korea

29. The Ministers noted the strong support and assistance given by the Republic of Korea to ASEAN in ICT development policies especially through policy consultation, human resources development, dispatch of Korea's ICT experts to ASEAN Member States and ICT workshops with ASEAN.

30. The Ministers welcomed Korea's future plan for ICT cooperation with ASEAN. The plan includes cooperation for joint use of ICT infrastructure, support for expansion of ICT infrastructure, enhancement for capacity building and expansion digital opportunities through cooperation with international organisations.

European Union, India and ITU

31. The ASEAN Ministers noted the development of the "Regional EU-ASEAN Dialogue Instrument (READI)", the India's supported "Feasibility Study on the ASEAN e-Network Project for CLMV Countries", and the concept to develop a cooperation agreement between ASEAN and International Telecommunication Union (ITU).

NEXT TELMIN MEETING

32. The Ministers expressed their sincere appreciation and gratitude to the Government and people of Malaysia for their warm hospitality and excellent arrangement for the 10th TELMIN.

33. The next TELMIN and its Meetings with Dialogue Partners will be held in Myanmar tentatively at the end of 2011.

LIST OF TELMIN LEADERS

1. H.E. Pehin Dato Abdullah Bakar, Minister of Communications, Brunei Darussalam;
2. H.E. Mr. So Khun, Minister of Posts and Telecommunications, Cambodia;
3. H.E. Ir. Tifatul Sembiring, Minister of Communication and Information Technology, Indonesia;
4. H.E. Mr. Khamlouat Sidlakone, Minister to the Prime Minister Office, Chairman of the National Authority of Posts and Telecommunications of Lao PDR;
5. H.E. Dr. Rais Yatim, Minister of Information, Communications and Culture of Malaysia;
6. H.E. Mr. Thein Tun, Deputy Minister for Communications, Posts and Telegraphs of the Union of Myanmar;
7. H.E. Mr. Ivan John E. Uy, Secretary and Chairman of Information and Communications Technology, the Philippines;
8. H.E. Mr. Lui Tuck Yew, Minister for Information, Communications and the Arts, Singapore;
9. H.E. Mr. Chuti Krairiksh, Minister of Information and Communication Technology, Thailand;
10. H.E. Mr. Nguyen Thanh Hung, Vice Minister for Information and Communications, Viet Nam;
11. H.E. Mr. Xi Guohua, Senior Vice Minister for Telecommunications Sector, China;
12. H.E. Mr. Katayama Yoshihiro, Minister for Internal Affairs and Communications, Japan;
13. H.E. Mr. Seejoong Choi, Chairman of the Korea Communications Commission, Republic of Korea;
14. Mr. Somsak Pipoppinyo, Director for Finance, Industry and Infrastructure Directorate, ASEAN Economic Community Department, the ASEAN Secretariat, representing the Secretary General of ASEAN.