

Overview of e-ASEAN Initiative

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Coverage

- Background
- Implementing e-ASEAN
- Initiatives Launched

e-ASEAN Agreement

- eASEAN Framework Agreement signed by ASEAN Leaders at ASEAN Informal Summit in Singapore in Nov 2000

Scope of Coverage

e-Space

ECONOMY

SOCIETY

GOVERNMENT

POLICY

**PILOT
PROJECTS**

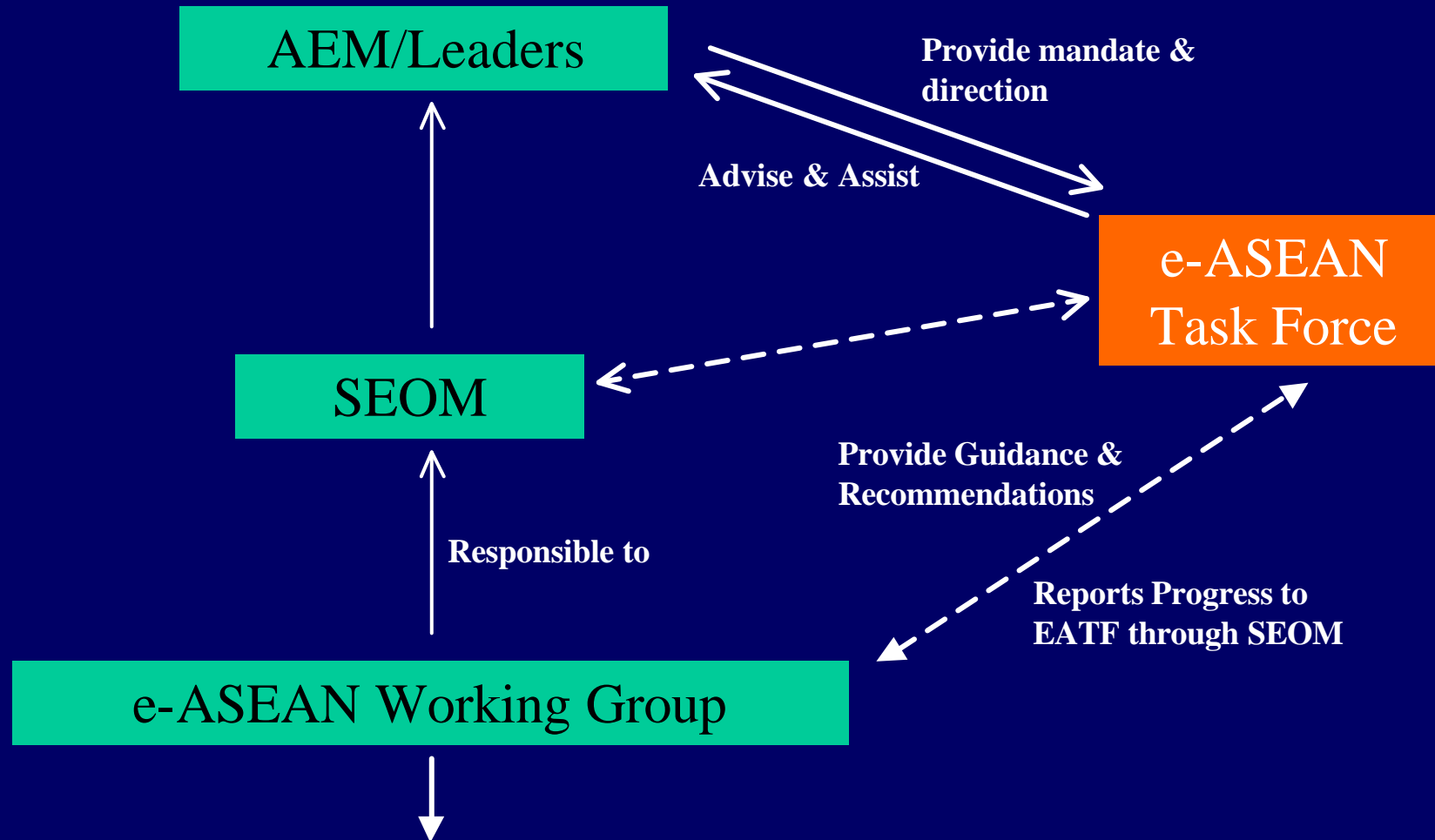
e-ASEAN FRAMEWORK AGREEMENT

- Six main thrusts:
 - ↳ Establishment of ASEAN Information Infrastructure
 - ↳ Growth of electronic commerce
 - ↳ Liberalisation of trade in ICT products and ICT services, and of investments
 - ↳ Facilitation of trade in ICT products and services
 - ↳ Capacity building and e-Society
 - ↳ e-Government

e-ASEAN FRAMEWORK AGREEMENT

- The Agreement also covers measures:
 - ↳ To enable Member Countries who are ready, to accelerate the implementation of the Agreement by 2002, and to assist other Member Countries to undertake capacity building

e-ASEAN Management Structure



Other working groups, committees, private sector initiatives

Task Groups

- Five Task Groups formed
 - ↳ Each with Shepherd and co-shepherd
- Responsibilities of shepherd
 - ↳ Develop specific recommended policies and / or actions for government consideration
 - ↳ Recommend realistic timeline for implementation, based on ASEAN modalities
 - ↳ Monitor and coordinate with EAWG and other related fora
 - ↳ Monitor existing pilot projects and nominate new ones for endorsement

ASEAN Info Infrastructure

- *Shepherd:* Philippines
- *Co-Shepherd:* Singapore
- *Areas of coverage:*
 - ↳ Enhanced intra-ASEAN connectivity
 - Developing / harmonising standards for interconnectivity and interoperability of National Information Infrastructures
 - Facilitating the setting up of national and regional Internet exchanges and Internet gateways

ASEAN Info Infrastructure

- *Areas of coverage (cont'd):*
 - ↳ Developing recommendations for “least connected” ASEAN members
 - ↳ Developing Convergence Principles
 - ↳ Participation in global Internet policy formulation
 - ICANN representation for ASEAN/e-ASEAN
 - ASEAN Top Level Domain

e-Commerce

- *Shepherd:* Singapore
- *Co-Shepherd:* Malaysia, Brunei
- *Areas of coverage:*
 - ↳ e-Commerce Legal Framework
 - e-Commerce legislation on electronic transactions and electronic signatures
 - ↳ Consumer Protection
 - Online alternative dispute resolution
 - Privacy and personal data protection

e-Commerce

- *Areas of coverage (cont'd):*
 - ↳ Regional Electronic Payments System
 - ↳ Intellectual Property Rights
 - ↳ Cybercrime legislation and prevention
 - ↳ Developing authentication and security policies
 - Mutual recognition of digital signature framework
 - Security policy
 - ↳ Taxation Issues

Common Marketplace for ICT Goods, Services and Investments

- *Shepherd:* Indonesia
- *Co-Shepherd:* Singapore
- *Areas of coverage:*
 - ↳ Liberalisation of ICT Products, Services and Investments
 - ↳ MRA on ICT products and services
 - Implementation of MRA on telecom equipment
 - Alignment of national standards to international standards
 - MRA of qualification standards
 - ↳ Harmonisation of tariff nomenclature and customs valuation for ICT products
 - ↳ Monitoring APEC and WTO discussions and developing recommendations for ASEAN

Capacity Building and e-Society

- *Shepherd:* Thailand
- *Co-Shepherd:* CLMV countries
- *Areas of coverage:*
 - ↳ SME training and education
 - ↳ Regional human resource development programme
 - Schools
 - Communities
 - Workplace
 - ↳ Developing common ICT professional standards
 - ↳ Developing community-based e-centres

e-Government

- *Shepherd:* Malaysia
- *Co-Shepherd:* Singapore, Brunei
- *Areas of coverage:*
 - ↳ Facilitating inter-government cooperation and freer flow of goods, information and people
 - Customs modernisation and trade links
 - e-passport/visa
 - Smartcards

e-Government

- *Areas of coverage:*
 - ↳ e-government services and applications for citizens and businesses
 - Government licensing/registration processes
 - Electronic bidding and procurement
 - Health services
 - Tax payment

e-READINESS Study

- Purpose
 - ↳ To develop an understanding of the level of e-readiness of ASEAN countries and to provide recommendations for bridging gaps
- Progress to date
 - ↳ First-cut data collection completed
 - ↳ Appointment of consultant to analyse data and recommend system for future ongoing assessments

e-ASEAN Technical Architecture

- Purpose
 - ↳ To develop a Technical Architecture to serve as guideline for the development and implementation of interoperable e-applications and e-services
- Progress to date
 - ↳ Design principles defined
- Next Steps
 - ↳ Develop specific technical architectures for network, security, e-payment and e-learning infrastructure and services

e-Commerce Legal Infrastructure

- Purpose
 - ↳ To formulate a Common Reference Framework to facilitate cross-border e-commerce and to assist member countries to establish their own legislation
- Progress to date
 - ↳ Common reference framework completed and endorsed by EAWG
- Next Steps
 - ↳ Other areas being addressed
 - Admissibility of computer output as evidence in court
 - Cybercrime legislation
 - IPR protection
 - Consumer protection

CA Interoperability Forum

- Purpose

- ↳ To evolve a regional technical framework to facilitate cross-recognition and/or cross-certification of digital certificates issued by different CAs

- Progress to date

- ↳ A number of issues have been raised and discussed

- ↳ CAs in Singapore and Malaysia are working towards cross-recognition of digital certificates

- Next Steps

- ↳ Establish a formal steering committee to drive the CA Forum agenda

ASEAN ISP Forum

- Purpose
 - ↳ To facilitate and promote enhanced integration and interoperability of regional ISP services and optimisation of Internet traffic within ASEAN
- Progress to date
 - ↳ ASEAN ISP Forum working towards the setting up of regional Internet exchanges and gateways to make Internet traffic flow within ASEAN more efficient and cost-effective
- Next Steps
 - ↳ Set up ASEAN ISP Association (AISPA) as a formal body to drive the agenda

e-ASEAN Endorsed Pilot Projects

Principles for Project Selection

- Projects should bridge digital divide between ASEAN countries through HRD and/or technology transfer
- Projects should be based on best practices
- Projects must be based on open standards
- Projects must not be technologically-dependent
- Projects must push the technology envelope through the promotion of R&D and the provision of innovative e-commerce solutions or business models
- Projects should contribute towards the strengthening of institutions and capacities that facilitate e-commerce

AII

- ASEAN Internet Exchange (ARIX)
 - ↳ An infrastructure for localising and exchanging ASEAN Internet traffic (ASEAN Secretariat)

e-Commerce

- ASEAN eTourism Portal
 - ↳ Portal for tourism industry (KUB Systems, Malaysia)
- EastASEANbiz.net
 - ↳ Portal for EAGA SMEs (BIMP-EABC, Brunei Darussalam)
- ASEANWorld.com
 - ↳ A regional info / transactional portal to house / link with regional applications (Oracle, Sun and Connect! Singapore)
- GM SupplyPower
 - ↳ B2B marketplace for automobile parts (GM Thailand, Malaysia, Philippines and Indonesia)

e-Commerce (Cont'd)

- Sesami Inc
 - ↳ B2B Exchange (Sesami Inc, Singapore)
- Knowledge Worker Exchange
 - ↳ Portal for skilled-labour HRD activities (MSC Development Corporation, Malaysia)
- Real Estate in Cyberspace
 - ↳ ASEAN marketplace for real-estate trading, information sharing and collaboration (e-ASIANproperty.com, Brunei Darussalam)
- WeASEAN.com
 - ↳ A collaborative B2B e-commerce e-community for ASEAN SMEs (WeThai Co. Ltd, Thailand)

Capacity Building and e-Society

- ASEAN Educators Online
 - ↳ A teaching community portal (Assumption University of Thailand)
- ASEAN Information Network (AINet)
 - ↳ An ongoing project to build network of library services on-line (National Library Board, Singapore)
- ASEAN SchoolNet
 - ↳ To link up ASEAN schools, build computing facilities with broadband capabilities and develop multimedia learning / teaching contents (One Virtual Corporation, Philippines)

Capacity Building and e-Society

- e-Entrepreneurship Training Program
 - ↳ An HRD scheme to help SMEs transform their operations into e-businesses
- ASEAN Incubator Network
 - ↳ A facility to nurture net-preneurs and e-business start-ups
- ArtPostAsia.com
 - ↳ A portal for arts-related information

Capacity Building and e-Society (Contd)

- Java Competency Centre (Sun Microsystems)
 - ↳ Technology transfer and human resource development
- ASEAN Training Network
 - ↳ Provides training at all levels
- LifeASEAN
 - ↳ Multilingual magazine on ASEAN society and culture

e-Government

- Cyberlaw training workshop for legislators, government counsels & judges of CLMV

Collaboration with other regions

On-going:

- e-ASEAN + 3
 - Japan
 - China
 - Korea

Next steps:

- e-ASEAN-India
- e-ASEAN-Australia/New Zealand
- e-ASEAN-APT-World Bank