

# **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**

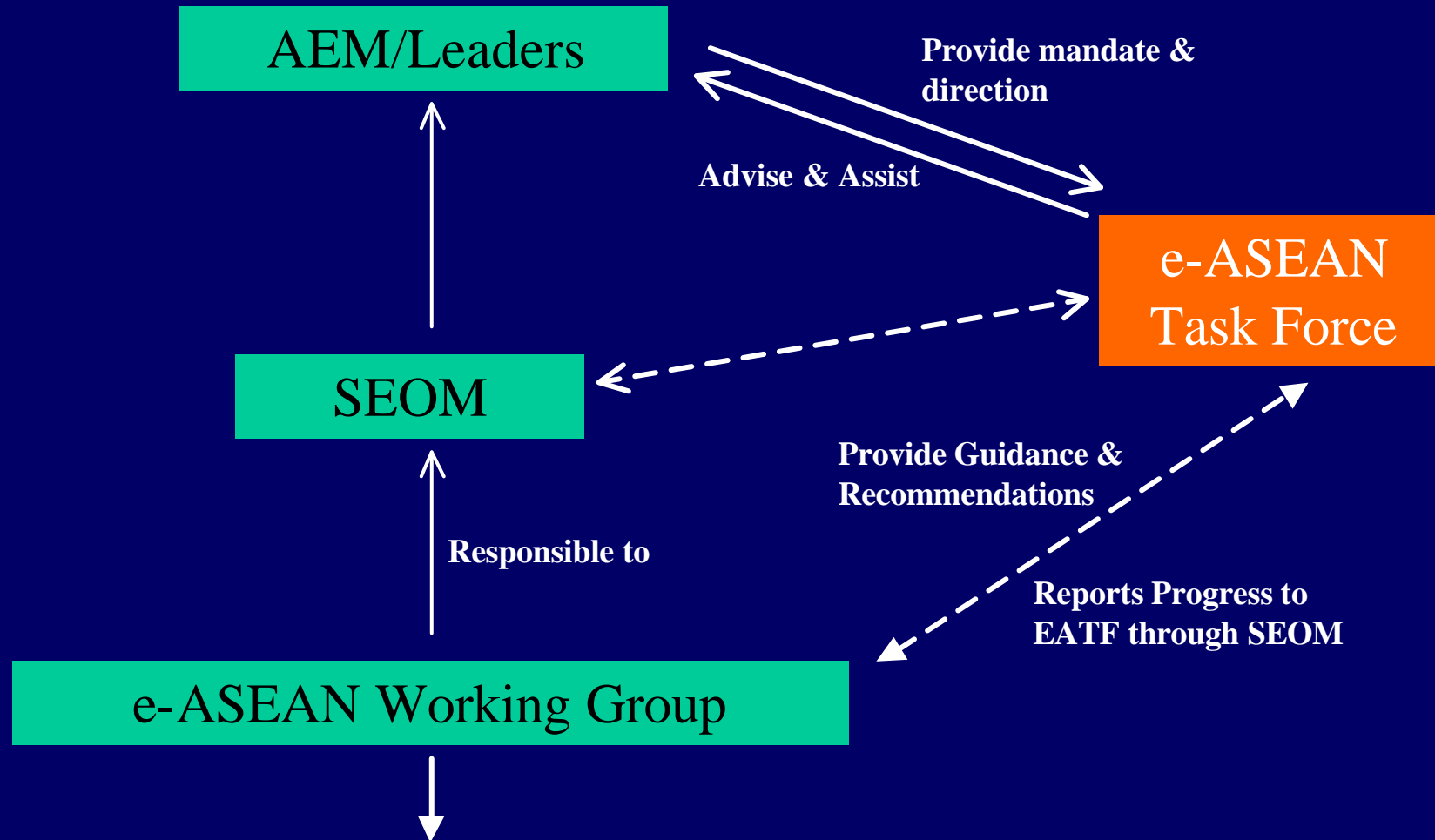
# e-ASEAN FRAMEWORK AGREEMENT

- 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