

APPENDIX I ROADMAP FOR INTEGRATION OF ELECTRONICS SECTOR

I. OBJECTIVES

The objectives of integrating the electronics sector are:

- Develop, strengthen and enhance the competitiveness of the ASEAN Electronics sector and promote ASEAN as an integrated platform in which to do business in electronics;
- Strengthen regional integration efforts through liberalisation, facilitation and promotion measures to ensure full integration of the Electronics sector by 2010.
- Promote private sector participation.

II. MEASURES

This roadmap includes specific measures that are of direct relevance to the Electronics sector, as well as common measures that cut across all priority integration sectors. The integration approaches are premised on:

- Combining the economic strengths of ASEAN member countries for regional advantage;
- Facilitate and promote intra-ASEAN investments;
- Improve the condition to attract and retain manufacturing and other economic activities within the region;
- Promote outsourcing program within ASEAN.

III. COVERAGE

The scope of products include electronic data processing (EDP) equipment, electrical and electronic home appliances, medical and industrial equipment, telecommunication equipment, communications and radar, automotive electronics, instrumentation and controls, mechanical parts of electronic and electrical products, semiconductor devices (including inputs for the manufacture of semiconductor devices), and other machineries and equipment for the manufacture of semiconductors and printed circuit boards (PCBs).

Details of product coverage appear as **Attachment I** to this Roadmap.

**APPENDIX 1
ROADMAP FOR INTEGRATION OF ELECTRONICS SECTOR**

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
COMMON ISSUES			
I	Tariff Elimination		
1	Eliminate CEPT-AFTA tariffs on all identified products	Coordinating Committee on the Implementation of the CEPT Scheme for AFTA (CCCA)	ASEAN 6: 1 January 2007 CLMV: 1 January 2012
II	Non-Tariff Measures (NTMs)¹		
2	Establish the Database of ASEAN NTMs to ensure transparency	CCCA	Completed on 30 June 2004
3	Regularly update the Database of ASEAN NTMs to ensure transparency		Starting 1 January 2007
4	Establish clear criteria to identify measures that are classified as barriers to trade		Completed on 27 September 2005 (19th AFTA Council)
5	Establish a clear and definitive work programme for the assessment of existing NTMs and identification of Non-Tariff Barriers (NTBs)		Completed on 21 August 2006 (20 th AFTA Council)
6	Eliminate NTBs on all identified products		<p><u>First Package:</u> 1 January 2008 for ASEAN 5; 1 January 2010 for the Philippines; and 1 January 2013 for CLMV</p> <p><u>Second Package:</u> 1 January 2009 for ASEAN 5; 1 January 2011 for the Philippines; and 1 January 2014 for CLMV</p> <p><u>Third Package:</u></p>

¹ Measures on NTMs apply to all products in accordance to the decisions of 20th AFTA Council, 21 August 2006, Kuala Lumpur, Malaysia. Priority Integration Sectors (PIS) measures on NTMs and NTBs shall be implemented in conformance with said AFTA Council decisions.

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
			1 January 2010 for ASEAN 5; 1 January 2012 for the Philippines; and 1 January 2015 with flexibility up to 2018 for CLMV
7	Conduct regular review and assessment of NTMs based on the criteria set by the AFTA Council		Starting 1 January 2008
III	Rules of Origin		
8	Improve the CEPT Rules of Origin by: <ul style="list-style-type: none"> - making it more transparent, predictable, standardised and trade-facilitating, taking into account the need to encourage regional sourcing and the best practices of other Regional Trade Agreements including the rules of origin of the WTO; and - adopting substantial transformation as alternative criteria for conferring origin status 	Task Force on CEPT Rules of Origin (ROO-TF)	31 December 2006
9	Identify and implement measures to promote the utilisation of Form D	CCCA and Coordinating Committee on Customs (CCC) ²	Ongoing
IV	Customs Procedures		
10	Extend the application of the ASEAN Harmonised Tariff Nomenclature (AHTN) for extra-ASEAN trade	CCC/Customs Procedures and Trade Facilitation Working Group	31 December 2007
11	Develop a simplified, improved and harmonised customs declaration form		Completed on 8 June 2005
12	Ensure full implementation of the Green Lane System for CEPT Products, or similar systems, at entry points of all Member States		Completed

² The Expert Committee on Customs Matters (ECCM) was restructured and renamed as CCC

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
13	Develop implementation guidelines, as appropriate, for Member States which are not members of the WTO to fulfil the obligations of the WTO Agreement on Customs Valuation		Completed
14	Adopt service commitment (client charter) by ASEAN customs authorities		Completed
15	Develop the Single Window approach, including the electronic processing of trade documents at national and regional levels	Inter-Agency Task Force on Single Window	Completed on 9 December 2005
16	Implementation of the ASEAN Single Window	ASEAN Single Window Steering Committee	1 January 2008 for ASEAN-6 1 January 2012 for CLMV
V	Standards and Conformance		
17	Accelerate the development and implementation of sectoral Mutual Recognition Arrangements (MRAs), as appropriate	ASEAN Consultative Committee on Standards and Quality (ACCSQ)	beginning 1 January 2005
18	Encourage domestic regulators to recognise test reports issued by testing laboratories which are already accredited by National Accreditation Bodies in ASEAN that are signatories to ILAC and APLAC MRA for products not covered under the sectoral MRAs		Ongoing
19	Set clear targets and schedules for harmonisation of standards, wherever required; where international standards are not available, and when requested by industry, align national standards among Member States		Completed
20	Harmonise already identified standards among Member Countries		31 December 2007
21	Identify and harmonise additional standards, wherever required; where international standards are not available, and when requested by industry, align national standards among Member States		31 December 2010

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
22	Harmonise and/or develop, wherever appropriate, technical regulations for national application		31 December 2010
23	Ensure compliance with the requirements, rights and obligations of WTO Agreement on Technical Barriers to Trade		Ongoing
24	Develop ASEAN policy on standards and conformance to further facilitate the realisation of the ASEAN Economic Community		Completed on 28 September 2005 (37 th AEM)
VI	Logistics Services³		
25	<p>Expedite the development of integrated transport logistics services within ASEAN through:</p> <ul style="list-style-type: none"> - Promotion of efficient door-to-door cargo transport and cross-border transport facilitation through the expeditious implementation of the ASEAN Framework Agreement on the Facilitation of Goods in Transit, and the ASEAN Framework Agreement on Multimodal Transport; - Improvement of land transport network infrastructures and services to achieve better inter-connectivity, inter-operability and inter-modality with the national, regional and international maritime and air transport gateways; - Strengthening intra-ASEAN maritime and shipping transport services; and - Establishment of enabling and conducive policy environment for increased 	Senior Transport Officials Meeting (STOM)	Beginning 2005

³ A comprehensive roadmap on logistics services as a separate Priority Integration Sector is currently being developed and shall be completed by June 2007

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
	private sector involvement and/or public-private partnerships in the development of transport infrastructure and the provision and operation of transport logistics facilities and services		
VII	Outsourcing and Industrial Complementation		
26	Identify and develop areas of specialisation on production processes, research and development (R&D), and testing facilities based on comparative advantages of individual Member States	Working Group on Industrial Cooperation (WGIC), with inputs from the private sector	Ongoing
27	Develop guidelines to promote outsourcing arrangements among Member States, as applicable		31 December 2008
VIII	ASEAN Integration System of Preferences		
28	Endeavour to simplify the procedures and expand the coverage of the ASEAN Integration System of Preferences (AISP) Scheme by including products in the priority integration sectors	CCCA	Between 1 January 2007 and 1 January 2009
IX	Investments		
29	Accelerate the opening up of sectors currently in the Sensitive List (SL) by transferring these sectors into the Temporary Exclusion List (TEL) under the Framework Agreement on the ASEAN Investment Area, using the ASEAN-X formula	Coordinating Committee on Investment (CCI)	Ongoing
30	Reduce restrictive investment measures in the SL		Ongoing
31	Complete the progressive elimination of restrictive investment measures in the TEL		2010 for ASEAN-6, 2013 for Viet Nam and 2015 for Cambodia, Lao PDR and Myanmar
32	Identify and implement programmes and activities to promote investments in ASEAN		Ongoing

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
33	Promote manufacturing processes across different ASEAN countries to take advantage of their comparative strengths through: <ul style="list-style-type: none"> - the establishment of a network of ASEAN free trade zones to facilitate outsourcing activities - undertaking more efficient joint ASEAN facilitation and promotion measures to promote FDI 	CCC; CCI; WGIC CCI	Ongoing Ongoing
34	Promote and facilitate joint/cross border investments in manufacturing activities through: <ul style="list-style-type: none"> - special incentives, where appropriate, to be given by CLMV for investments from ASEAN - special measures, where appropriate to be given by ASEAN 6 to promote and facilitate relocation of investment to CLMV countries especially for labour intensive manufacturing activities 	CCI	Ongoing
X	Trade and Investment Promotion		
35	Intensify intra- and extra ASEAN joint promotion efforts regularly	CCI; ASEAN Chambers of Commerce and Industry (ASEAN-CCI); and relevant Industry Clubs/ Associations	Ongoing
36	Organise regular private sector initiatives to: <ul style="list-style-type: none"> - undertake more efficient joint ASEAN facilitation and promotion measures to promote FDI into ASEAN - undertake joint trade and investment missions; and - assist CLMV in organising promotional activities 	CCI; ASEAN Business Advisory Council (ASEAN-BAC); and ASEAN-CCI	Ongoing

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
37	Undertake more effective joint ASEAN facilitation in promotion measures and develop new sources of inward foreign direct investments, particularly from potential countries such as the People's Republic of China, India and the Republic of Korea		Ongoing
XI	Intra-ASEAN Trade and Investment Statistics		
38	Develop an effective system to monitor intra-ASEAN trade and investment through: <ul style="list-style-type: none"> - establish an efficient trade and investment database - provision of updates to the ASEAN Secretariat of the latest trade (goods and services) and investment statistics - preparation of consolidated industry profile, by the respective associations, which among other matters, cover information such as production capacity and product range 	ASEAN Heads of Statistical Offices Meeting (AHSOM); Working Group on Foreign Direct Investment Statistics and CCCA	31 December 2009 Ongoing Ongoing
XII	Intellectual Property Rights		
39	Expand the scope of ASEAN intellectual property rights cooperation beyond trademarks and patents by including cooperation in copyrights information exchange and enforcement	ASEAN Working Group on Intellectual Property Cooperation (AWGIPC)	Ongoing
XIII	Movement of Business Persons, Experts, Skilled Labour, Talents and Professionals		
40	Develop an ASEAN Agreement to facilitate the movement of business persons, including the adoption of an ASEAN Business Travel Card, taking into account Member States' domestic laws and regulations	Directors-General of Immigration Departments and Heads of Consular Affairs Division of the Ministries of Foreign Affairs (DGICM)	Ongoing

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
41	Identify and develop other mechanisms that will complement existing ASEAN initiatives to further facilitate the movement of experts, professionals, skilled labour and talents	Coordinating Committee on Services (CCS)	31 December 2007
42	Accelerate completion of MRAs to facilitate free movement of experts, professionals, skilled labour and talents in ASEAN, taking into account Member States' domestic laws and regulations		31 December 2008
XIV	Facilitation of Travel in ASEAN		
43	Harmonise procedures for the issuance of visas to international travellers	DGICM	Ongoing
44	Provide visa exemption for intra-ASEAN travel by ASEAN nationals		Ongoing
XV	Human Resource Development		
45	Develop and upgrade skills and capacity building through joint trainings and workshops	Senior Labour Officials Meeting (SLOM) ASEAN Senior Officials for Education (ASOED) Senior Economic Officials Meeting (SEOM) Initiatives for ASEAN Integration (IAI) Task Force	Ongoing
SPECIFIC ISSUES			
XVI	Customs Procedures		
46	Institutionalise RosettaNet or other internationally compatible system in ASEAN for the exchange of trade documents	CCC/Customs Procedures and Trade Facilitation Working Group	31 December 2007
47	Implement 24x7 customs operations, as may be applicable or deemed feasible, through operationalisation of	CCC/Customs Procedures and Trade Facilitation Working	31 December 2007

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
	systems of the electronic processing and those similar on the basis of the ASEAN Cargo Processing Model.	Group	
48	Implement the ASEAN Customs Declaration Document and measures of trade facilitation	CCC/Customs Procedures and Trade Facilitation Working Group	31 December 2007
XVII	Investment		
49	Intensify regional investment promotion activities by focusing on ASEAN's competitive advantage which includes a large manufacturing base and a long established presence of MNCs, vis-à-vis other investment locations.	CCI	Ongoing
50	Undertake regional investment promotion activities such as the following: - ASEAN Electronic Database - Joint ASEAN Electronics Investment Promotions Collateral - Regular ASEAN Electronics Investments Forum	CCI, AEF and relevant bodies	Beginning December 2006
XVIII	Market and Production Base Integration		
51	Further enhance the AICO Scheme	WGIC	Ongoing
52	Promote intra ASEAN trade and increase outsourcing for electronics through: - linking up existing individual country database - enhancing the ASEAN Supporting Industries Database (ASID) to become more user-friendly - holding regular trade exhibitions with Reverse Trade component, where applicable	ASEAN Electronics Forum (AEF) CCI and SMEWG AEF	Beginning 31 December 2006 31 December 2007 Beginning December 2006
XIX	Standards and Mutual Recognition Arrangements (MRA)		

NO.	MEASURES	IMPLEMENTING BODY	TIMELINE
53	Accelerate the implementation of MRAs for Electrical and Electronic Equipment	ACCSQ	Beginning December 2005 ⁴
54	Harmonise technical regulations for electronics and electrical sector in ASEAN	ACCSQ	31 December 2010
55	Ensure transparency or regulatory schemes in ASEAN	ACCSQ, AEF and other relevant Bodies	Ongoing
56	Cooperate in capacity-building of ASEAN countries in terms of testing and accreditation	ACCSQ and AEF	Ongoing
XX	Capacity Building		
57	Develop and promote ASEAN centre of excellence in the areas of R&D, design and prototyping, outsourcing from within ASEAN	WGIC and AEF	Beginning 30 June 2005
58	Promote networking of Electronics skills development entities to explore possible collaboration among these entities	WGIC and AEF	Beginning December 2007

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⁴ The MRA had been signed and currently in the implementation stage. To date, eight Testing Bodies from Malaysia, Singapore, Thailand and Viet Nam and one Certification Body from Singapore have been listed under ASEAN EE MRA.