

COMISSÃO DA CEDEAO

ECOWAS COMMISSION

COMMISSION DE LA CEDEAO



**Original: English**

# **ECOWAS STANDARDS HARMONISATION MODEL (ECOSHAM)**

(Promoting industrial contribution to regional economic growth through a coherent and harmonised policy)

## **MEETING OF STARTING UP OF WORKS OF THE TECHNICAL STANDARDS HARMONISATION COMMITTEE 5 (THC5)**

Abidjan, 20 – 22 February 2017

### **STRATEGIC BUSINESS PLAN**

**ECOWAS COMMISSION**

## STRATEGIC BUSINESS PLAN

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### **Title of Technical Committee**

**TECHNICAL HARMONIZATION COMMITTEE FOR ELECTROTECHNICAL (THC5).**

### **A. Background**

THC 5 was formed by ECOWAS TMC to propose, elaborate and harmonise Electrotehical standards and other deliverables for West African region. Standards harmonise by the THC shall take precedence over existing national standard within the region. It will provide guidance to West African countries on various electrotechnical products.

THC5 has been chartered to work with national standard bodies, regulators, vendors and identified stakeholders.

THC 5 is mostly composed of experts representing the NSBs, Regulators, and identified stakeholders

### **B. Business Environment**

#### **B.1 General**

The business environment for electrotechnical product in West Africa is huge and cut across most household. These products are most often not manufactured in WA but imported from various countries outside the region, hence the need for standard to control the quality of import. The increase in movement of goods across countries within the region and the need to have uniform standard for conformity assessment of such product to be recommended to various body responsible for testing and importers, makes it imperative to have harmonized standard in order to eliminate technical barrier to trade.

#### **B.2 Market demand**

There is a need for standards to support opening the market to new actors, for new forms of business and better conditions for consumers, but at the same time increase the quality and availability, and more generally the dependability and energy efficient of product. Although a lot of standards are in place or under development, there is need to harmonize existing standards within the region.

Regulation authorities are interested in consensus documents that assist them to organize their activity, supervise the evolution of the market and make comparisons between operators and between countries.

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There is a general demand for consensus documents and standards that can be a reference to:

- implement harmonized regulatory frameworks;
- define the essential technical and economical characteristics, and methods of assessment and measurement;

Active participation of representatives of regulating authorities and more generally from all concerned parties including consumers is expected.

**B.3 Trends in technology**

The clamor for energy efficient product, renewable energy, reduction in E-waste and reduction of hazardous substance in electrotechnical product is increasing within the region. This need will to large extent be addressed by the standard on such product.

**B.4 Market trends**

The safety of consumers, life and properties in other to reduce incidence of fire and electrocution auctioned by use of substandard product will also be addressed.

The strong growth in demand for energy in developing economies, and the parallel demand for energy efficiency as an environmental benefit, will promote infrastructure changes. This could result could result in an eventual need for standardisation associated with various electrotechnical products

**B.5 Ecological environment**

The need to reduce the amount of waste generated due to the short life circle of some of the product necessitate standard on the product o rder to regulate the quantity of hazardous material contain in such product and also that such product meets required minimum life expected. Environmental consideration shall be taking into consideration in the work of the committee to address end life disposal of elecrotechnical products

**C System approach**

Available International standard shall be the working document for harmonization by the THC and all available national standards on such product

**D. Liaisons:**

IEC TCs, AFSEC, WAPP, ECREE.

Formal liaisons could be established when needed.

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**D.1. Objectives and strategies (2 years)**

- To harmonize electrotechnical standard to be used within the region
- To provide inputs to IEC
- Maintain the time for development of THC 5 work within requested timescales.
- Ensure that standards are review at agreed time and in line with review by IEC.
- Regularly review THC 5 product standards to reflect changing technologies and user requirements, including especially in the area of safety.
- Ensure that work is prioritised in relation to the available resources.
- Continue to respect targets for global relevance of standards without creating non-homogeneous deliverables.
- Increase participation of member state of ECOWAS in the work of THC 5
- Ensure consideration for environmental in all work of THC 5

**D.2 Strategies**

- Prioritise standard according to marked need across the region
- Use online communication for its work
- Set up maintenance team to oversee prompt review of harmonise standard when due
- Regular review of agreed timeline to ensure compliance.
- Circulate standard to all ECOWAS NSBs and identified stakeholders prior to final approval
- Regularly update harmonised standard to reflect current environmental consideration globally.
- Communicate proposed amendment in harmonized to the relevant IEC TC to reflect the region interest

**E Action plan**

In order to achieve the set objectives, the following actions are to be implemented

- Two Working Groups has been set up
- Working Group 1 to handle
  - o all Electric cable standard proposed for Harmonisation
  - o Electricity Distribution equipments (power transformers)
- Working Group 2 to handle
  - o Standard on lighting equipments
  - o Switches and sockets
  - o Extension sockets

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- Breakers
- EMC standard
- The Working Groups is made up of the following members
  - **Working Group 1**
    - Ghana - coordinate
    - Togo
    - Gambia
    - Mali
    - Côte d'Ivoire
  - **Working Group 2**
    - Senegal - coordinate
    - Sierra Leone - coordinate
    - Guinee
    - Nigeria
- Each of the Working Group is to send their report to the Secretary of THC 5

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**F. TIMELINE**

**FIRST PRIORITY STANDARDS READY FOR ENQUIRY**

<b>S/N</b>	<b>ACTIVITY</b>	<b>DEADLINE</b>	<b>ACTION BY</b>	<b>STAGE(ECOSHAM)</b>
<b>1</b>	Circulation of The 49 standards FDHS together with ballot forms to Member Countries for one month voting	6 Mars 2017 (ECOSHAM section 7.5.1 first paragragh, page 33)	Secretariat	Stage 5 - Ballot stage
<b>2</b>	Submission of Ballots to Secretariat	5 April 2017 (ECOSHAM section 7.5.1 page 33)	Member Countries	
<b>3</b>	Preparation of ballot report and submission to Chairman of TMC together with FDHS	10 April 2017	Secretariat	Stage 6 - Approval Stage
<b>4</b>	Circulation of the 31 standards as DHS (in both English & French) to Member Countries for study, internal consultations and comments. Including commenting templates	6 March 2017	Secretariat	Stage 4 – Enquiry stage (ECOSHAM section 7.1.3 page 29)
<b>5</b>	Submission of country comments on standards to Secretariat	5 May 2017 (circulation is for 60 days - ECOSHAM section 7.6.2 page 32)	Member Countries	Stage 4 – Enquiry stage
<b>6</b>	Collation of comments	15 May 2017	Secretariat	Stage 4 – Enquiry stage
<b>7</b>	Submission of collated comments and other related documents to Member Countries	18 May 2017	Secretariat	
<b>8</b>	Expected date for the next meeting to discuss the enquiry draft and country comments	12 June 2017 (ECOSHAM section 6.2.1.3 last paragragh page 28)	ECOWAS/H OST COUNTRY	End of Stage 4 – Enquiry stage (ECOSHAM section 7.6.3 page 32)
<b>9</b>	Preparation of FDHS and translations of ECREEE two standards	10 July 2017	Secretariat	
<b>10</b>	Circulation of FDHS together with ballot forms to Member Countries for one month voting	15 July 2017 (ECOSHAM section 7.5.1 first paragragh, page 33)	Secretariat	Stage 5 - Ballot stage
<b>11</b>	Submission of Ballots to Secretariat	14 August 2017 (ECOSHAM section	Member Countries	

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		7.5.1 page 33)		
<b>12</b>	Preparation of ballot report and submission to Chairman of TMC together with FDHS	18 August 2017	Secretariat	Stage 6 - Approval Stage

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**SECOND PRIORITY STANDARD FOR ADOPTION**

<b>S/N</b>	<b>ACTIVITY</b>	<b>DEADLINE</b>	<b>ACTION BY</b>	<b>STAGE(ECOSHAM)</b>
<b>1</b>	Circulation of the .... standards as DHS (in both English & French) to Member Countries for study, internal consultations and comments. Including commenting templates	18 June 2017	Secretariat	Stage 4 – Enquiry stage (ECOSHAM section 7.1.3 page 29)
<b>2</b>	Submission of country comments on standards to Secretariat	17 August 2017 (circulation is for 60 days - ECOSHAM section 7.6.2 page 32)	Member Countries	Stage 4 – Enquiry stage
<b>3</b>	Collation of comments	24 August 2017	Secretariat	Stage 4 – Enquiry stage
<b>4</b>	Submission of collated comments and other related documents to Member Countries	1st September 2017	Secretariat	
<b>5</b>	Expected date for the next meeting to discuss the enquiry draft and country comments	13 November 2017 (ECOSHAM section 6.2.1.3 last paragraph page 28)	ECOWAS/H OST COUNTRY	End of Stage 4 – Enquiry stage (ECOSHAM section 7.6.3 page 32)
<b>6</b>	Preparation of FDHS and translations	22 November 2017	Secretariat	
<b>7</b>	Circulation of FDHS together with ballot forms to Member Countries for one month voting	25 November 2017 (ECOSHAM section 7.5.1 first paragraph, page 33)	Secretariat	Stage 5 - Ballot stage
<b>8</b>	Submission of Ballots to Secretariat	24 December 2017 (ECOSHAM section 7.5.1 page 33)	Member Countries	
<b>9</b>	Preparation of ballot report and submission to Chairman of TMC together with FDHS	28 December 2017	Secretariat	Stage 6 - Approval Stage

Abidjan, the 22<sup>th</sup> February 2017  
**The Chair of THC5**

**ADEWUMI Richard**