BSB Services
(Emphasis on Standardization Process)

BHUTAN

Karma Tshetrim, BSB, Bhutan
BRIEF BACKGROUND

Standards & Quality Control Division, MoC

Standards & Quality Control Authority, MoWHS

Good Governance + : SQCA to NSB

Bhutan Standards Bureau

BSB, subsumed under MoICE

2000

2003

2005

2010

2011

2022
Bhutan Standards Bureau (BSB) is established with the enactment of Bhutan Standard Act 2010.
CORE MANDATES OF BSB

1. **STANDARDS:** Develop & promote national standards and facilitate their implementation

2. **METROLOGY:** Establish & operate the National Metrological Laboratory

3. **ACCREDITATION:** Permit, coordinate and facilitate accreditation of laboratories and certification bodies

4. **CONFORMITY ASSESSMENT SERVICES:** Establish and operate product testing infrastructure; carry out/operate product and management system certification schemes

5. **PROMOTE QUALITY & STANDARDIZATION**

6. **TRADE FACILITATION:** Facilitate implementation of the regional & international trade
BSB CORE SERVICES

Standardization

Certification

Metrology & Laboratory
STANDARDIZATION SERVICES

1

Develops/adopts and publishes national standards

2

Facilitate their implementation through publicity and awareness programs.
STANDARD DEVELOPMENT METHODS

✓ Development
✓ Adoption
  ✓ Identical
  ✓ Modified
  ✓ Non equivalent / development
✓ Harmonization (International/Regional/other national standards)
PRINCIPLES FOR STANDARD DEVELOPMENT

✓ Consensus

✓ Transparency

✓ Approval by recognized body
PRINCIPLES FOR STANDARD DEVELOPMENT

- Transparency
- Effective and Relevance
- Impartiality and Consensus
- Openness
- Coherence
- Development Dimension
STANDARDIZATION PROCESS

- New Work Item Proposal (NWIP)
- Technical Committee
- Sub-Committee
- Consensus
- TC Approval
- Wide circulation of Draft Bhutan Standard
- Approval by BSB Board
- Publication
- Committee Draft
- Draft Bhutan Standard
- Final Draft Bhutan Standard
- Bhutan Standard

Governments

Industries

Consumers
TECHNICAL COMMITTEES

- TC 01: Civil Engineering
- TC 02: Food and Agriculture
- TC 03: Electrical and Electronics
- TC 04: Basics and Management
- TC 05: Pharmaceuticals and Traditional Medicines
- TC 06: Textiles
- TC 07: Wood and Timber Products
- TC 08: Mechanical Engineering
- TC 09: Graphical Symbols
- TC 10: Sustainability and Environment
A committee established by the National Standards Body to carry out standardization within a particular broad subject of standardization

A committee constituted by a technical committee to carry out specific aspects of standardization under the standardization activity of the TC

A group of experts established by the TC or SC to study a specific area within the subject of standardization
1. English is the base language in which the standards is formulate/developed for Bhutan Standards.

2. All discussions and communication for formulation of Bhutan Standards are in English.

3. Translation to national language is not required for now but BSB may do so in future.
STAKEHOLDERS IN STANDARDIZATION

- Industry
- Business
- Government Agencies
- Regulatory Bodies
- Academia
- NGOs
- ... Others
INTERNATIONAL/REGIONAL MEMBERSHIP

SAARC
SOUTH ASIAN REGIONAL STANDARDS ORGANIZATION
DHAKA
MEMBER

ISO
CORRESPONDENT MEMBER

IEC
AFFILIATE MEMBER
INTERNATIONAL/REGIONAL RELATIONS
CHALLENGES

1. BSB FORMULATES STANDARDS BUT CERTIFICATION FOR FARM MACHINERIES MAY NOT BE POSSIBLE FOR EXISTING BSB CERTIFICATION SYSTEM.

2. NEED TO DISCUSS CLEARLY WHO OR WHICH AGENCY WILL TAKE THE ROLE OF NATIONAL DESIGNATED AGENCIES. THIS MAY NEED CLEAR DISCUSSION AND DECISION FOR BHUTAN.

3. BHUTAN MAY NOT HAVE ADEQUATE INFRASTRUCTURE TO DO FULL TESTING UNDER THE ACCREDITATION FOR NOW.

4. NEED INFRASTRUCTURE (LABORATORY & BUILDING) UPGRADATION TO PARTICIPATE IN THE ACCREDITATION OF TESTING FACILITIES.

5. NEED CAPACITY BUILDING FOR PERSONNEL TO DO FULL TESTING AND PARTICIPATE IN THE ACCREDITATION SYSTEM.

6. LACK OF FUNDING MAY HINDER THE CAPACITY BUILDING AND CONSULTATION FOR FRUITFUL MRA SIGNING FOR BHUTAN.
1. TO ENDORSE THE ESTABLISHMENT OF MRA BSB WILL NEED TO SEEK GUIDANCE AND APPROVAL FROM THE ROYAL GOVERNMENT OF BHUTAN.

2. MRA CLAUSES NEED A PROPER DISCUSSION AND APPROVAL FROM HIGHER AUTHORITY AND RELEVANT STAKEHOLDERS FOR BHUTAN.

3. BSB WILL TAKE PART IN THE TECHNICAL WORKING GROUP/s, EXPERT GROUP/s AND TASK FORCE/s BUT MAY HAVE TO SEEK FUNDING SUPPORT TO PARTICIPATE IN ALL THOSE ACTIVITIES.

4. CONSIDERING THE SPECIFIC COUNTRY NEEDS AND CHALLENGES MAY HELP ACHIEVE THE MRA INTENDED GOAL OR RESULTS FOR ANTAM MEMBERS.

5. DRAFTING A WORK PLAN MAY HELP GUIDE EACH COUNTRY TO COME CLOSER TO SIGNING THE MRA SOONER.
THANK YOU