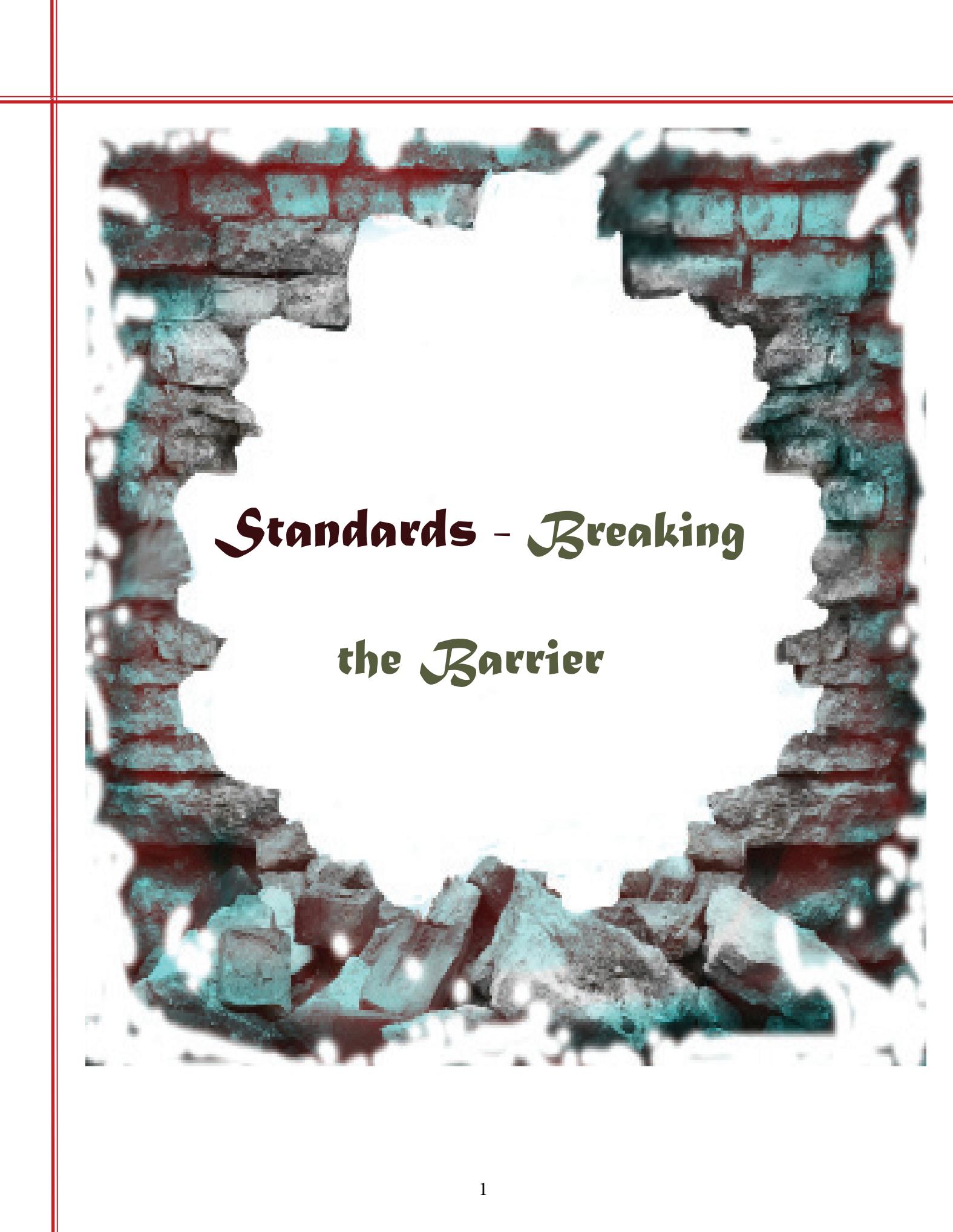




# annual report 2017

## Standards Build Trust





# Standards - Breaking the Barrier

# PROFILE

## Vision Statement

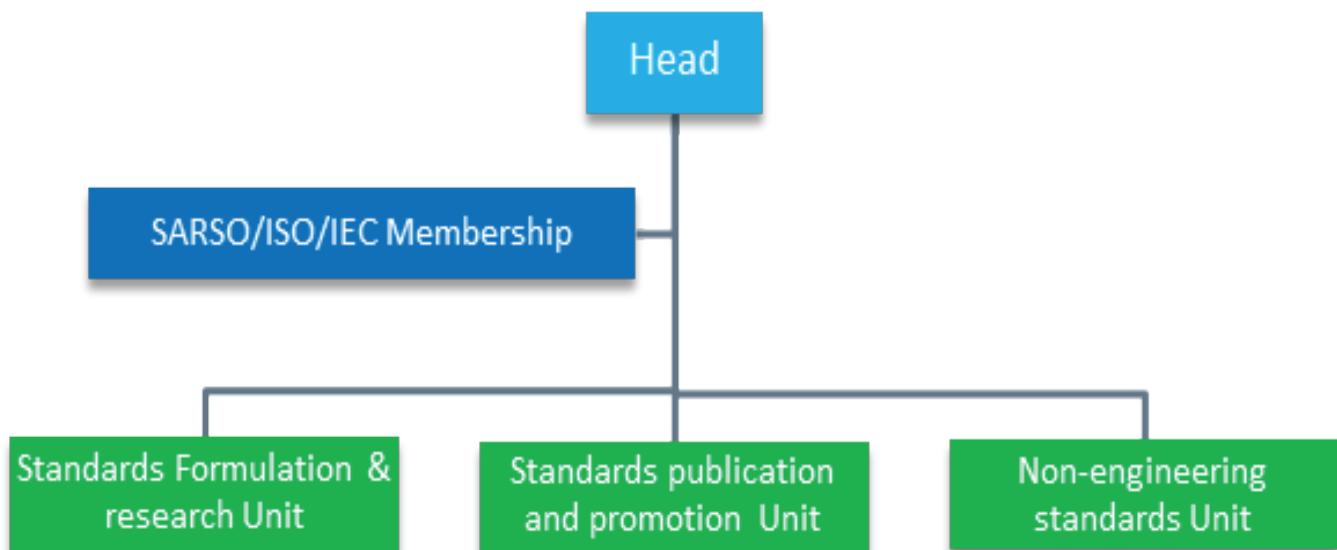
'To be the center of excellence in Standards, Metrology and Conformity Assessment services'

## Mission

'To promote and provide market relevant Standards, Metrology and internationally recognized Conformity Assessment services for industry, commerce, government and the society'

## Standardization Division Mandates & Organogram

1. Develop national standards and facilitate their implementation;
2. Promote quality and standardization;
3. Oversee the implementation of Regional and International Trade Agreement related to standards and Technical Barriers to Trade; and
4. Carry out such other mandate related to standardization and quality control including monitoring as may be assigned by the Royal Government.



## TABLE OF CONTENTS

# Contents

Message	4-5
Year Highlights	6-13
Yearend Stats	14-15
Technical Committee Members	17
List of Standards	18
Editorial Team	19
Annexure	21-31

# MESSAGE

## STANDARDS BUILDS TRUST

**Bhutan Standards Bureau wish to express appreciation to all the Chairman and Technical Committee members for their unwavering support and commitment to the standards formulation.**

**We also thank the other members of the various technical committees who have contributed through working groups and also in providing the valuable inputs to the standards formulation process.**

**We look forward to their kind support and cooperation again in future.**

**Management**

**Bhutan Standards Bureau**

# MESSAGE

## Message from Standardization Division



This year-end report presents an opportunity to thank all the technical committee members who have contributed immensely to our standardization activities. Also, the member secretaries to the technical committees have contributed equally to the success of this year's activities. Standardization Division (SD) is one of the four divisions in Bhutan Standards Bureau and provides services in areas of standardization and developing the standards as per the provisions of Bhutan Standards Act 2010.

The division is headed by Chief Engineer and the member secretaries' who facilitated the development of standards. The division currently has nine Technical committees (TC) to task on development of standards.

SD draws in ideas from international and regional esteemed organizations such as ISO, IEC, ASTM and SARSO. Standards are developed based on the generic internationally accepted protocol and all standards are voluntary in nature. Besides development of standards, SD carries out awareness programs and field visits to comprehend the ground reality for the development of standards.

This year marks the transition to the 12th FYP with various meetings being initiated to develop the 12 FYP activities. Standardization division has also participated in this process and strives to put standards into the forefront of all activities for the 12 FYP.

We have also achieved our Annual Performance Targets and delivered more than what was expected from our division. Most notably being the Standards Mapping exercise and study on standards implementation in Bhutan. These two studies will enable our Technical committees in the near future in prioritization of standards formulation. This annual report covers the activities carried out in the financial year of 2016-2017.

We solicit all your cooperation in the standards formulation activities in the coming years.

Thank you

**Tshering Tashi**

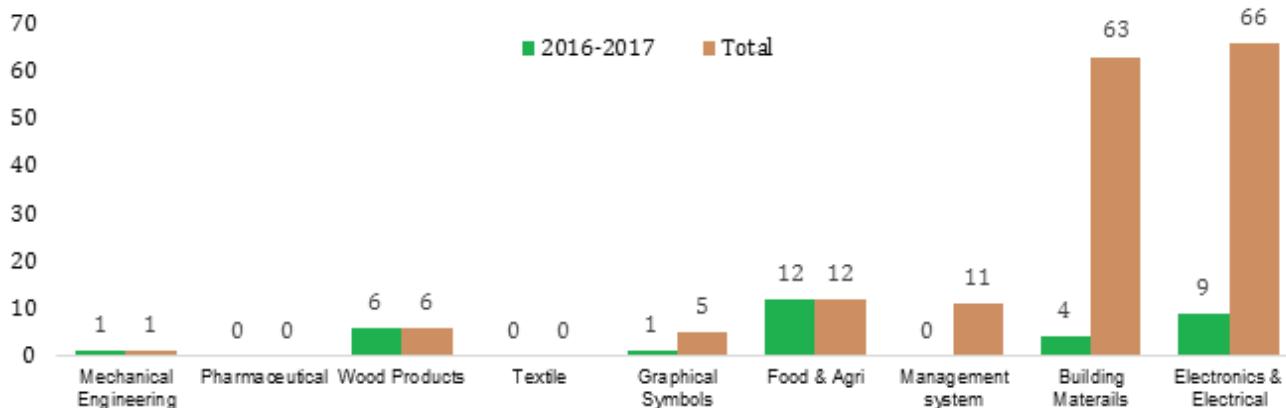
**Cheif Engineer/ Head**

**Standardization division**

# YEAR HIGHLIGHTS

## 1. 33 Standards adopted as Bhutan Standards

A total of 33 standards were adopted in this fiscal year, bringing the total number of Bhutan Standards to 164.



## 2. Standards Day

World Standards Day was observed on 14th Oct by showcasing the BSB profile video on the national broadcaster BBS TV. In print media, an infographic poster with the theme “Standards Build Trust”.

**Standards Build Trust**  
World Standards Day  
14th Oct 2016

**WHAT is Standard?**

“Standard is a document that provides requirements, specifications, guidelines or characteristics that can be used consistently to ensure that materials, products, processes and services are fit for their purpose.”

**Do you need a standard?**  
contact us:  
Bhutan Standards Bureau  
Ring Lam, Thimphu (32365) Bhutan  
Tel: (986) +975-2-322486/ 322384  
Fax: +975-2-338298 / 323752  
Website: [www.bsb.gov.bt](http://www.bsb.gov.bt)

**Standards in Action**

**Increase efficiency**   
SDGs & GNH standards help government and organisations do just that, for the environment, economy and society.

**Safety**   
Service standards will ensure transparency and comparability of services, promote reliability and effectiveness as well as improve efficiency and quality.

**Trust**   
Access to health services, quality care, and safe medical practices and equipment is a basic human right. Standards help to improve health-related products and services, ranging from dentistry to medical devices, and health informatics to traditional medicines.

**Increase income**   
Food standards create confidence in the products we eat or drink by ensuring the everyone uses the same recipe when it comes to quality, safety and efficiency and services, ranging from dentistry to medical devices, and health informatics to traditional medicines.

**Protect Environment**   
Energy & Renewables: Reducing energy consumption and the dependency on fossil fuels is a major challenge. Standards can help solve the energy challenge by increasing energy efficiency and promoting the development of renewable energy technologies.   
Business: Standards help industries and business organisations develop quality products that are safe for consumers and meet consumer expectations.   
Environment: Standards help tackle climate change, with requirements for measuring greenhouse gas emissions and verifying claims made about them, as well as standards that focus on environmental and energy management.

# Connecting Bhutan

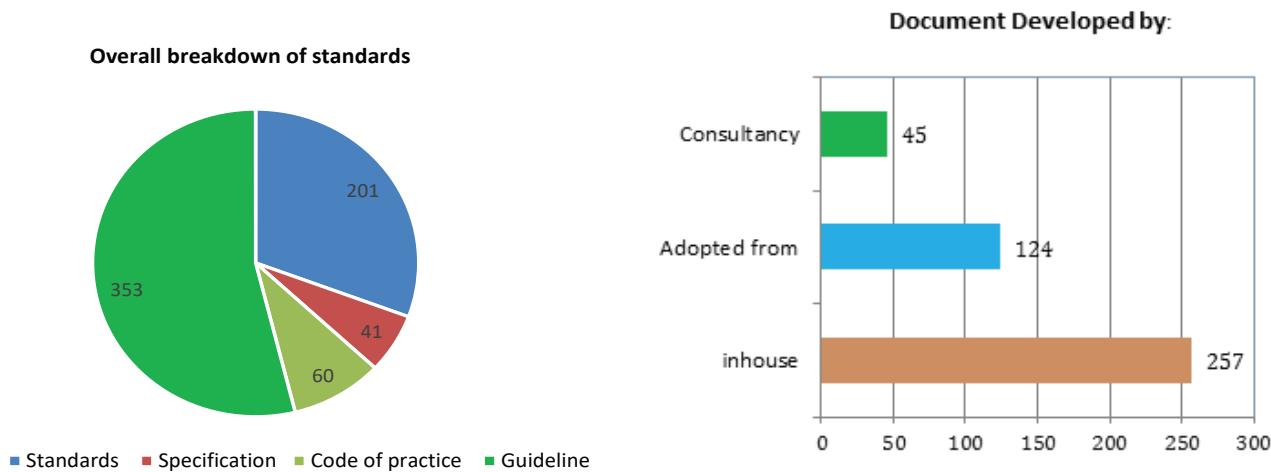


## With Standards

# YEAR HIGHLIGHTS

## 3. Standards Mapping Exercise

A standards mapping exercise was conducted to map out the current standards that are in use in all the government, public sector and other agencies. A total of 661 standards were found to be in existence spread out across government and corporate agencies. Significant Number of standards were found to be in use in the Hydropower sector which contributes heavily to our GDP. It was also found that some agencies do not have a single standard.



## 4. Standards Harmonization Workshop

To harmonize the standardization process, a one day workshop with key stakeholders was conducted. The meeting was chaired by the Member of Parliament Mr.Ritu Raj, who is the head of the National Law Review Task Force. The meeting aimed to harmonize the various acts which were enacted both before and after the Bhutan Standards Act 2010. It is envisaged that the meeting outcome would create awareness amongst various agencies on the importance of having BSB formulate the national standards in Bhutan.

## 5. SEK Twinning program assistance from IEC

Bhutan is an Affiliate Member to IEC. As affiliate member, we received twinning program assistance from Swedish Technical Commission, Sweden. This resulted in a two day workshop being conducted in Thimphu for the national electrical technical committee. Participants were trained on standards prioritization and way forward for our nascent electrical technical committee and also the electrical laboratory.

# YEAR HIGHLIGHTS



SEK experts delivering the two days workshop session at BSB conference hall