



# BHUTAN



**Tashi Wangchuk**





# Export potential, GNH impact and socioeconomic impact by sector (Ref: National Export Strategy, MoEA 2012)

#	Sector	Exports in value (\$ million)	Share in export (%)	Export Potential
1.	Hydropower	226	34	High
2.	Base metals and articles of base metal	214	32	High
3.	Minerals	55	8	High
4.	Chemical products	37	5	High
5.	Tourism	36	5	High
6.	Oranges	7	1	Medium
7.	Cardamoms	5	0.7	Medium
8.	Potatoes	4-6	0.6	Medium
9.	Apples	2.5	0.3	Medium
10.	Agro product	2.3	0.3	Medium
11.	Cordyceps	1	0.1	Medium
12.	Handicrafts	0.1	<0.1	Low
13.	Red Rice	0.14	<0.1	Low
14.	Matsutake	0.07	<0.1	Low
15.	Lemon grass	0.04	<0.1	Low
16.	Hand Made Paper	0.006	<0.1	Low
17.	IT Services	0	<0.1	Medium
18.	Education Services	0	<0.1	Low
19.	Health Services	0	<0.1	Low

# INSTITUTIONAL BASIS – National Legislation

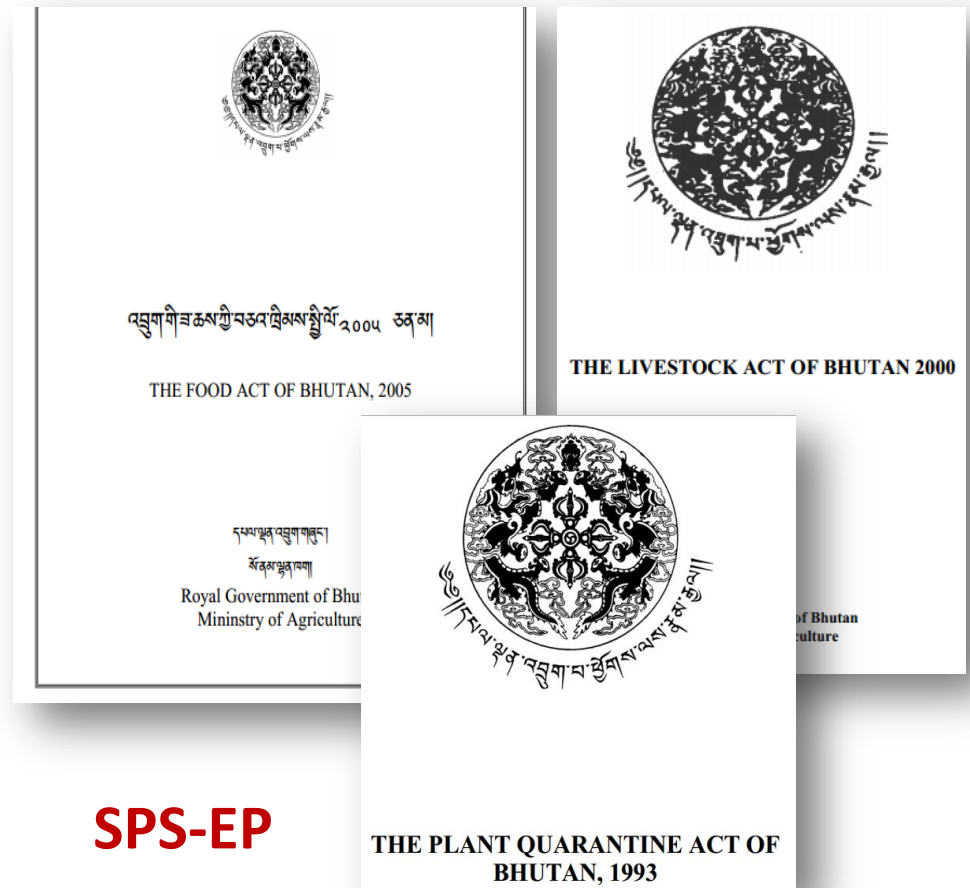
## BHUTAN STANDARDS ACT 2010



TBT-EP

## ACTS

### Bhutan Agriculture & Food Regulatory Authority Food (BAFRA)



SPS-EP



# REGULATIONS under the ACT

## **Bhutan Agriculture & Food Regulatory Authority:**

- ✓ **Plant Quarantine Rules and Regulations 2003**
- ✓ **Food Act Rules & Regulations 2007**
- ✓ **Livestock Rules and Regulations 2008**

## **Bhutan Standards Bureau:**

- ✓ **Product Brand Approval Scheme 2010**
- ✓ **Certification Rules and Regulations 2014**

# National Quality Infrastructure - BSB

STANDARDIZATION

MEASUREMENT  
STANDARDS

CERTIFICATION  
(Product &  
Mgmt. System)

ACCREDITATION

International



Regional



National



MoU with NABL &  
NABCB



Standardization  
Division



National Metrology Laboratory

Certification  
Division

NAFP

BHUTAN STANDARDS BUREAU

# International Membership (Others)

## CODEX Alimentarius Commission (CODEX)



Bhutan Agriculture and Food Regulatory Authority (BAFRA),  
Ministry of Agriculture & Forests – *National Codex Contact Point*  
*National Codex Committee* - Established

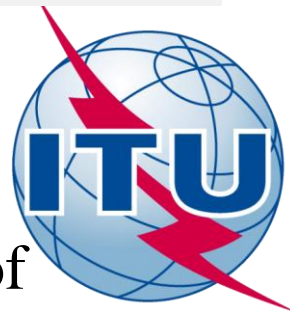
## International Plant Protection Convention

Bhutan Agriculture and Food Regulatory Authority  
(BAFRA),



## International Telecommunication Union (ITU)

Bhutan Inforcomm & Media Authority (BICMA), Ministry of  
Information & Communications



# Accreditation System in Bhutan

## Status of Accreditation system in BHUTAN:

**National Accreditation Focal Point (NAFP)**  
(under the SAARC-PTB cooperation)

- To facilitate accreditation of Testing, Calibration Laboratories, Certification and Inspection bodies.

*Identified Accreditation Bodies:*

**NABCB & NABL, India**





# ACCREDITATION STATUS in Bhutan

## 1. Accreditation of National Metrology Laboratory (BSB) in the following parameters:

1. Mass
2. Length



## 2. National Food Testing Laboratory under BAFRA, MoA&F

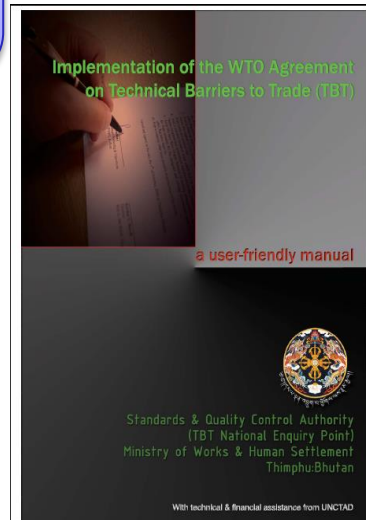
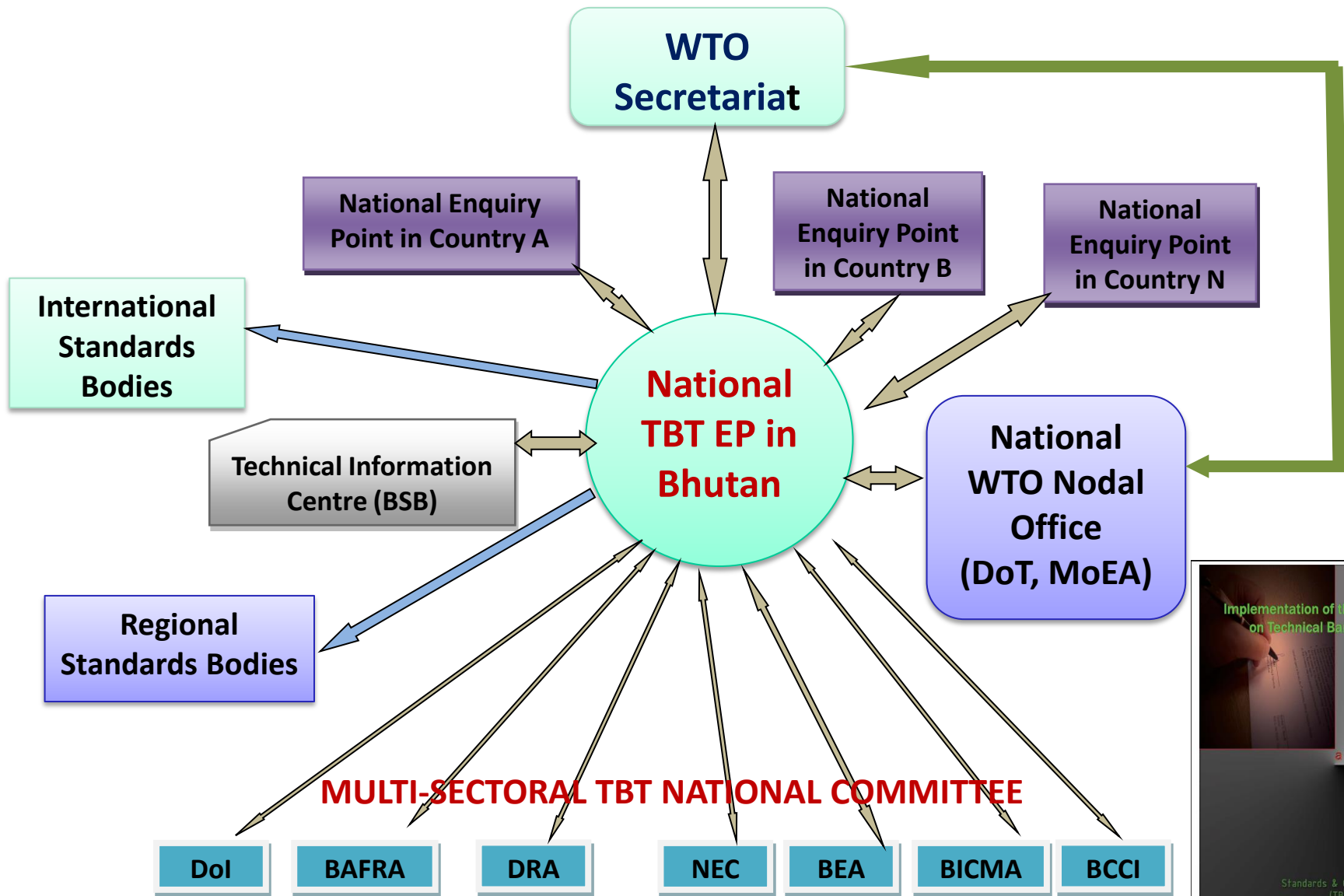
1. Microbiology
2. Chemistry



# Accreditation under process

- 1. Product Certification Body -----  
from NABCB, India**
- 2. Product Testing Laboratory -----  
From NABL, India**
- 3. National Metrology Laboratory -----  
Volume, Pressure and Temperature  
From NABL, India**

# COORDINATION MECHANISM (TBT)





# Coordination Mechanism (TBT & SPS)

## **National Trade Facilitation Committee (NTFC):**

- Provide a common platform for major stakeholders in trade to identify regulatory, procedural, policy and institutional constraints on making trade more efficient;
- Serve as a forum for coordination and discussion of matters relating to trade facilitation;
- Provide a forum for trade-related information, and the application of information and communication technology (ICT) to trade facilitation;

# Coordination Mechanism

## MEMBERS:

- ✓ Ministry of Finance (MoF)
- ✓ Director, Department of Trade (DoT), Ministry of Economic Affairs
- ✓ Director, Department of Revenue and Customs (DRC), MoF
- ✓ Director, Department of Immigration (DoI), Ministry of Home and Cultural Affairs (MoHCA)
- ✓ Director General, Bhutan Standard Bureau (BSB)
- ✓ Executive Director, Bhutan Agriculture and Food Regulatory Authority (BAFRA), Ministry of Agriculture and Forests (MoAF)
- ✓ Deputy Governor, Royal Monetary Authority (RMA)
- ✓ Secretary General, Bhutan Chamber of Commerce and Industries (BCCI)

# PRODUCTS REGULATED

## **Food & Agricultural Sector (BAFRA):**

- Processed (frozen) Meat Items, Animal feeds**
- Based on GMP and GHP**

## **Non Agricultural (Engineering) - BSB: The mandatory list of products requiring BSB certification are:**

- ***Reinforcement Steel bars***
- ***Cement***
- ***Water supply pipes and fittings***
- ***CGI sheets***
- ***Water storage tanks***
- ***Red bricks, concrete and stabilized soil-cement blocks***
- ***Switchgears & control gears***
- ***Wires & Cables***
- ***Electrical switches and fittings***
- ***Water heaters***



# **BASIS OF REGULATING STANDARDS**

## **1. Food & Agricultural Sector - BAFRA:**

- GMP AND GHP**
- CODEX**

## **2. Non Agricultural (Engineering) – BSB:**

- ✓ ISO**
- ✓ IEC**
- ✓ SARSO**
- ✓ BUREAU OF INDIAN STANDARDS (BIS) STANDARDS**

# CONSTRAINTS AND CHALLENGES

- **No Systematic Monitoring system;**
- **Porous Border;**
- **Human Resource Capacity;**
- **Lack of coordination among Regulatory Agencies;**
- **Lack of awareness on Standardization, Metrology and Conformity Assessment;**
- **Acceptance of Conformity Assessment results; (absence of Accredited CA bodies)**

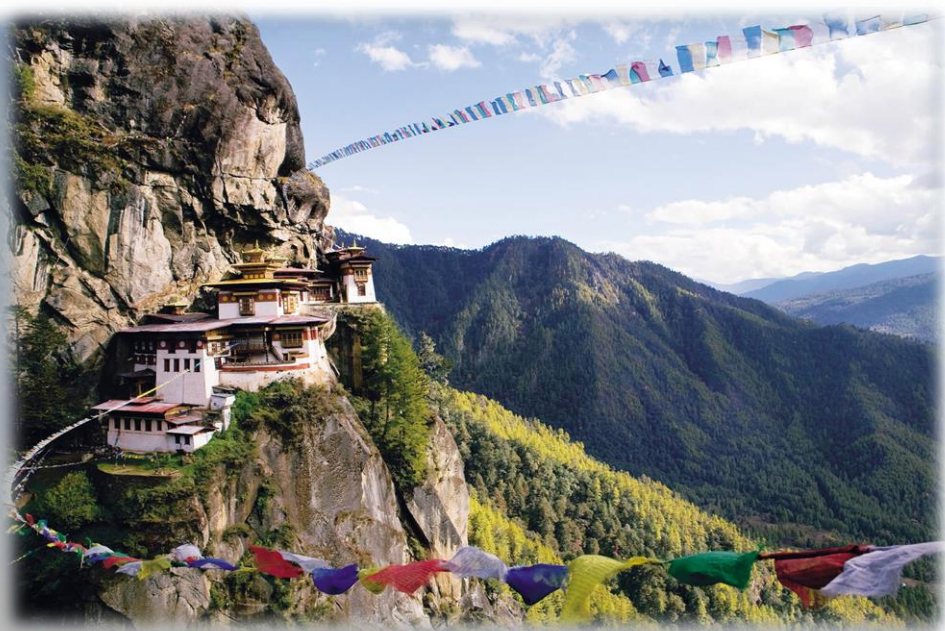
# RECOMMENDATIONS – SPS/TBT

- **Adopt/develop Standards for the recommended list of products (list to be reviewed);**
- **Need for Diagnostic study on SPS/TBT;**
- **Formally establish SASEC Subgroup on SPS/TBT;**
- **Establish formal link between SASEC and SARSO (SPS/TBT issues);**
- **Recommends SAARC to facilitate ratification of MARCA (SAARC agreement on Multilateral Arrangement on Recognition of Conformity Assessment) by all members;**
- **Endorse the ToR on National & Regional Diagnostic Study;**



# CRITICAL NEEDS – ADB INTERVENTION

- **Technical Competency Development:**
  - Development & writing of Standards & Technical Regulations
  - ISO/IEC 17025
- **A National Workshop on SPS (Sanitary and Phyto-sanitary) TBT (Technical Barriers to Trade) Measures;**
- **Feasibility study for setting up a Trade Portal in the Department of Trade;**
- **A National Workshop on Sensitization of NTFC for Senior Officials;**



**THANK YOU  
FOR YOUR KIND ATTENTION....**