

# **STANDARDS MAPPING EXERCISE 2016**

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# Outline

- ❑ Mapping Exercise and findings
- ❑ National Standards (Number, Sector, regional )
- ❑ Econometrics of standards
- ❑ Standards No. by GNH Domains & forgone benefits of standards
- ❑ Trade and Standards



# OBJECTIVES

- Get a comprehensive list/number of standards specifications, code of practices and guidelines existing in Bhutan.
- Use data for National Standards development & prioritization
- Assess the Standards gaps in different sector agencies



# METHODOLOGY

- Data collected from **all agencies**
- **Formal letter** was shared to all the agencies to share us the documents
- Documents list collected both in **soft and hard copies.**
- Some collected from **websites.**

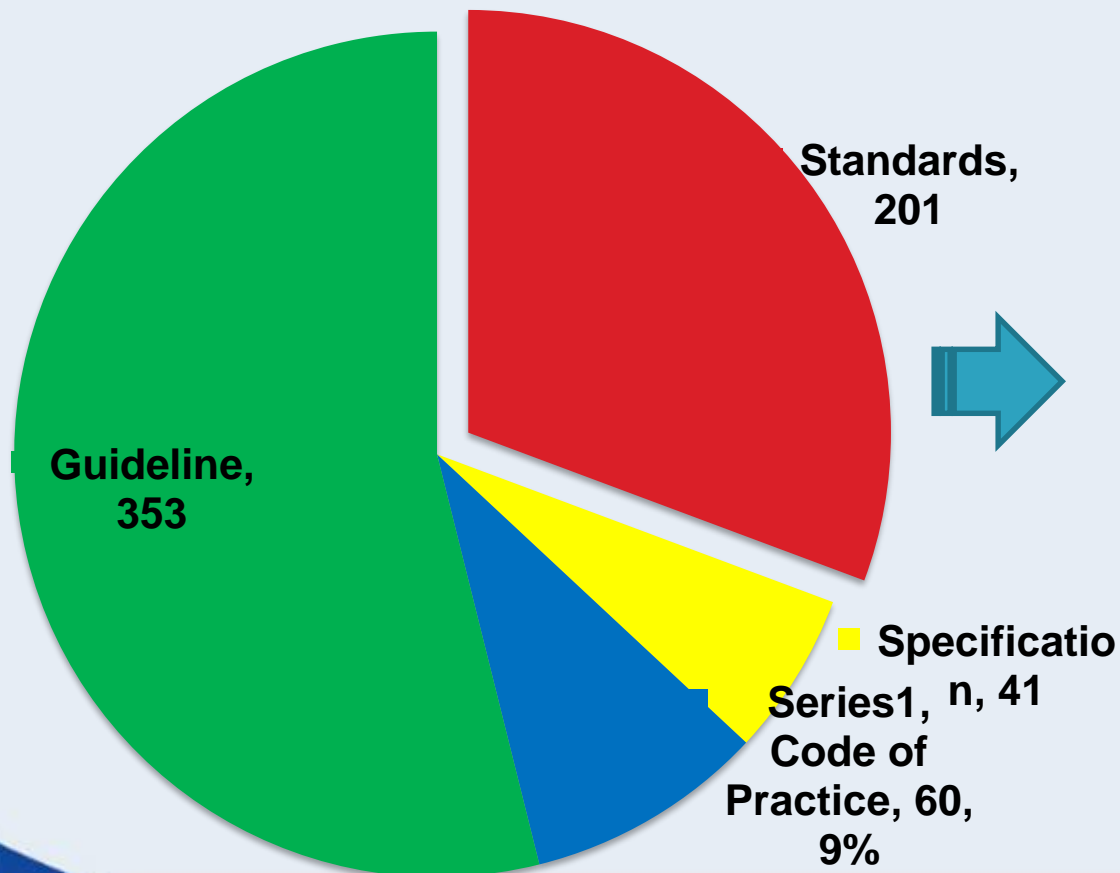


# DATA SOURCES

- + Ministries : 10
- + Autonomous agencies : 19
- + CSOs : 1
- + Private sector : 2
- + Hydropower sector : 4



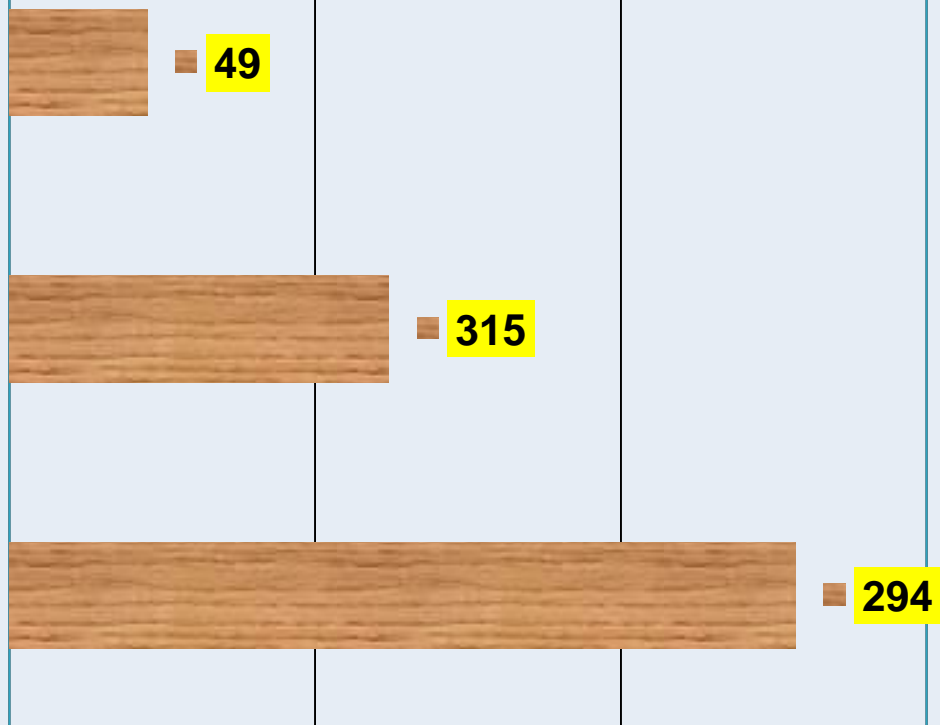
# Overall breakdown of documents



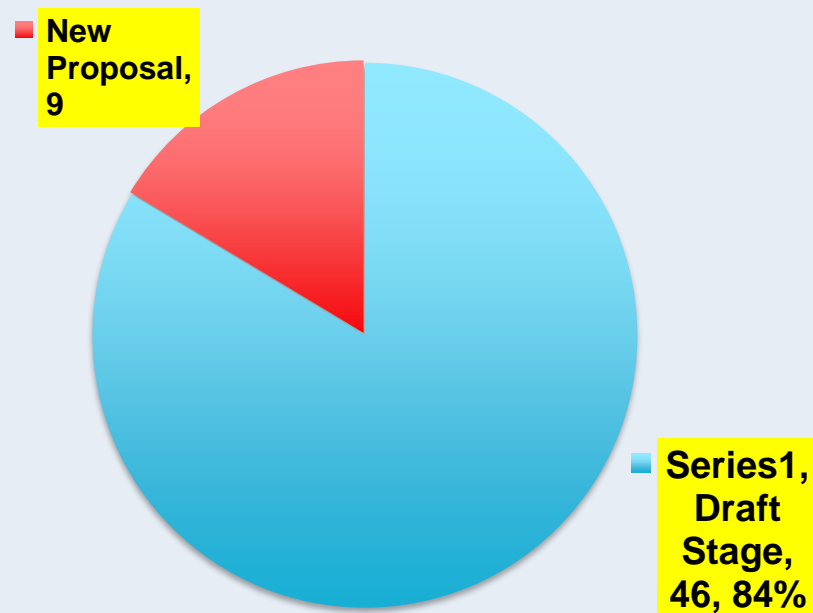
295  
“National”



## Document Developed by:



## Status of new Documents

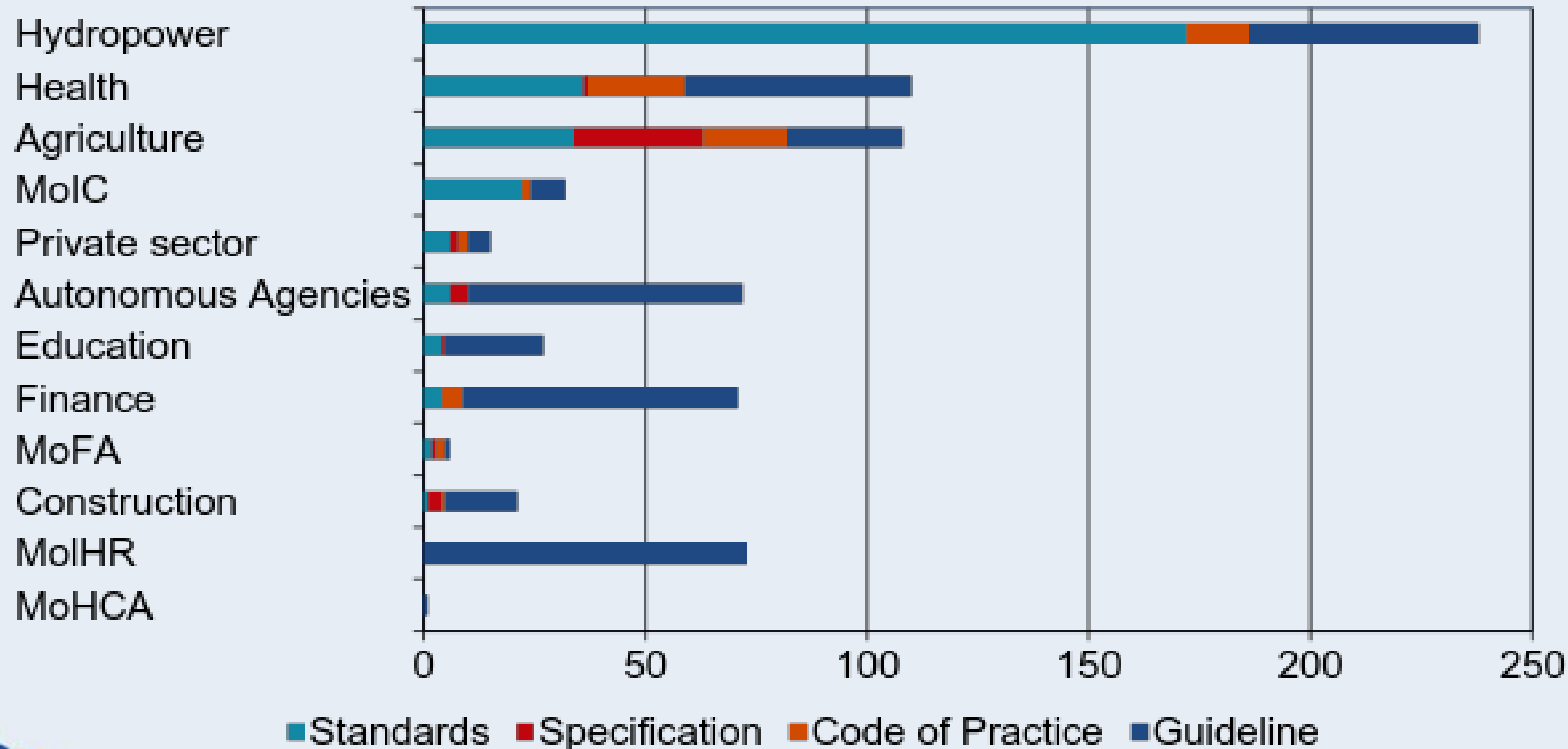


Guideline					Standards				Health				
MolHR	Finance				Hydropower				Agriculture				
Autonomous Agencies				MolC					Auto nom ou...		Priva te sec...		
									Fin an ce		Educ...		
Hydropower				Code of Practice				Hydropower		Specification		Auton om...	
												Con...	
												P... M	
Health				Agricultur e		Fina nce		M... C		Agriculture		E H...	
												M...	





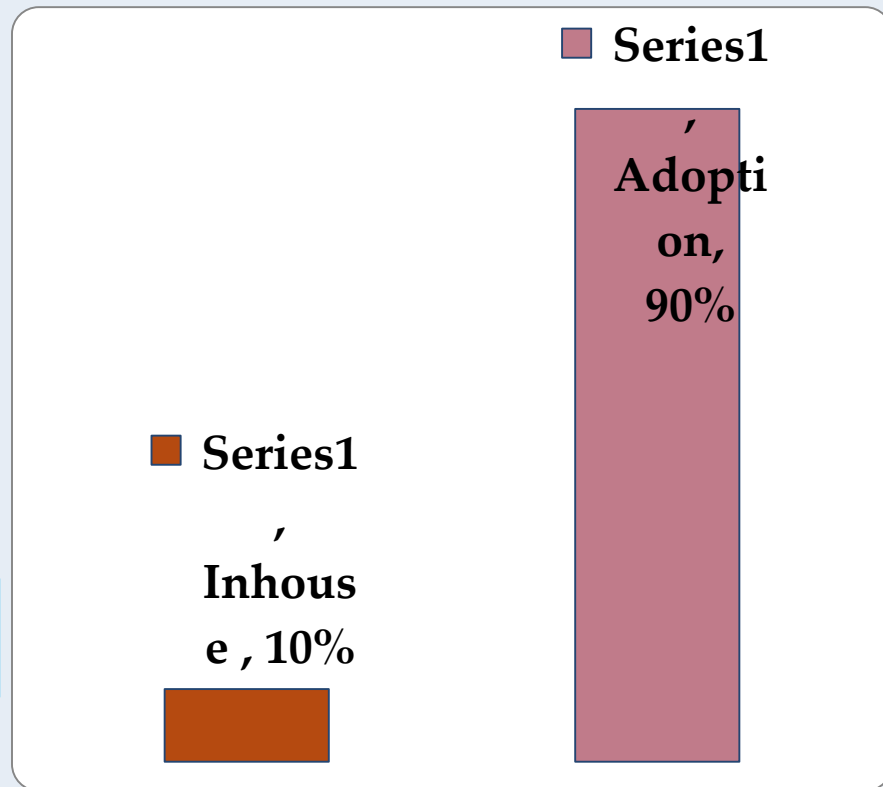
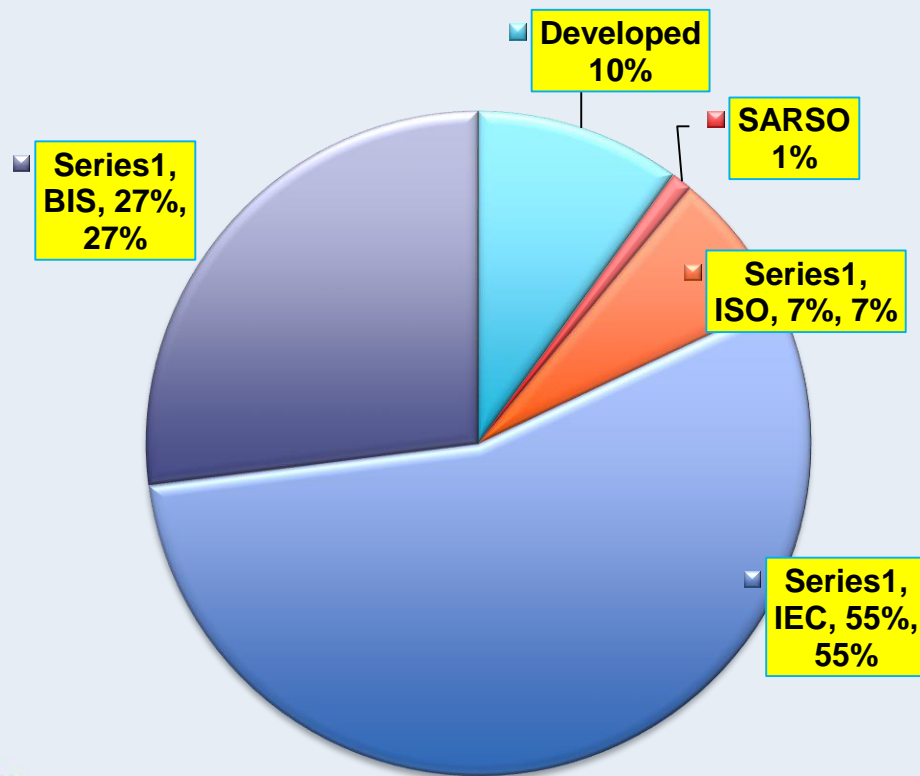
## Document types by Sectors



# **BTS- Bhutan National Standards**

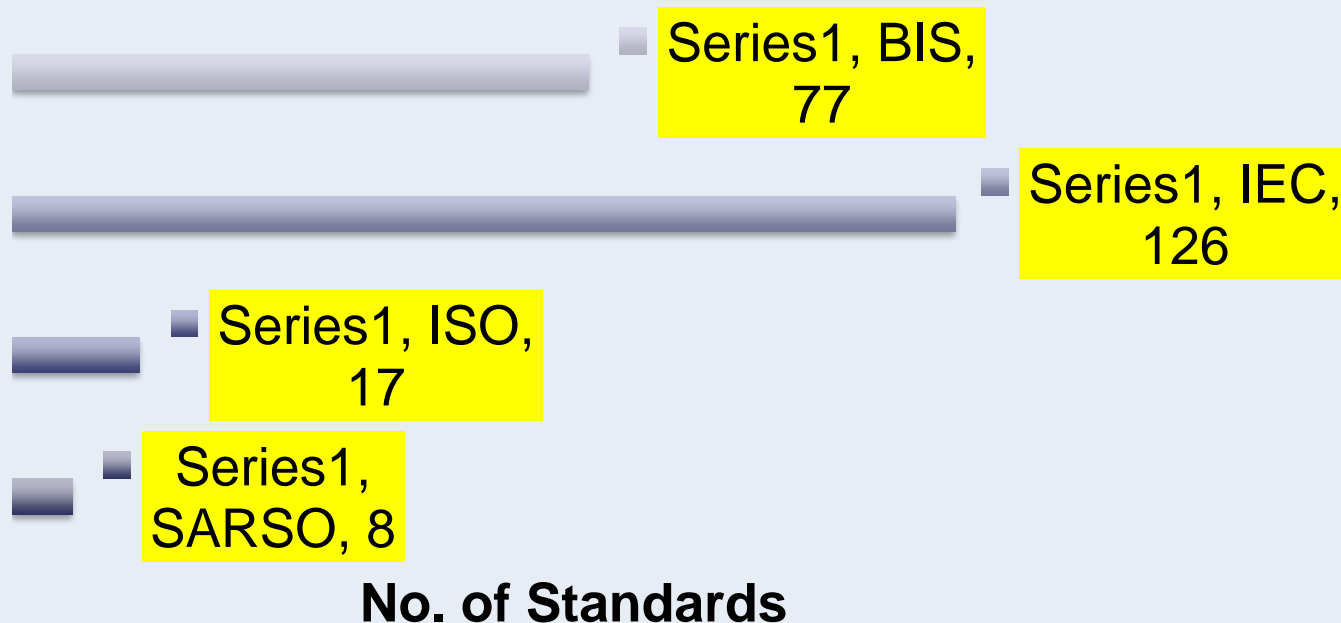


# Composition of National Standards (BTS)

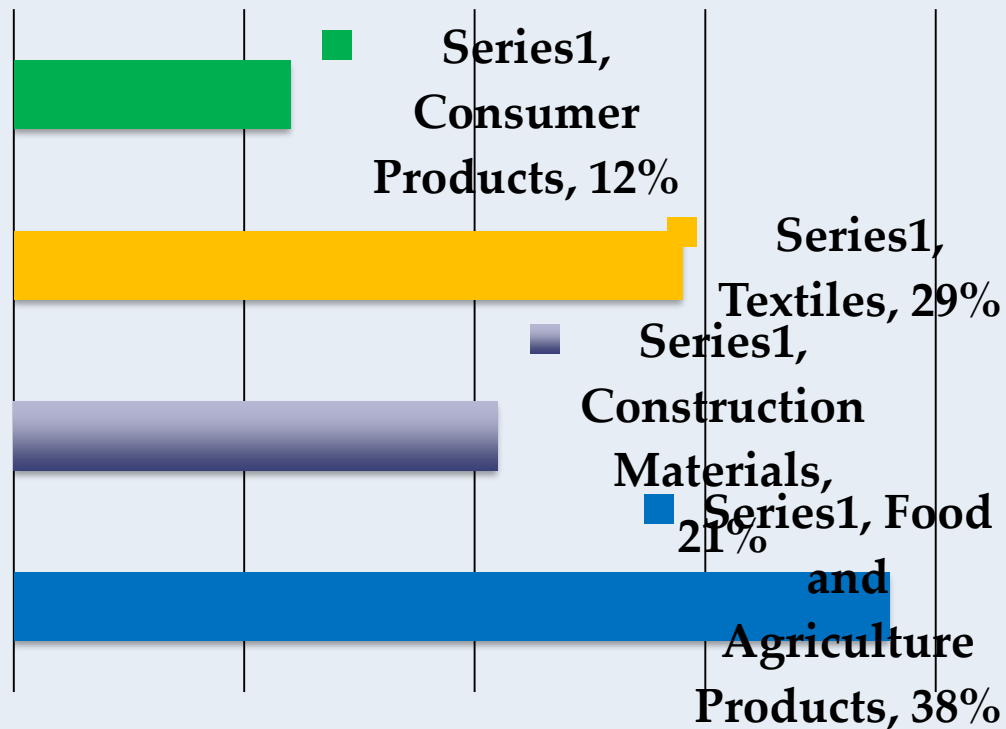


# Breakdown of **adopted** National Standards (BTS) - 228

Standards bodies



# Sector wise composition of SARSO Standards



# Econometrics of Standards

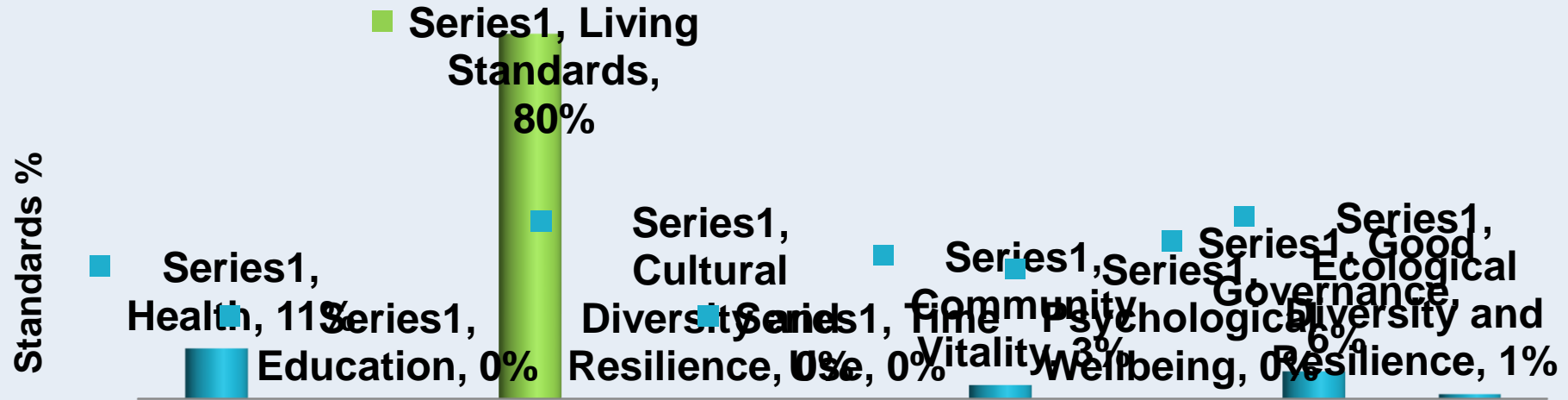
**Trend showing average GDP and Standards development across the sector ( 11<sup>th</sup> FYP)**



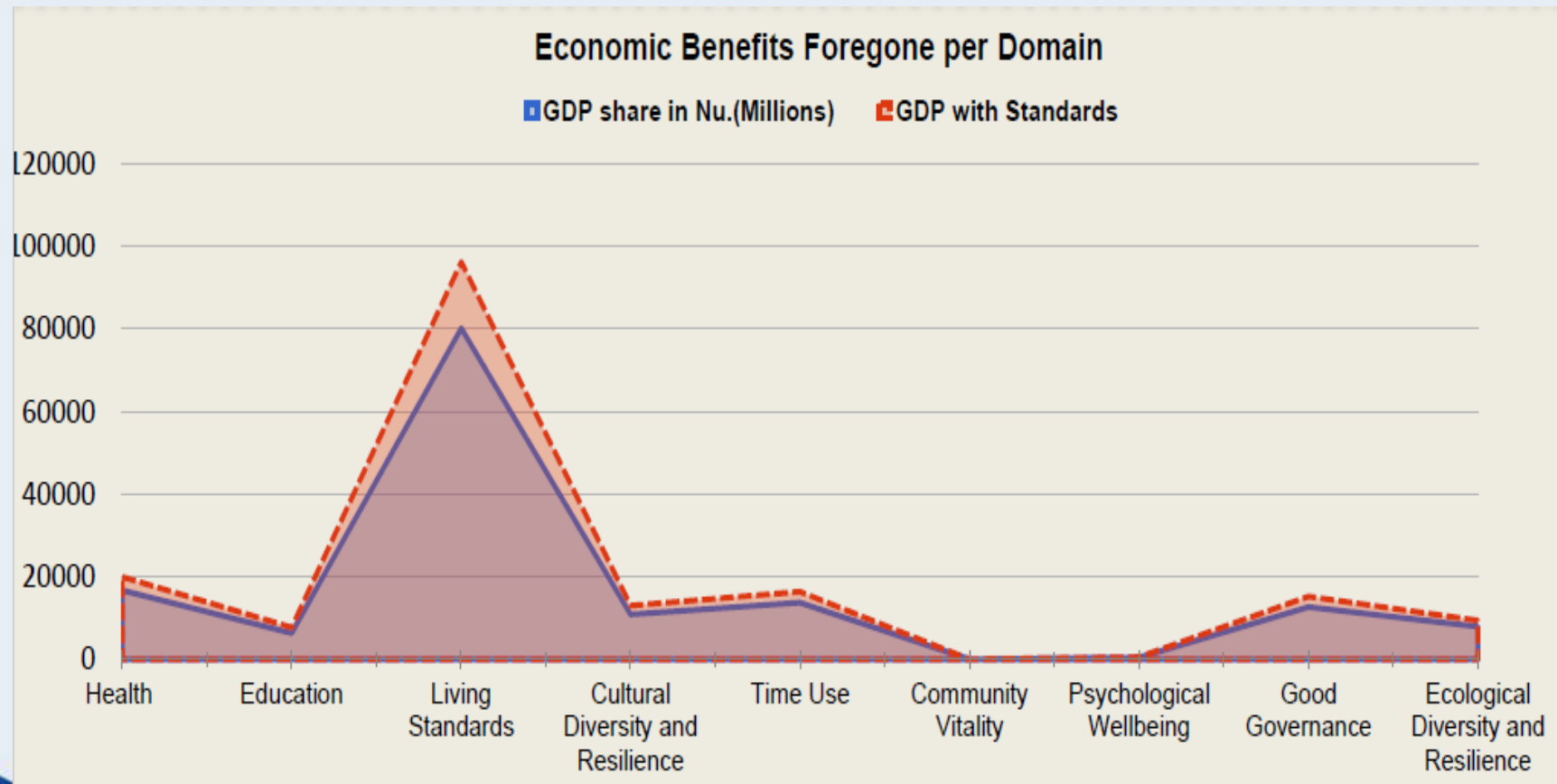
Source : Statistical Year Book (2017) and Standards Mapping



# Standards Composition to Domains



# Forgone benefits of standards





# Trade and Standards

## Top 10 Imports

Commodity Description	Value in Nu. Million	Sectoral	National
Other light oils and preparations (Diesel)	5,776.53	26	18
Parts, including regulators(Hydraulic turbines and waterwheels)	4,012.10	0	0
Passenger cars	3,057.32	0	0
Motor vehicle for transport of goods (dumpers)	2,497.82	0	0
Parts (electric motors, generators and rotary converters)	2,351.76	0	0
Ferrous products obtained by direct reduction of iron ore	1,840.37	0	0
Motor spirit (gasoline) including aviation spirit(petrol)	1,755.31	0	0
Semi-milled or wholly milled rice	1,536.83	0	0
For a voltage not exceeding 1,000 V	1,057.89	0	89
Machinery with 360 degree revolving superstructure	972.18	8	9
Other commodities	42,328.80	0	0



## Top 10 Export

Commodity Description	Value in Nu. Million	Sectoral Standards	National Standards (BTS)
Ferro -silicon, containing by weight more than 55% of silicon	6,830.42	0	0
Portland Pozzolana cement	1,600.26	0	59
Cardamoms (Neither crushed nor ground)	1,342.38	0	0
Other of rectangular cross-section(semi-finished products of iron)	1,278.06	0	6
Other bars and rods of iron or non-alloy steel	1,278.06	0	0
Other bars and rods of iron or non-alloy steel	840.68	0	0
Calcium Carbide	804.78	0	0
Dolomite, not Calcined or sintered(chips)	774.93	0	0
Dolomite, not Calcined or sintered(chips)	774.93	0	0
Silicon Carbide	695.28	0	0
Dolomite, not Calcined or sintered(lumps & slabs)	684.77	0	0
Other (Potatoes)	542.49	0	1

Annual Trade Statistics Report 2016





**THANK YOU FOR KIND  
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