

National Policy of Standardization and Conformity Assessment

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Africa-Asia Pacific joint NSS webinar, Sept 3rd 2020

Flashback to the 2015-2025 National Standardization Strategy

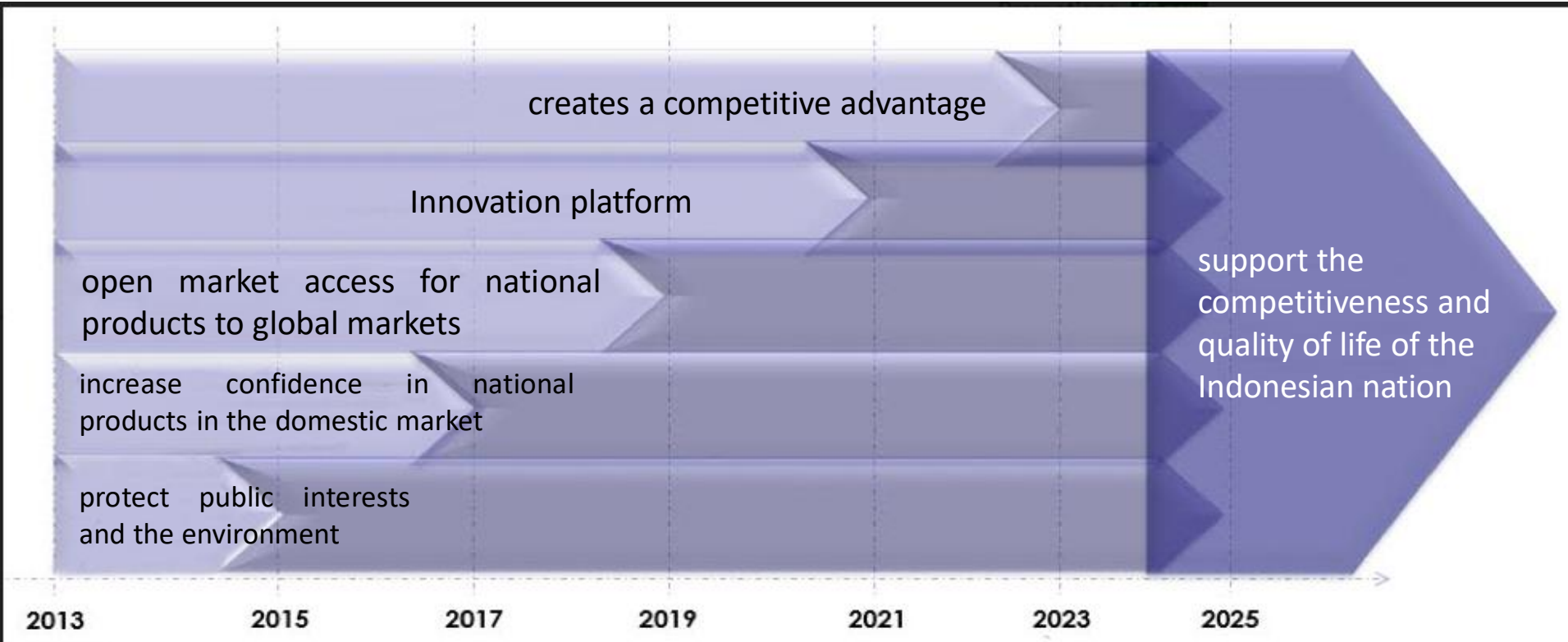
Vission

- the national standardization system supports the nation's competitiveness and quality of life

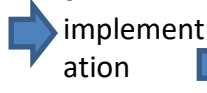
Mission

1. realizing a national standardization system to protect public safety, security and health as well as environmental preservation
2. realizing a national standardization system to increase confidence in national products in the domestic market
3. realizing a national standardization system to open access to national products to the global market
4. realizing the national standardization system as a platform for the national innovation system
5. realizing a national standardization system to increase the competitive advantage of national products

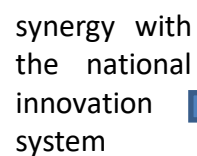
Roadmap for achieving the national standardization goals 2025



enforcement of technical regulations



ability to apply standards of export destination countries



strengthening the efficiency of the national production system

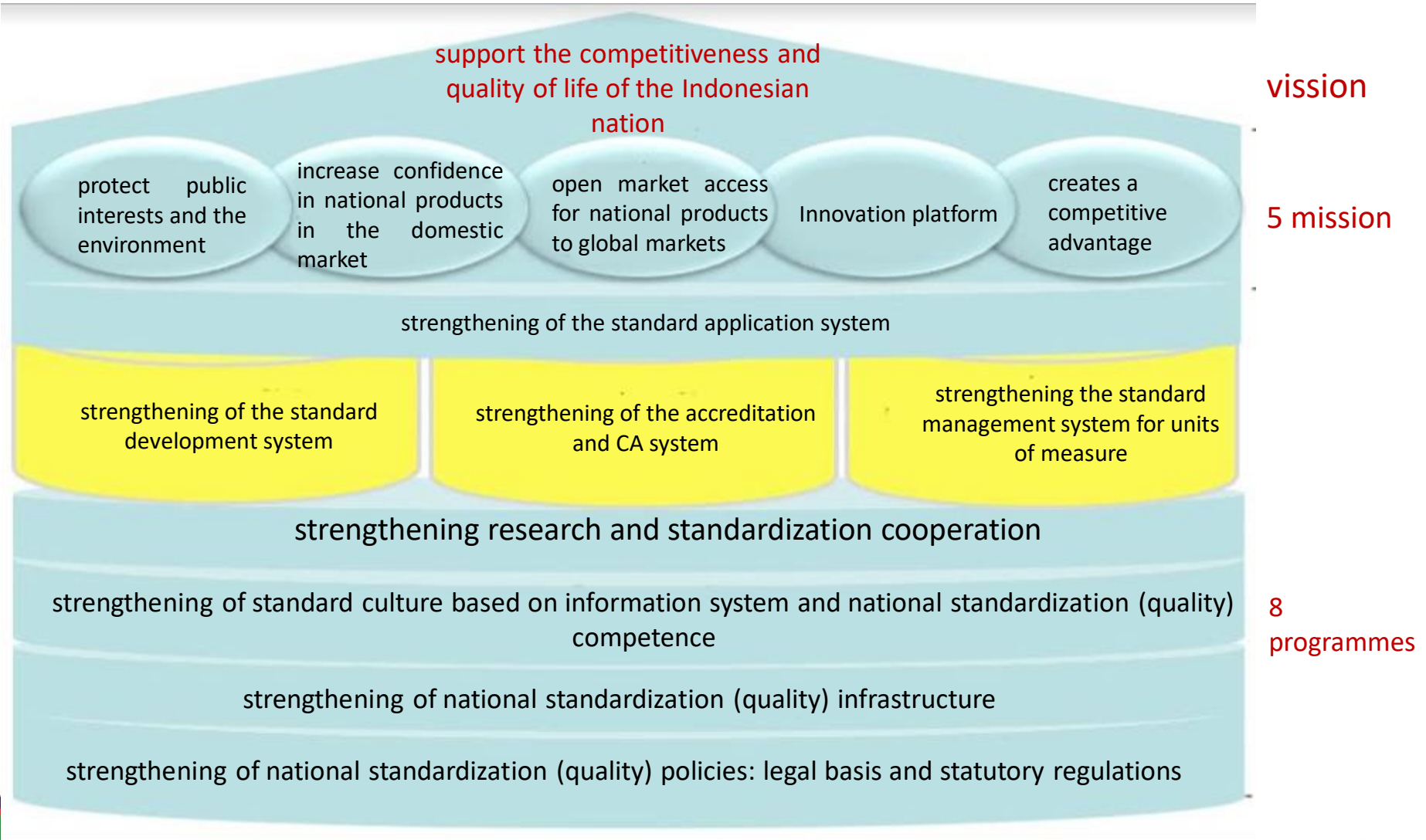
Government driven



market driven



Research and industries driven



Reformulation National Standardization and Conformity Assessment:

Quality policy and strategy

- TPPI
- Entirely private standardization system
- Private third-party based CA system

USA

Figure 1: Changing approaches to technical standardisation over time



EU

- EU – XX CEPA
- Public and private partnership standardization system
- Supplier Declaration of Conformity based CA system

- One Belt-One Road initiative

CHINA

- State controlled CA system

- State driven - controlled private participation standardization system

Transformation of GLOBAL goals and objectives from the 2015 MDGs to the 2030 SDGs



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS	SUSTAINABLE DEVELOPMENT GOALS

Another global issues

- a. the development and influence of the application the Voluntary Sustainability Standards as a “b to b” trade regulation
- b. Indonesia's position in the ASEAN community
- c. Indonesia's position in the global Halal Trade
- d. negotiations from the EU and US regarding the implementation of the Supplier Declaration of Conformity in the enforcement of technical regulations in Indonesia
- e. *Industry 4.0; Society 5.0; digital economy; circular economy*
- f. *Covid – 19 pandemic*

dynamics of changing internal conditions

- a. Post-border surveillance system
- b. Development of risk-based technical regulations in the development of the “omnibus-law”
- c. Development of service certification in various sectors
- d. Demands to be able to facilitate market access for the results of national innovation with "fast" - fast enabler
- e. Demands to be able to respond to emergencies
- f. Online single submission system
- g. Bureaucratic reform, debureaucratization
- h. etc...

VISSION:

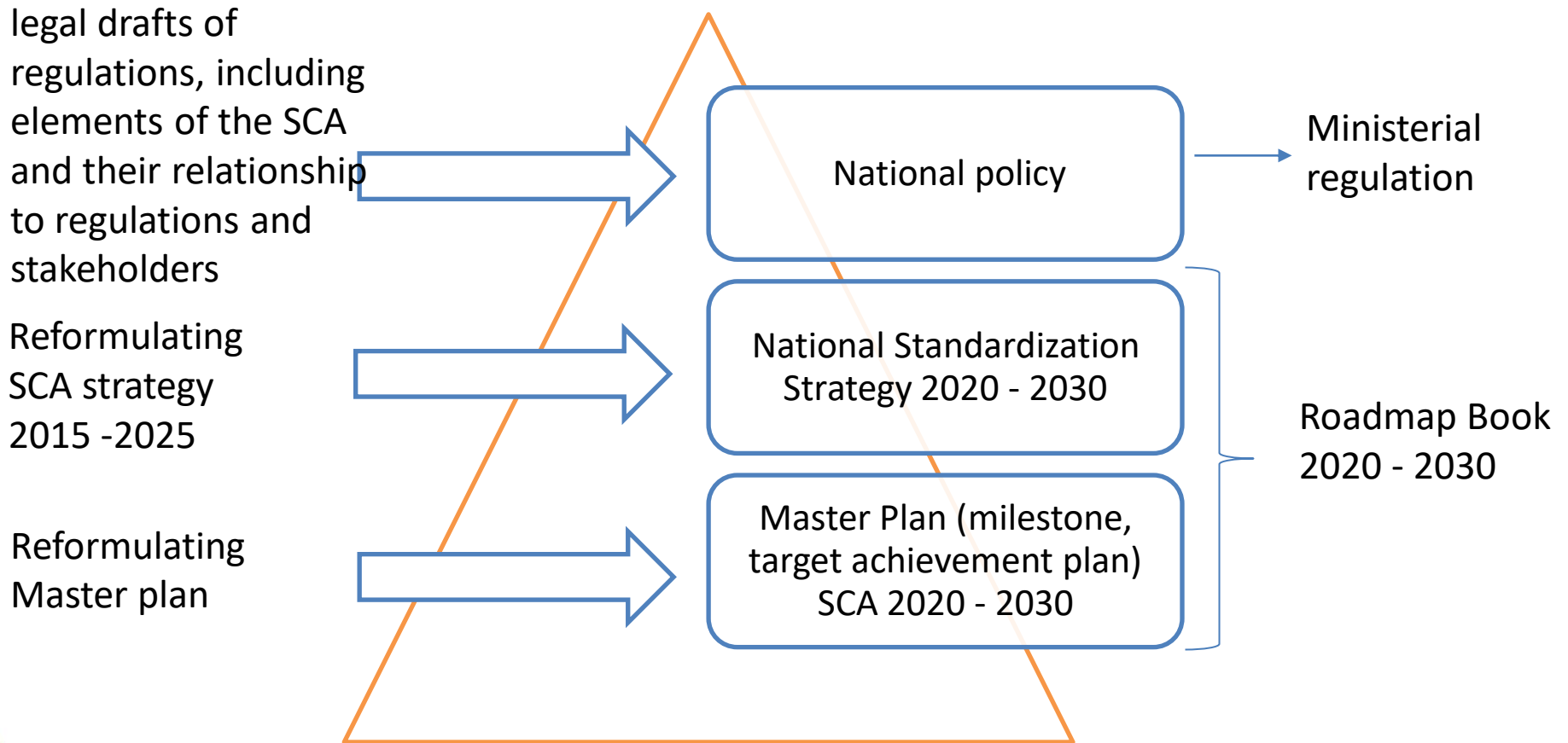
the realization of an advanced, sovereign, independent Indonesia with a personality based on mutual cooperation

MISSION:



Research activities:

Reformulation of national policy of standardization and conformity assessment



BSN National Programme Development of Roadmap

2018

potential loss is calculated based on 2 methods, namely Growth Rate (GR) and Least Square (LS).

identify the role and position of standardization and conformity assessment in factual practice in the field and analyzed using the Regulatory Impact Analysis method

2019

Comparison of developed and developing country with BSN

Opportunities, challenges and obstacles in Indonesia,

The economic benefits of applying std and CA in Indonesia using EBS

2020

Measurement of Indonesian Standardization and Conformity Assessment maturity using the QI toolkit from German PTB

Finalize the roadmap (results 2019) with the maturity results from the QI toolkit

The drafting of the national policy

Supporting:

Calculation of the effect of national SPK on GDP and the economic benefits of SPK

The draft on national Standardization and Conformity Assessment (Quality): Policy and Strategy

1. To enhance quality assurance, production efficiency, national competitiveness, fair and transparent business competition in trade, business assurance, business capability, and technology innovation
2. To enhance protection for consumers, business, employees, community, and the state, in the aspects of safety, security, health, and environment.
3. To enhance the assurance and efficiency of domestic and international trade transaction of goods and/or services

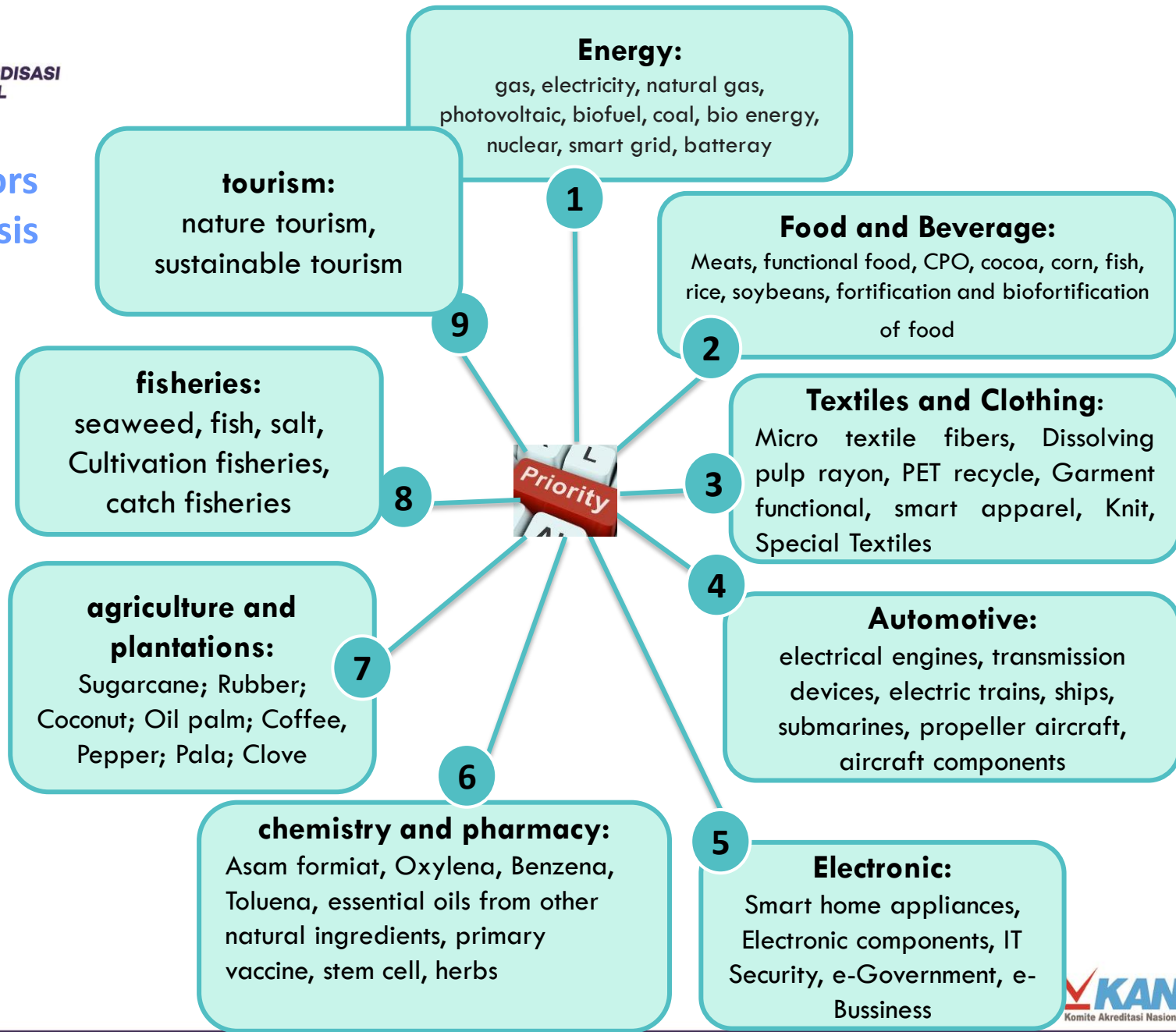
from the support system in 2015-2020 to the mainstream in 2020-2030

1. realizing public protection, environmental preservation and sustainable development
2. increase confidence in national products in the domestic market
3. improve market access as a result of national innovation
4. increase access to national products to global markets
5. increase Indonesia's competitive advantage in global competition

Priority sectors analysis

INPUT:

1. the National Medium Term Development Plan 2020 – 2024
2. National Research Master Plan 2017 – 2045
3. Indonesian industrial development master plan
4. Indonesian creative economic master plan



Policy direction of standardization and conformity assessment 2020-2030

1. Provision of qualified SNI in accordance with national development priorities
2. National Measurement Standard management is based on international standards which are developed in accordance with the needs of national development
3. Management of Accreditation for Conformity Assessment Body based on international rules which are developed in accordance with the needs of national development
4. Improvement of an Effective and efficient Standard Application and Conformity Assessment to meet the needs of stakeholders in accordance with national development priorities
5. Provision of standardization services, conformity assessment, and measurement traceability that are competent, with integrity, impartial, distributed throughout Indonesia, and in accordance with national development priorities
6. Enforcement of risk-based technical regulations in an effective and efficient manner (to provide ease of doing business for domestic business actors, especially SMEs, accelerate national innovation and provide an attractive climate for investment)
7. Increased access, participation, capacity and quality of stakeholders in the implementation of the National Standardization and Conformity Assessment policies

Policy direction 1

1. Development of SNI based on national development priorities
2. Development of SNI based on research
3. Strengthening institutional capacity and human resources in the Indonesian National Standard development system
4. Increasing national and international cooperation in the development of Indonesian National Standards

Policy direction 2

1. Development of the scope of national metrology and CMC based on national development
2. Development of national metrology management facilities and infrastructure
3. Strengthening institutional capacity and human resources in management

Policy direction 3

1. CA accreditation development based on national development priorities
2. Development of CA accreditation based on research on national and international needs
3. Strengthening the acceptance of CA accreditation in the implementation of technical regulations
4. Strengthening institutional capacity and human resources in the National accreditation system
5. Increased global recognition and acceptance of the national accreditation system

Policy direction 4

1. Development of systems and schemes for implementing SNI based on national development priorities
2. Increasing the effectiveness and efficiency of the standard application system to increase the competitiveness of national products (including SME facilitation, innovation, SDoC)
3. Strengthening institutional capacity and human resources in the standard application system
4. Increased global recognition and acceptance of standard implementation systems

Policy direction 5

1. Development of standardization services, conformity assessment and traceability of measurements based on national development priorities
2. Strengthening the capacity of standardization institutions, conformity assessment and measurement traceability
3. Increasing international recognition and acceptance of standardization services, conformity assessment and measurement traceability
4. Increased understanding regarding conformity assessment to stakeholders
5. Providing conformity assessment facilities to small and medium industries

Policy direction 6

1. Strengthening the position of the Standardization and Conformity Assessment System in the priority of establishing national technical regulations
2. Strengthening the implementation of Good Regulatory Practice for drafting technical regulations based on SCA
3. Strengthening policies for global market penetration through mutual acceptance of technical regulations and standards with potential export destination countries
4. Strengthening the use of SCA-based technical regulations in cooperation with partner countries both regionally and internationally

Policy direction 7

1. Strengthening the SCA ecosystem through IT system (*SISPK*)
2. Increase the capacity and competence of SCA human resources
3. Increase the capacity of business actors (especially micro and small) in the application of SNI
4. Increasing public awareness of the quality of SNI products
5. Strengthening the cooperation between SPK stakeholders at the national and international levels

each strategy in each policy direction, the programs have been compiled

Acknowledgement

1. Chairman and the leadership of BSN
2. Head of Research and Human Resource Development – BSN
3. Mr. Donny Purnomo, Mr. Dede Erawan, Mr. Sunarya
4. Research team

TERIMA KASIH THANK YOU



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