

Developing the National Standardization Strategy

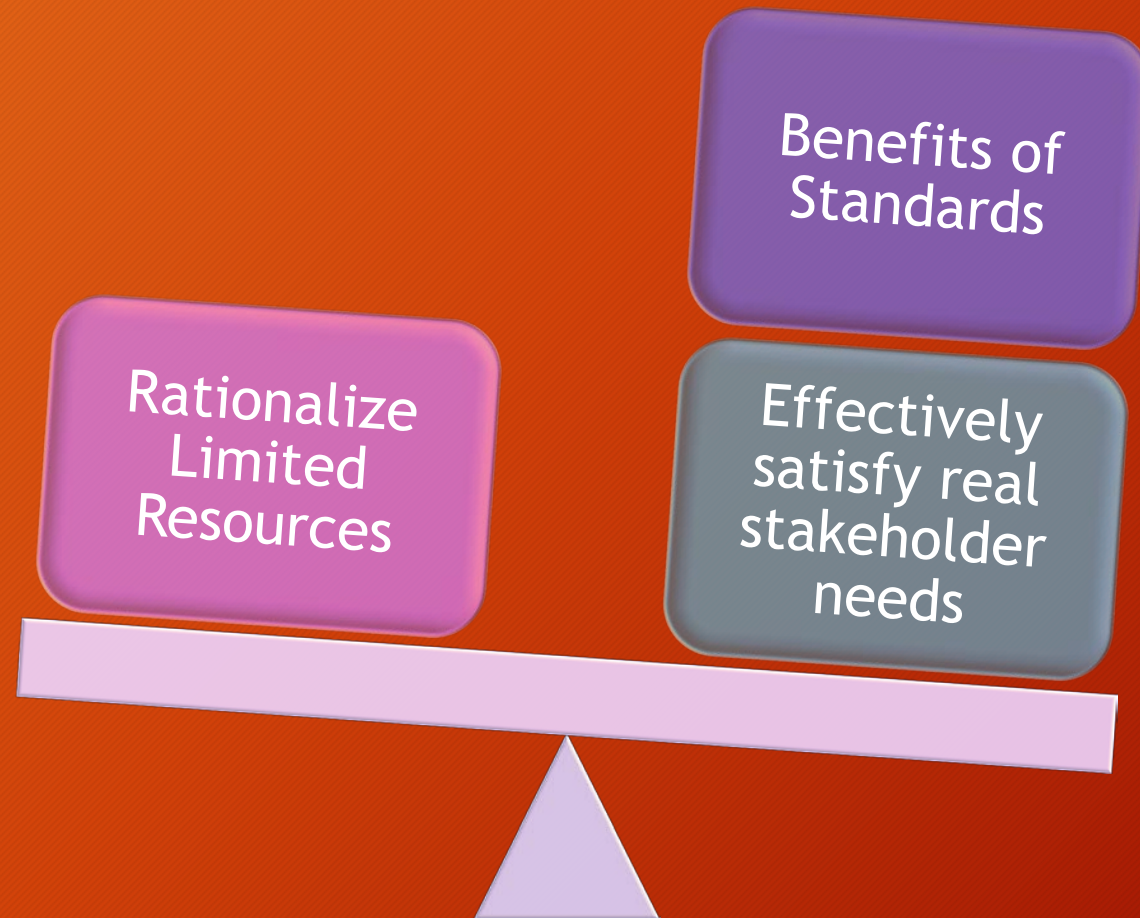
ISO
Methodology

Objective

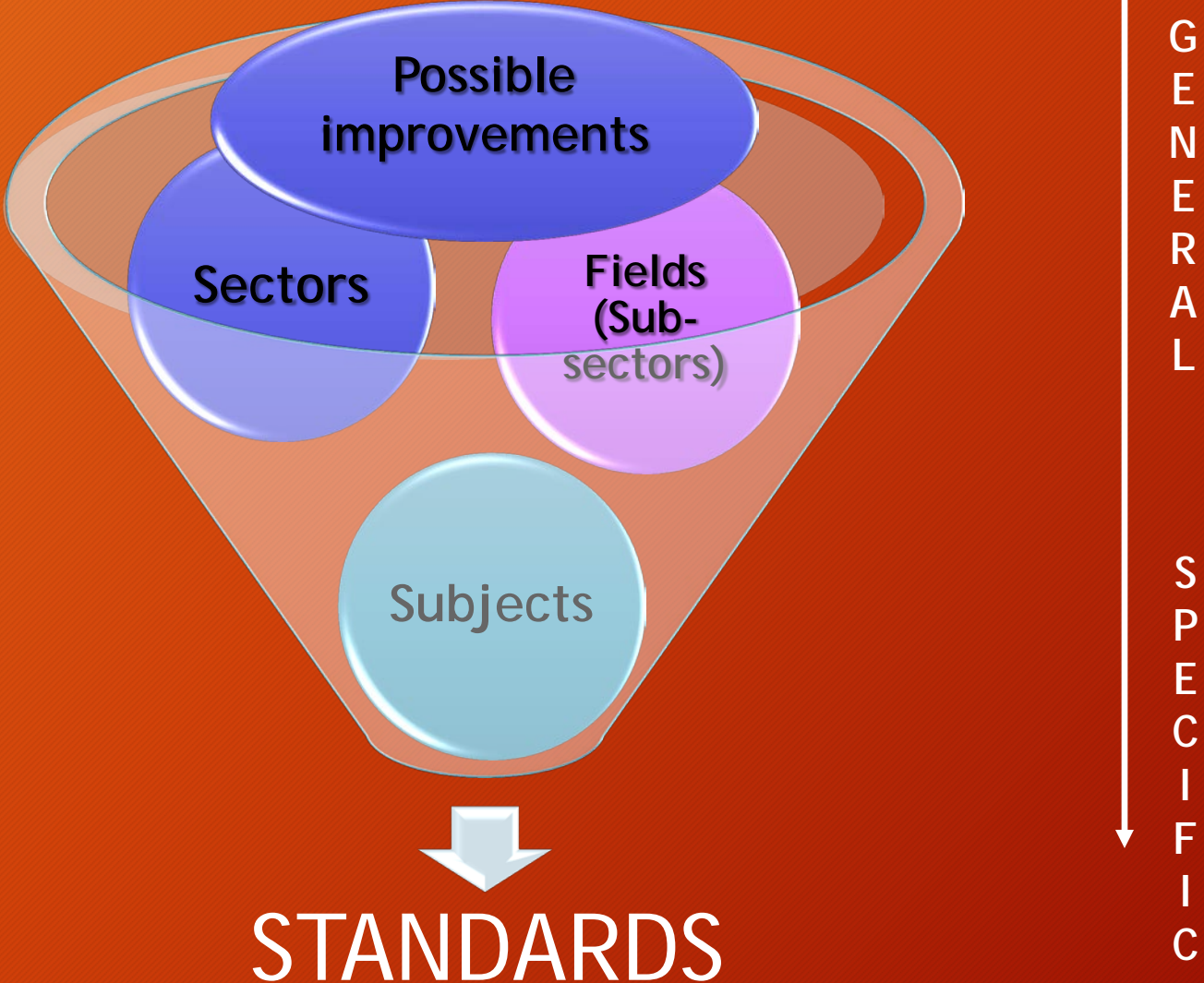
To give an overview of the ISO
Methodology
for developing National
Standardization Strategies (NSS)

Why develop a NSS?

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ISO Methodology - The basic logic



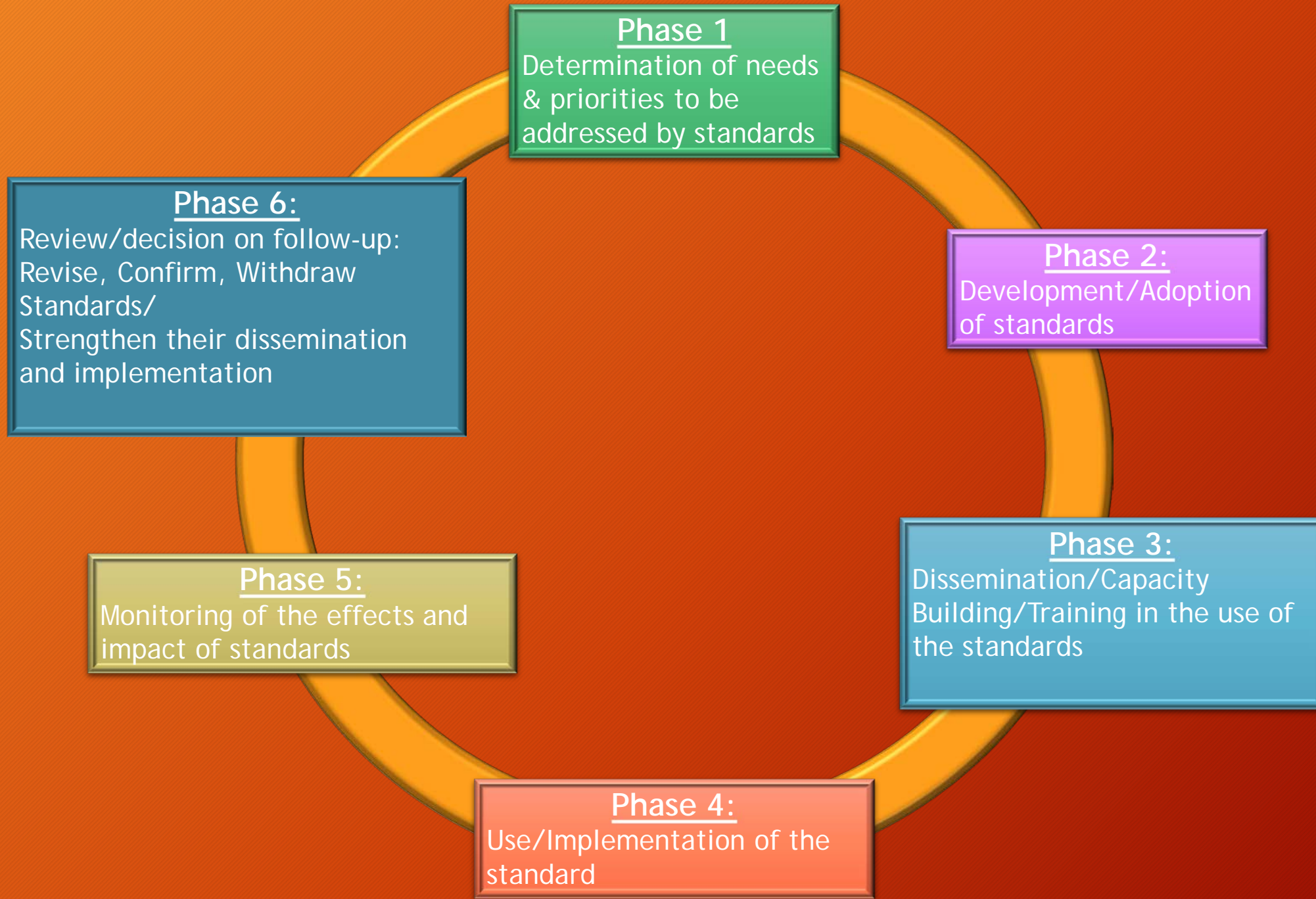
National Standardization Plan

- **WHAT:** Lists the required National Standards
- **WHY:** Gives an identification of their priority, including a reason why they are important
- **WHEN:** Contains a time plan for their development
- **WHO:** Assigns responsibilities for their development
- **HOW MUCH:** Associated with a resource plan

National Standardization Strategy

- Identifies required National Standards (assessment of the economy, society, national development plans, stakeholder inputs)
- Assigns ranks to identify the priority of each standard
- Arrives at a (nearly) final list of required standards
- Undertake planning of human and financial resources
- Arrives at a national standardization plan (Standards Work Programme)
- Implements the plan
- Undertakes follow-up activities (monitoring & evaluation)

STANDARDIZATION LIFE CYCLE



Determining Priorities

Economic
importance (e.g.
GDP, Export
potential)

Social
importance/
Critical
societal needs

Future needs

Stakeholder
views/ Input

Analysis of the National Economy

Economic factors considered:

- Gross domestic product
- Trade figures
 - Exports
 - Imports
- Employment contribution

Analysis of Social Non-economic Factors

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Social issues considered include:

- Health
- Environment and sustainability
- Education
- Safety (public and industrial)
- Accessibility issues for persons with disabilities
- National security



Information obtained from same sources as economic information but also includes public concerns and opinion expressed in media

Approach to Stakeholder Engagement

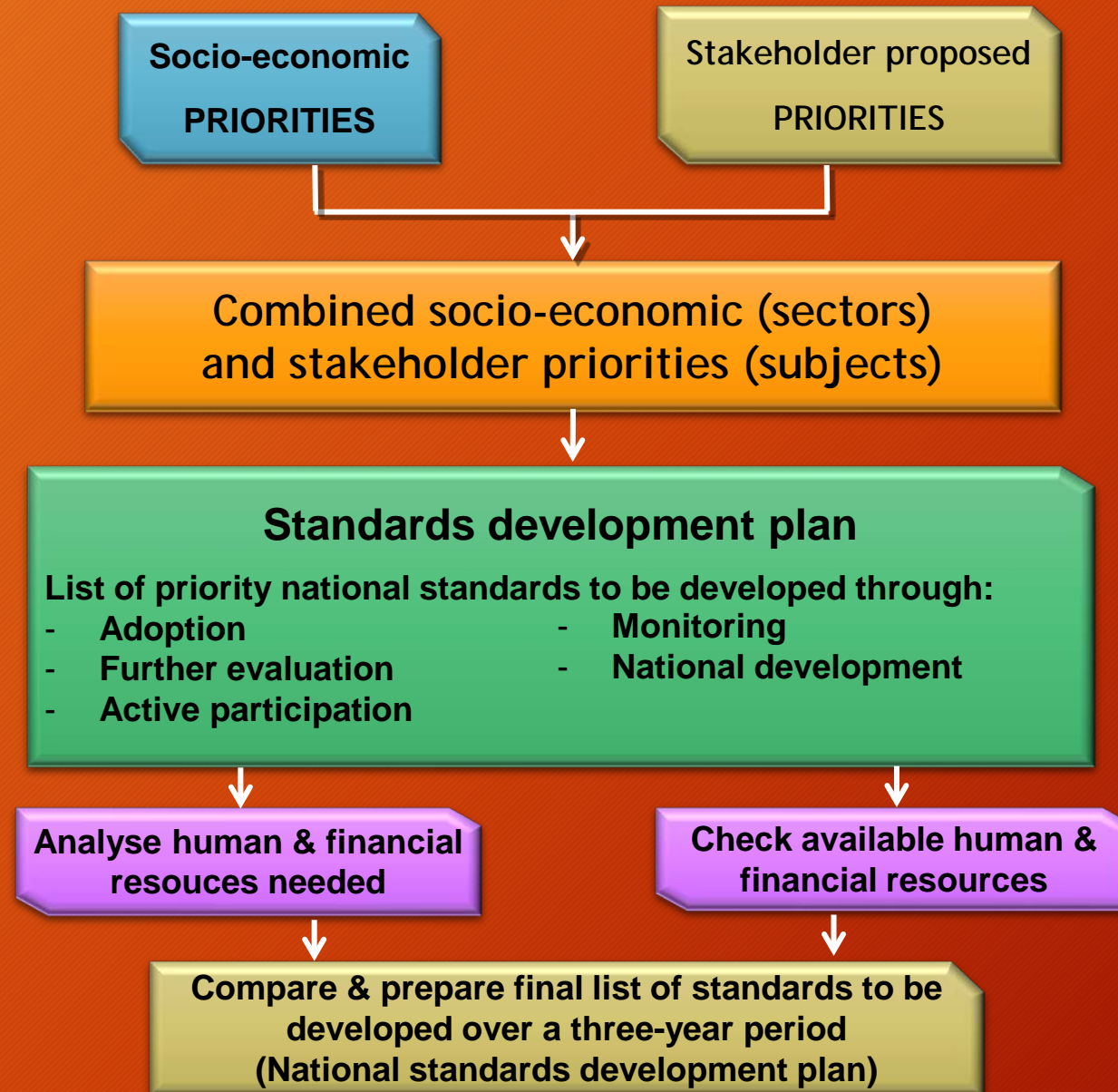
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- Stakeholder surveys
 - - Board members of the NSB
 - - Technical committees and subcommittees of the NSB
 - - Industry and professional associations cooperating with the NSB
 - - Interested government agencies
 - - Consumer associations
 - - Regional entities/zones
 - - Selected companies
 - - NGOs
- Internal feedback solicited through NSS Task Force

Ranking scheme for the prioritization of standards and projects

Rank	Economic Priorities	Non-economic (Social) Priorities	Priorities derived from Development Plans
1	Very important & urgent	Very serious & urgent problem, public outcry	Great importance in near future
2	Highly important	Serious problem, common occurrence, media attention	Great importance, if conditions apply
3	Moderately important	Serious problem, some media reports	Some importance in medium term
4	Of secondary importance	Problem is localized, no media reaction	Some importance in long term
5	Not important	Other issues	No importance expected

From standardization priorities to a national standards development plan



Combining socio-economic and stakeholder priorities

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- Data combined into a single priority rank in the standards development plan:

1. Priority ranks derived from economic and social data

AND

2. Priority ranks expressed by stakeholders

- The overall priority for each item calculated as the average of socio-economic priority and the priority perceived by stakeholders and expressed in a final rank.

Main Output

Result - A final priority ranking established for the subject or topic for standardization based on desk research and requests obtained from stakeholders



The End