

The Interaction between European Standardisation and Global Market Dynamics

An ICT Perspective

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EU Round Table Friends of European Standardisation
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Regulation, Policy Making and Standardisation

Legal Framework

- EU Regulation 1025/2012
- Patent law
- Competition law

Regulation

- Health, safety, environment, public interest
- New Approach / New Legislative Framework
- Standardisation Requests, Mandates
- Annual Union Work Programme

Industrial / Innovation Policy

- Digital Single Market
- EU Rolling Plan for ICT Standardisation
- National Digital Agendas or similar policies

Public Procurement

- Procurement Directives, ICT Procurement Guidelines
- European Interoperability Framework
- National Interoperability Frameworks, policies, etc.

Research

- Horizon 2020 and R&D (EU Research funding)
- National R&D programmes

Basic rules and processes

Regulatory requirements for market access

Principle of voluntary standardisation

Presumption of conformity based on European Standard

Support global competitiveness

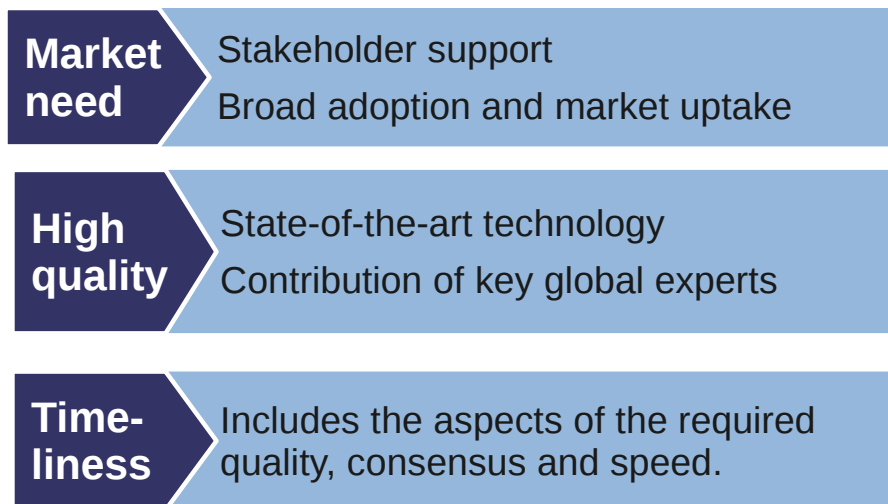
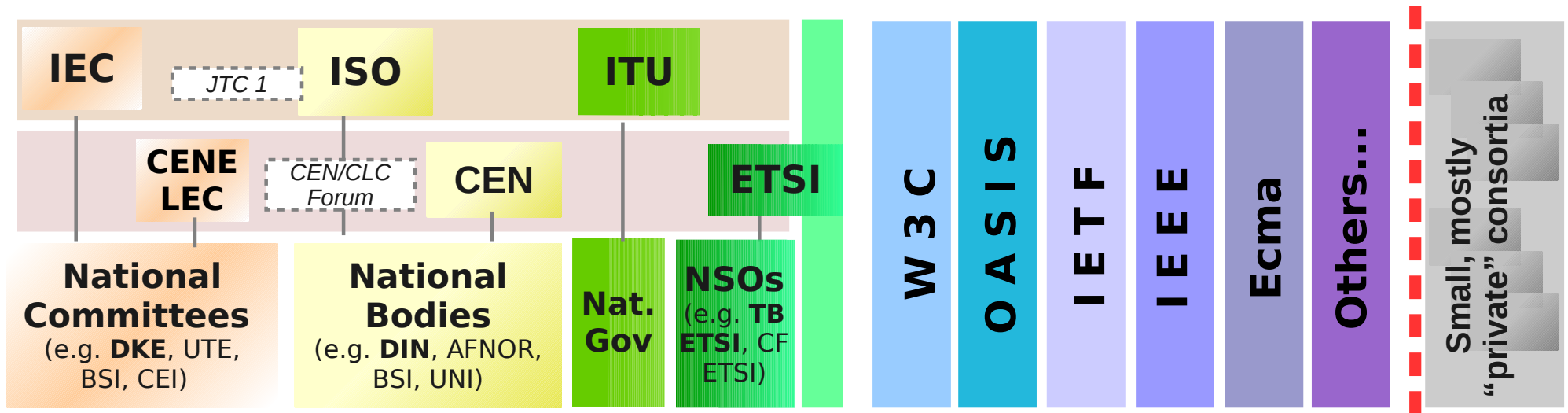
Promote uptake of new technologies

Promote interoperability

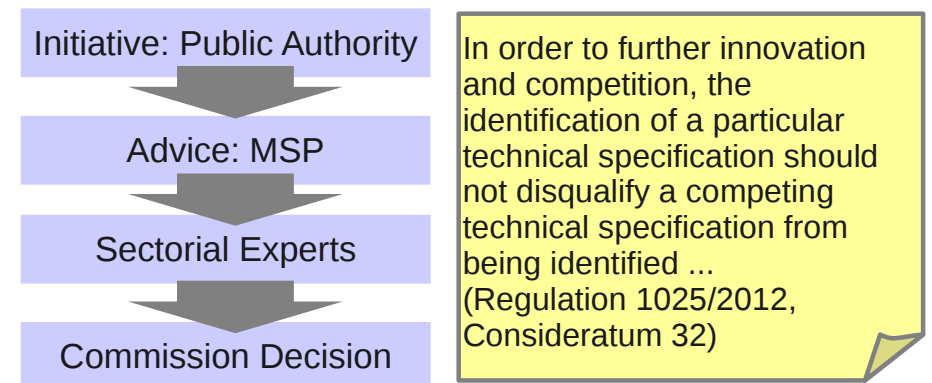
Support referencing standards in public tenders and implementing standards based solutions

Foster innovation and knowledge and technology transfer

Global ICT Standardisation Ecosystem and Availability of ICT Standards for Europe



Identifikation of global ICT technical specifications for use in public procurement (Regulation 1025/2012, Cons 32., Art. 13 & 14, Annex II)



#Reflections_1

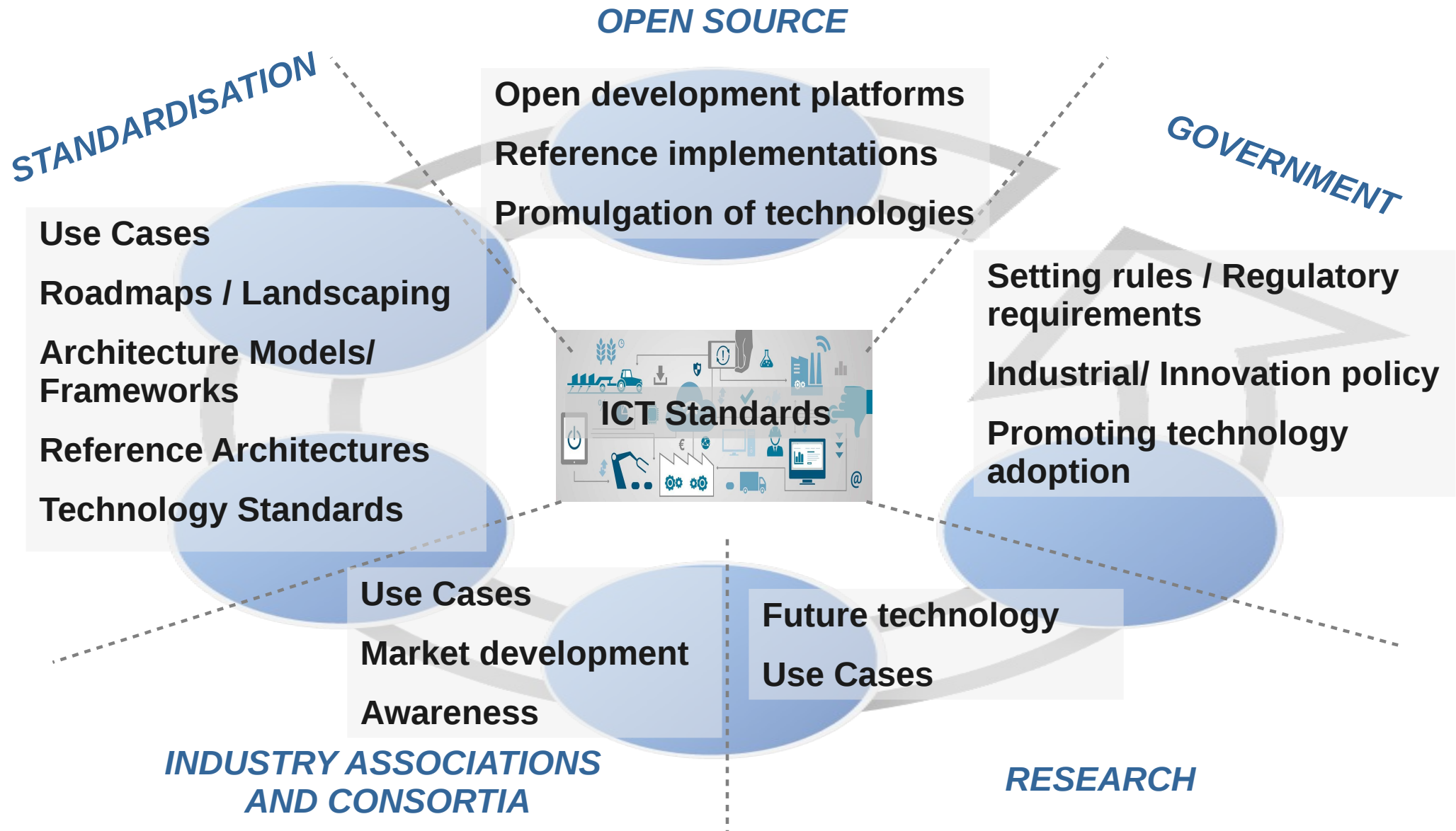


Global ICT specifications are of critical relevance for ICT technologies and for the competitiveness of industry.


The instrument of identifying global ICT specifications to make them available for use in public procurement is of high importance; the process should be further developed.

The quality of standards and specifications relies on the contribution of experts. In globally integrated economies experts may not always be available locally. Ways should be found to allow the key experts to participate in standardisation regardless of where they are located.

The Ecosystem Broadens



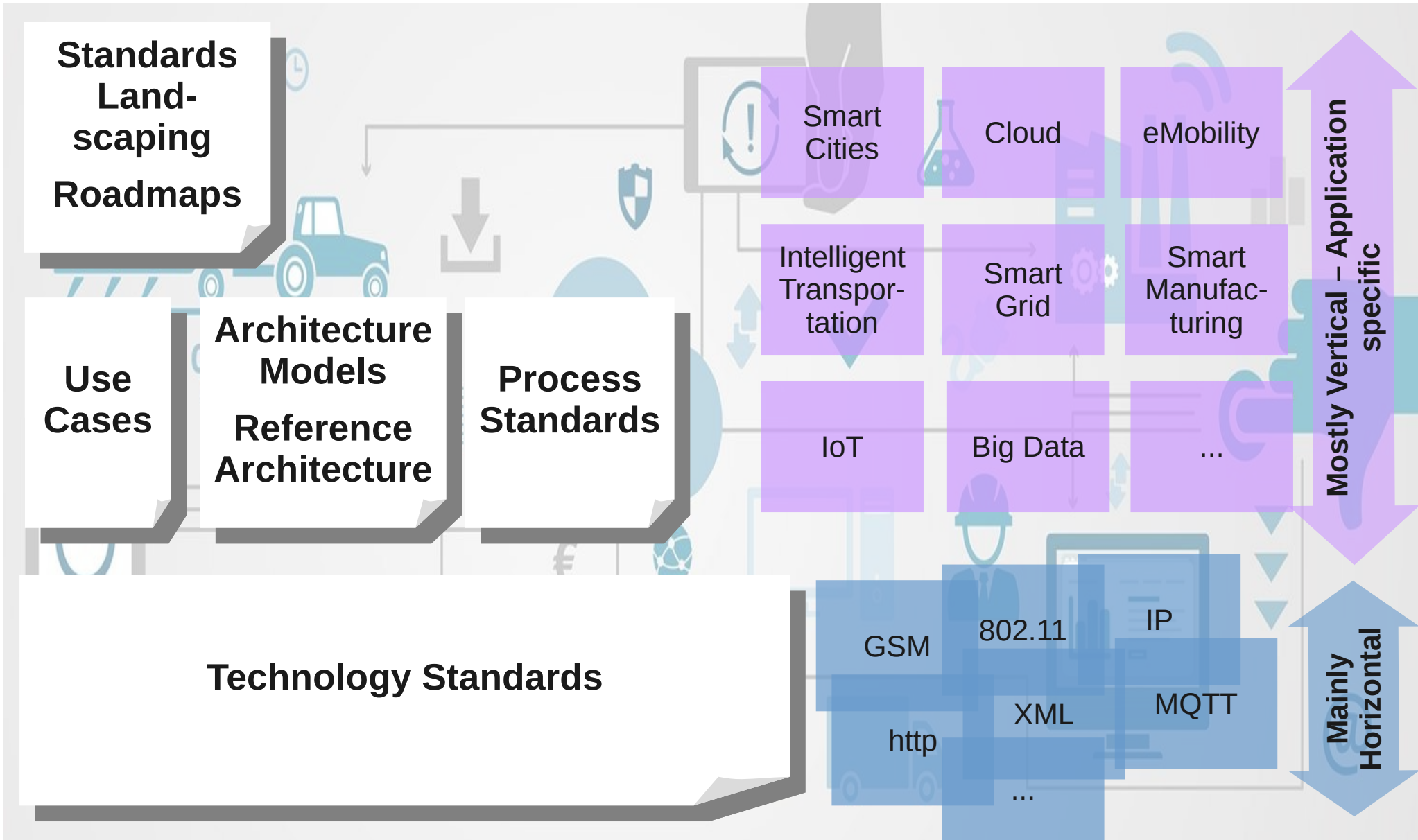
#Reflections_2



Open source communities and open platforms become increasingly important for technology innovation. Standards bodies are putting efforts into setting up structures for collaboration with open source.

Standards are getting into the focus of more groups and actors. A proper balance between making best use of the various dynamics versus a clear division of roles and responsibilities will help to make best use of innovative developments in open, consensus-based standardisation.

Standardisation in Innovative New and Complex Systems



Promoting Interoperability versus “Soft Regulation”

Increasing activity: selecting standards

Roadmaps, Mappings or Catalogues for areas of importance (Cloud, Internet of Things, Big Data, ...)

Promote interoperability and uptake of standards

Reference lists, e.g. used in public procurement




Even though reference lists are not binding they are relevant in the context of industrial policy

This may lead to de facto or “soft regulation” in non-regulated domains.

We need to be clear on the dividing line of listing available standards – but not making them mandatory.

Balance between promoting interoperability and Soft Regulation is critical

#Reflections_3



Integration and convergence of technologies requires combination of many standards from multiple organisations – including from different sectors.

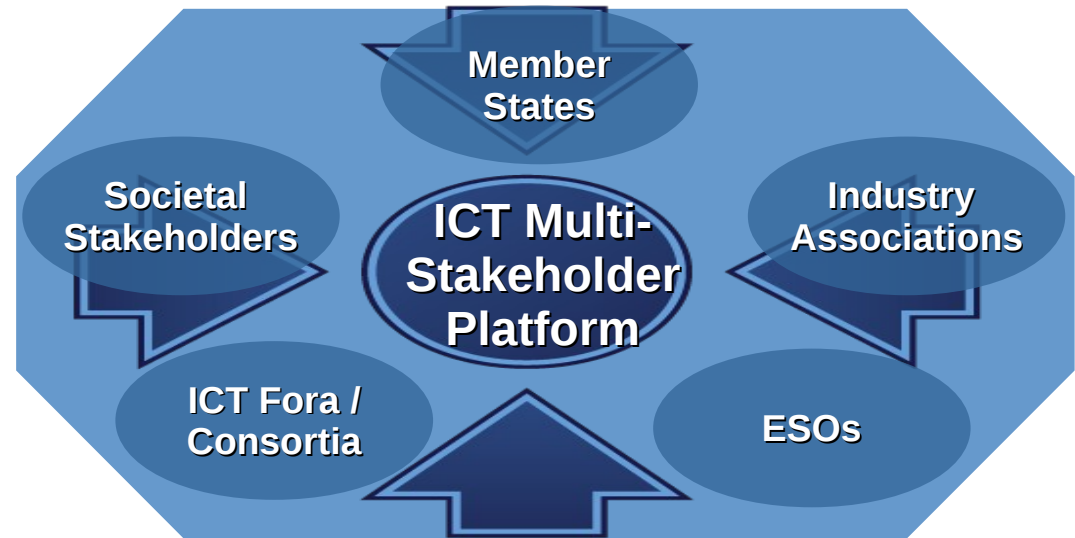
Need to differentiate clearly between basic technology standards and higher level, vertical standardisation deliverables.

High level of duplication with Reference Architectures, Standards Landscaping, Gap analyses. Structures and processes might be modernised for being well suited to facilitate coordinated standardisation work in support of policy objectives

Proper balance needs to be found between selecting and recommending standards and preserving openness of the market for different solutions.

ICT Multi-Stakeholder Platform

Stakeholder collaboration
First hand advice
Unique in the world



EU Rolling Plan for ICT Standardisation

Policy
Priorities
and
Strategy

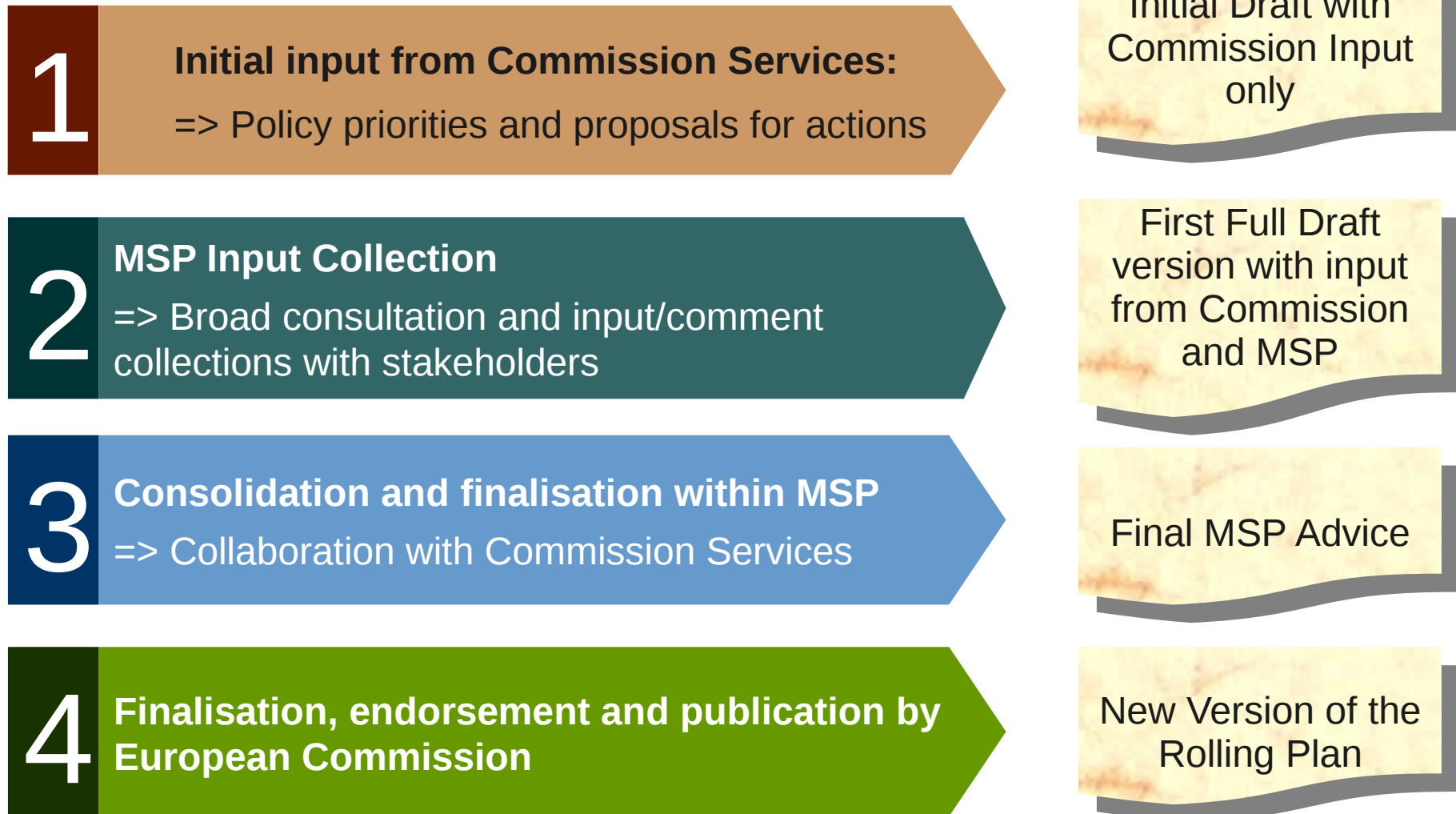
Legisla-
tion in
place

Ongoing
and
available
work

Concrete
proposed
actions

Translation from Strategy into actions

Development of the Rolling Plan: Major Process Steps



Further Improvements around the ICT Rolling Plan

STRATEGY

Increase strategic aspects in policy objectives section

CLARITY

Be more concrete and precise on actions


Prioritise actions in relation to policy objectives

PRIORITISATION

Leverage MSP for better coordination of activities

COORDINATION

#Reflections_4



The ICT Multi-Stakeholder Platform is a unique forum for collaboration and providing high-quality advice to the European Commission.

The successful path with government-stakeholder collaboration should be continued and further be strengthened.

The ICT Rolling Plan is a successful instrument for translating strategy into action. It will be strengthened further with focus on actions so that it can be used more for operational planning in standards bodies.

Thanks very much for your attention