



Joint Communication An EU Approach for Space Traffic Management

The use of standards and guidelines



23 March 2022

An EU approach on STM

The Union's contribution addressing a global challenge



Civil And Military STM Requirements

As a primary task, it is necessary to establish the STM requirements for both civil and military stakeholders at EU level.



EU Operational capacities

The ability to positively impact the debate related to STM is proportional to the operational capacities to monitor objects in space.



Regulatory aspects

The regulatory side aims to **make use of standards and guidelines** while developing legislative measures in the medium and long term



International aspects

STM activities are by definition global. An EU STM approach should reflect the EU's overall support for multilateralism.

Actions related to standards and guidelines

Action 5: The Commission and the High Representative depending on the EU competence involved and in close collaboration with the Member States, will:

- by end of 2023 establish the necessary forum to ensure that effective information and coordination regarding the standards and guidelines developed at the international level is in place in the EU.

That forum will with the support of the EU SST Partnership, EU industry and ESA:

- a) develop new European and international standards;
- b) promote selected standards and guidelines at the EU level; and
- c) create a toolbox to assisting Member States in licensing requests by satellite operators.

Action 6: The Commission, in close collaboration with Member States, will:

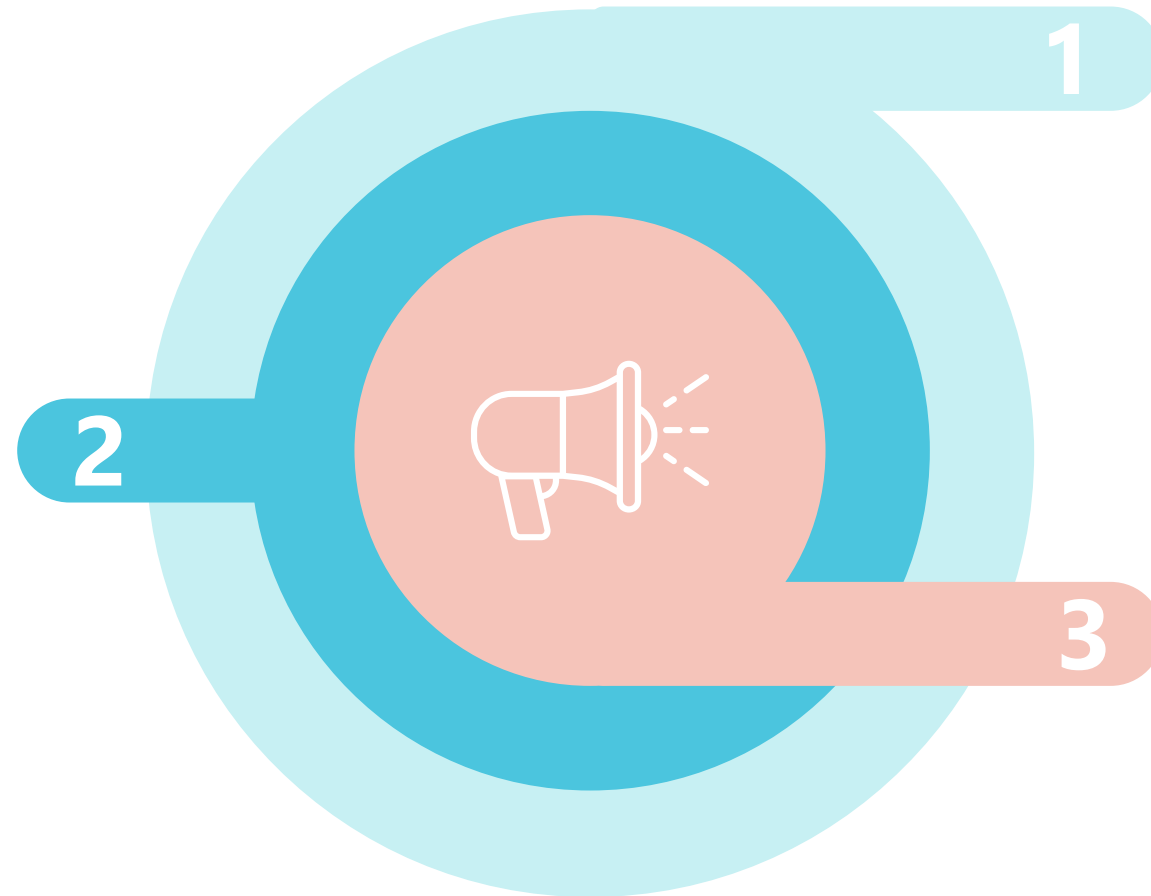
- by end of 2023 identify possible incentive measures and a certification mechanism towards the implementation of STM standards and guidelines and

- by end of 2024 establish a certification mechanism and implement incentive measures.

Why : Standards and guidelines

Number of non-legally binding measures in the field of space

Multiplication of fora and difficulty to follow the developments.



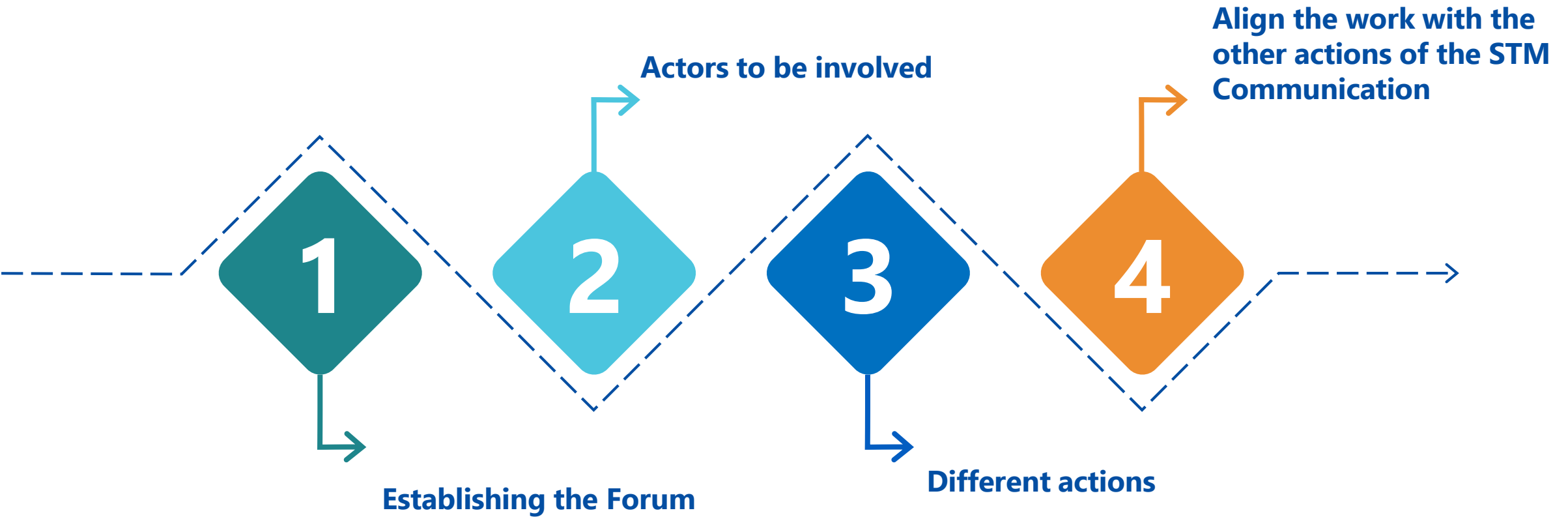
Role and importance of Standards / guidelines

Space industry relies heavily on standards

Need to have a more pro-active participation

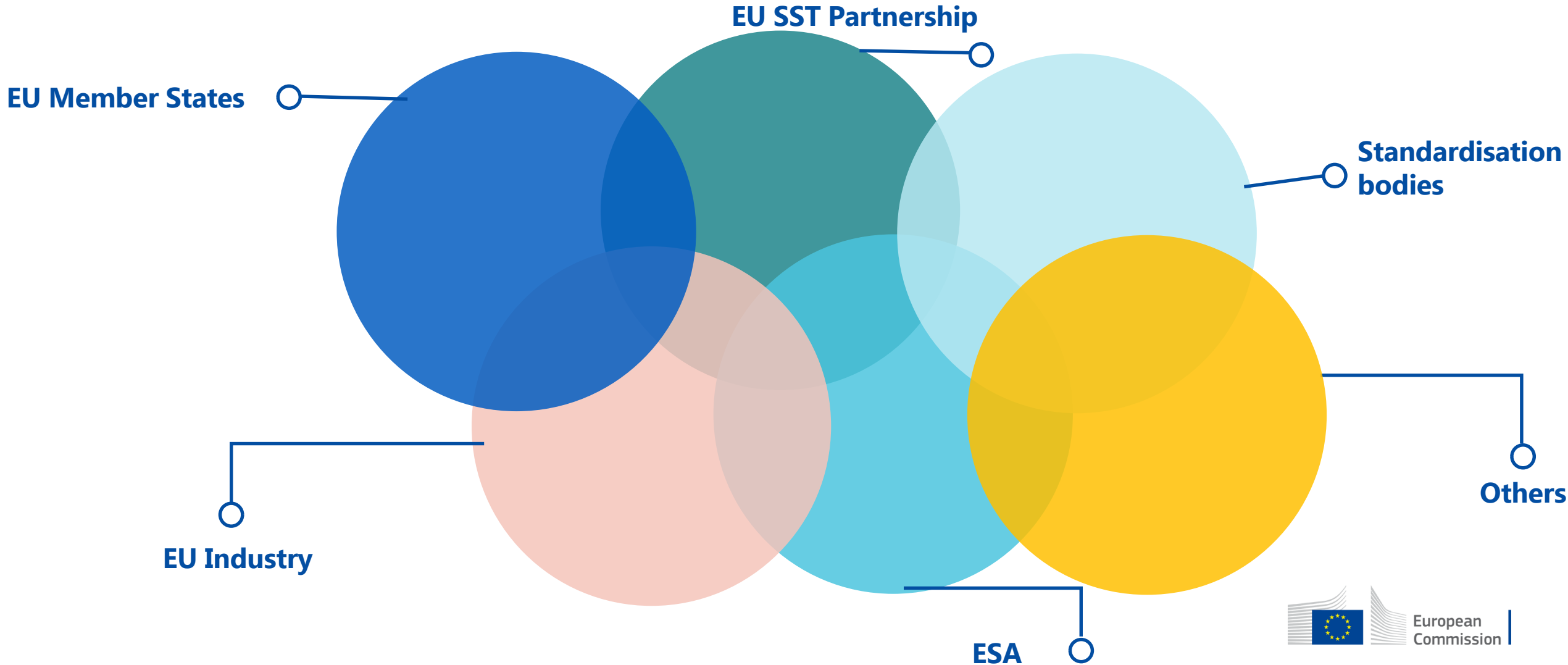
Standards and guidelines shall not be considered as a competition

Establishment of the Forum



Actors to be involved

We will involve all the EU stakeholders



The actions to be developed within the forum

a) Develop new European and international standards

- Take initiative within the standardisation field on STM

b) Promote standards and guidelines

- Identify and establish incentive measures
- Identify and Establish a certification mechanism

c) Create a toolbox

- Assisting Member States in licensing requests by satellite operators.

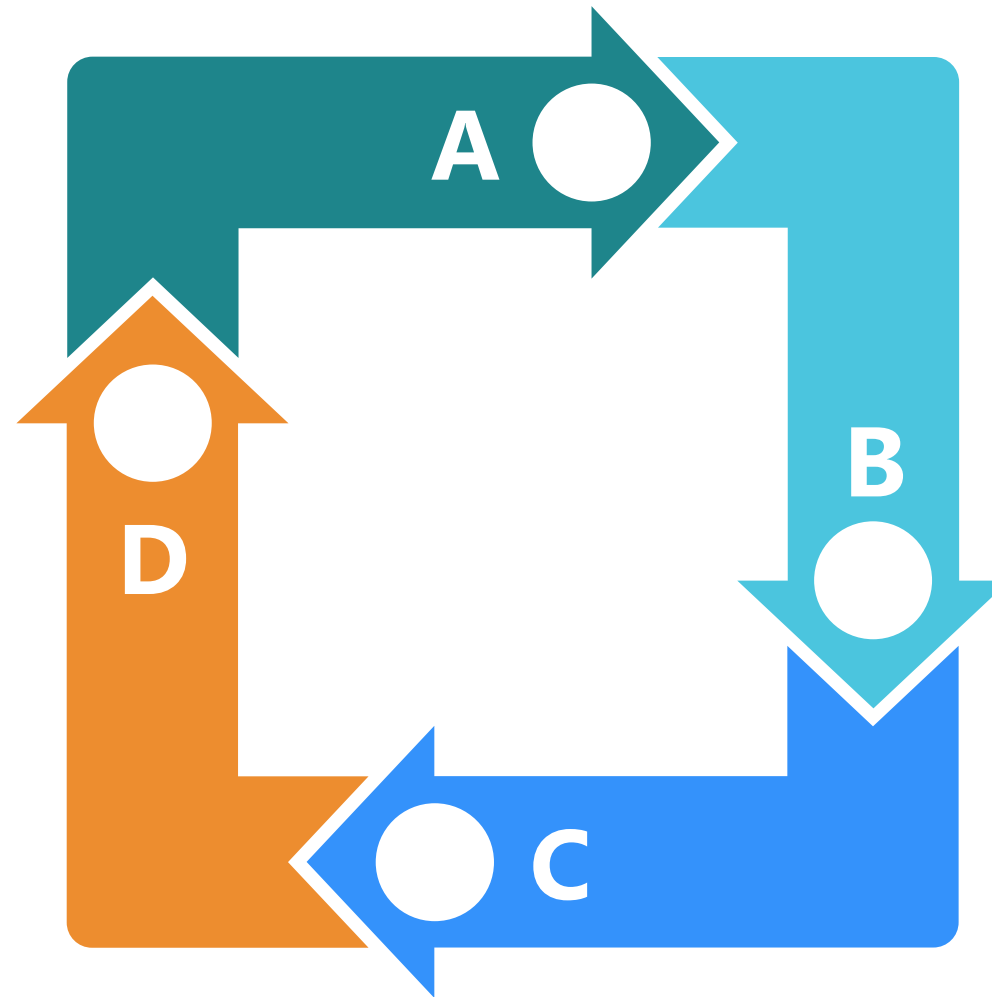
Promotion of guidelines and standards

Selection of standards and guidelines

The selected standards or guidelines will not become compulsory

Continue reviewing new standards /guidelines

The process will start again in case new developments



Certification mechanisms

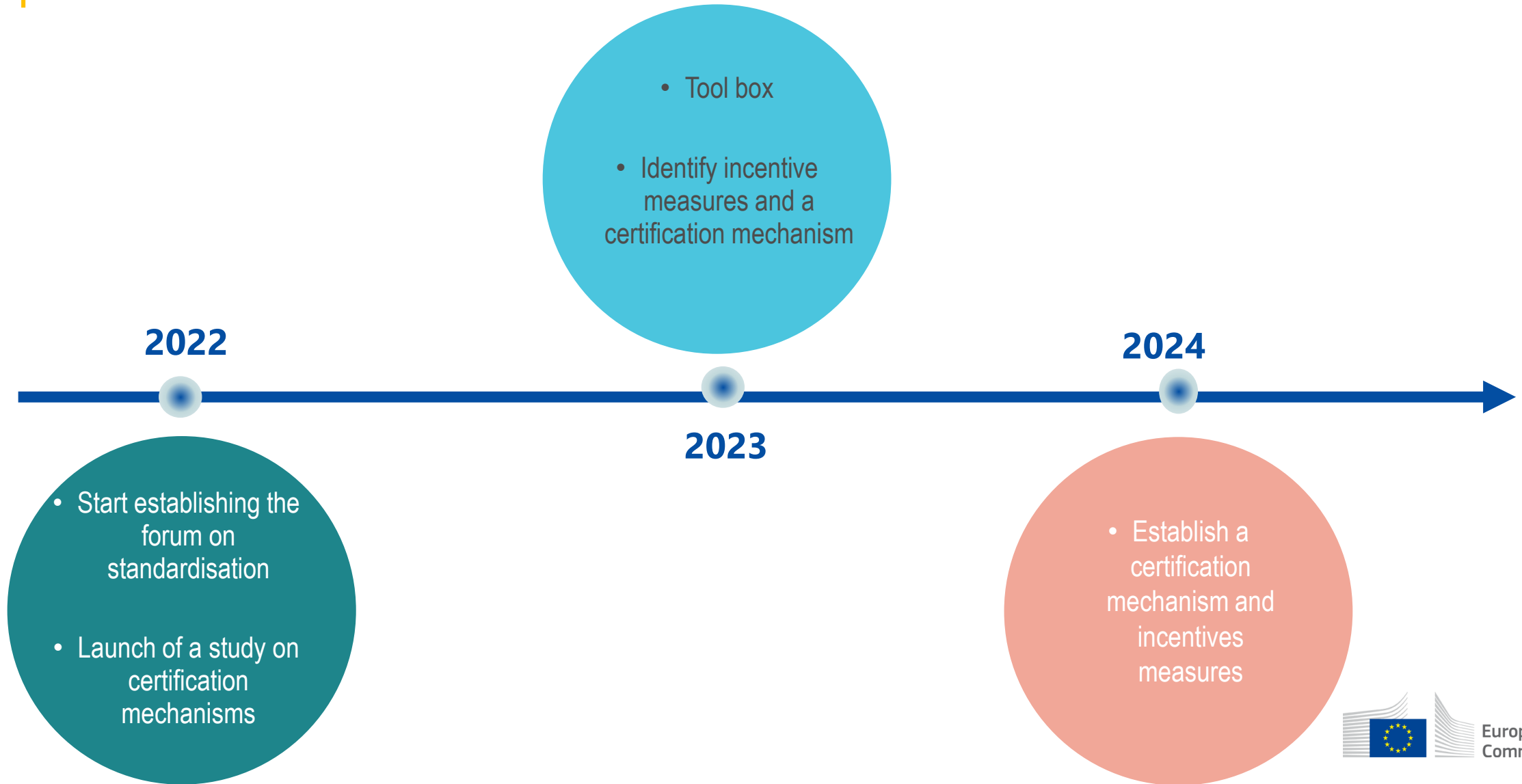
Systems to ensure that the selected standards / guidelines are effectively followed

Identify possible incentive measures

Incentive measures need to be developed

Implementation of the STM Communication

Clear deadlines



Thank you

DG DEFIS
Unit B1: Secure connectivity,
Space surveillance and
Applications
DEFIS-STM@ec.europa.eu