Brief

Landscaping Study Update – India

1.   Introduction

In a world increasingly defined by digital innovation and environmental responsibility, the European approach to Digital and ICT standards takes center stage.

The InDiCo-Global Project aims at building bridges on digital matters and the related standardization topics between Europe and a number of countries/regions throughout the world: Latin America and the Caribbean, African Union, S.E. Asia, China, India, Western Balkans and the European Union's Eastern Partnership (excluding Belarus).

Our objectives are:

- Develop a mutual understanding of the respective models for setting global interoperable ICT/digital standards (stakeholder-driven model) with selected partner countries/regions.
- Foster awareness of EU ICT/digital standards for key technologies in the Horizon Europe program
- Understand the partner countries' policy and standardisation landscape and when relevant capacity building in terms of digital technologies and standards, compatible with EU values
- Create awareness about the EU vision and approach to data protection

InDiCo-Global focuses on the areas identified by the EC in its ICT standardization priorities i.e. 5G/6G, Artificial Intelligence, Internet of Things (IoT), Distributed Ledger Technologies, Cybersecurity, Quantum technologies, IoT – Edge – Cloud, Data, Electronic Identification, Smart Cities, Circular Economy.

https://www.indico-global.eu/

2.   India

The European Standardisation Organisations, together with the European Commission and EFTA, have been gathering data about the ICT (digital) policy, regulatory and standardization landscape, and the political, industrial and societal dynamics that move them. This work has been done through project SESEI mainly as well as through the former InDiCo project.

This data needs to be updated and aggregated, and InDiCo-Global is requesting a local or locally-connected researcher to perform this update.

3.   Research objectives

The overall objective of the research is to get a comprehensive picture of those evolutions and the current landscape of ICT standardization and regulation in India.

The output of this research is destined to feed the InDiCo-Global workplan and help prioritize actions.

4. Scope

a. Digital and ICT policy making and standardization in India

- Government organizations in charge of devising ICT (digital) policy
    o Including a compendium of policy and legislative sources that frame the activity
- Organizations involved in ICT standardization (whether governmental or industry-led)
- Industry players, market position.
- Interaction between players, assessment of the relative influence of organizations involved.
- Description, role and influence of local organizations
- If relevant, policy and means to influence international ICT standardization
- Compendium of existing ICT R&I initiatives in collaboration with EU

b. Technology focus

For 5G/6G, Internet of Things and Cybersecurity, a greater level of detail will be provided regarding:

- Organizations in charge of policy making and legislation/regulation
    o Including a compendium of policy and legislative sources that frame the activity
- Organization involved in standardization (whether governmental or industry-led)
    o Including status of international collaboration
- Main industrial players and if workable, investment in standardization
- Interaction between players, assessment of the relative influence of organizations involved.

5. Sources and means

The researcher will use desk research, interviews and all means available to collect the information needed. The original landscaping study (text and slides) will be made available to the researcher.

6. Timeframe and deliverables

The research will start from the signature of the contract. The calendar and sequence of delivery will be agreed with the researcher but will not exceed 6 months.

The deliverables will be in the form of notes (including graphics) on the subject matters listed above. Each note shall comprise

- the data, presented in a visualized form
- an analytical part with key findings
- list of contacts to call upon in the course of the project delivery
- supporting references
- when relevant, recommendations as to what could be possible next steps to build bridges on digital matters and the related standardization topics

The researcher and the InDiCo-Global project team will agree on the detailed outline of each note prior to engaging in the research.

Regular calls will be scheduled with the InDiCo-Global project team to discuss progress and monitor findings.

The copyright of the deliverables will remain with the InDiCo-Global project partners.

7.   Budget

The researcher and ETSI will agree on a fixed rate for each note, to be paid upon delivery and acceptance by the contractor. A maximum of €15 000 EUR is available for all of the research and reports.