

TSDSI Induction Program

Introduction

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AGENDA

TSDSI Preamble

Standardisation Principles & Standards Driven Research

Digital Transformation Paradigm Shift

Standardisation Engine

Invitation to Participate

TSDSI PREAMBLE Section 2 of R&R – Why TSDSI ?

2.1 There is a pressing need to project Indian interests, articulate service providers' requirements, and promote Indian IPRs into International standards and products. This will go a long way in helping to create an ecosystem for Telecom / Digital communication equipment manufacturing in India, which is not a viable business proposition today due to significant outflow towards IPR licensing costs. Establishing a national Telecommunication Standards Development Organization is key to achieving these objectives. A standards development organization (SDO) for Telecom / Digital communication will help Indian companies to develop standards for the Telecom / Digital communication products and services to meet India specific requirements, which is expected to promote indigenous R&D and manufacturing. The developmental process will also help in creating Indian IPRs. With the development of new national standards, India will be in a position to influence various international telecom Standards Development Organisations and Forums in the development of global standards and in the inclusion of Indian IPRs in them.

2.2 While fully recognizing the overall objective of developing R&D and manufacturing capabilities in Telecom equipment in India under the National Telecom Policy, 2012, Telecommunications Standards Development Society, India (TSDSI) has been constituted as an autonomous "not for profit" Standards Development Organisation for Telecom products and services in India. The Society shall follow the principles of openness, transparency, fairness, consensus and due process in conducting its activities. It shall maintain technology neutrality and provide a uniform playing field for all of its Members. It will consistently endeavour to prioritize Indian IPR.

2.3 The Society shall draw the synergy of all Telecom / Digital communication stakeholders viz. manufacturers, research and development centres, academic institutions, service providers with the object of facilitating coordinated development of Standards for Telecom / Digital communication, especially suited to Indian environment. The Society shall play a key role in the development and deployment of new products and services based on these Standards.

Standardisation Principles -WHY DO WE NEED STANDARDS ?

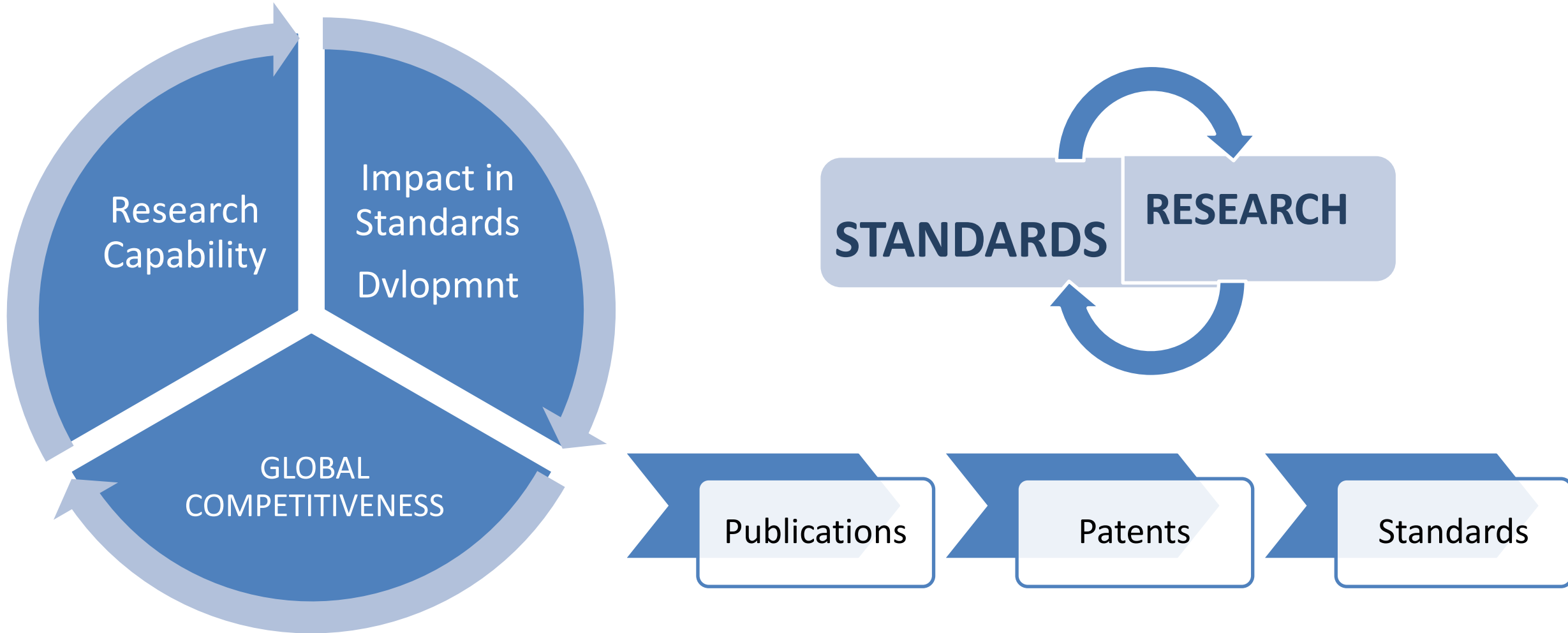


“Standards should facilitate interoperability, support fair trade and fair competition, increase user, consumer and Govt confidence and stimulate innovation”

- Karen Bartleson – IEEE

President, former President IEEE-SA in her book “ Ten Commandments for Effective Standards”

Standards driven research

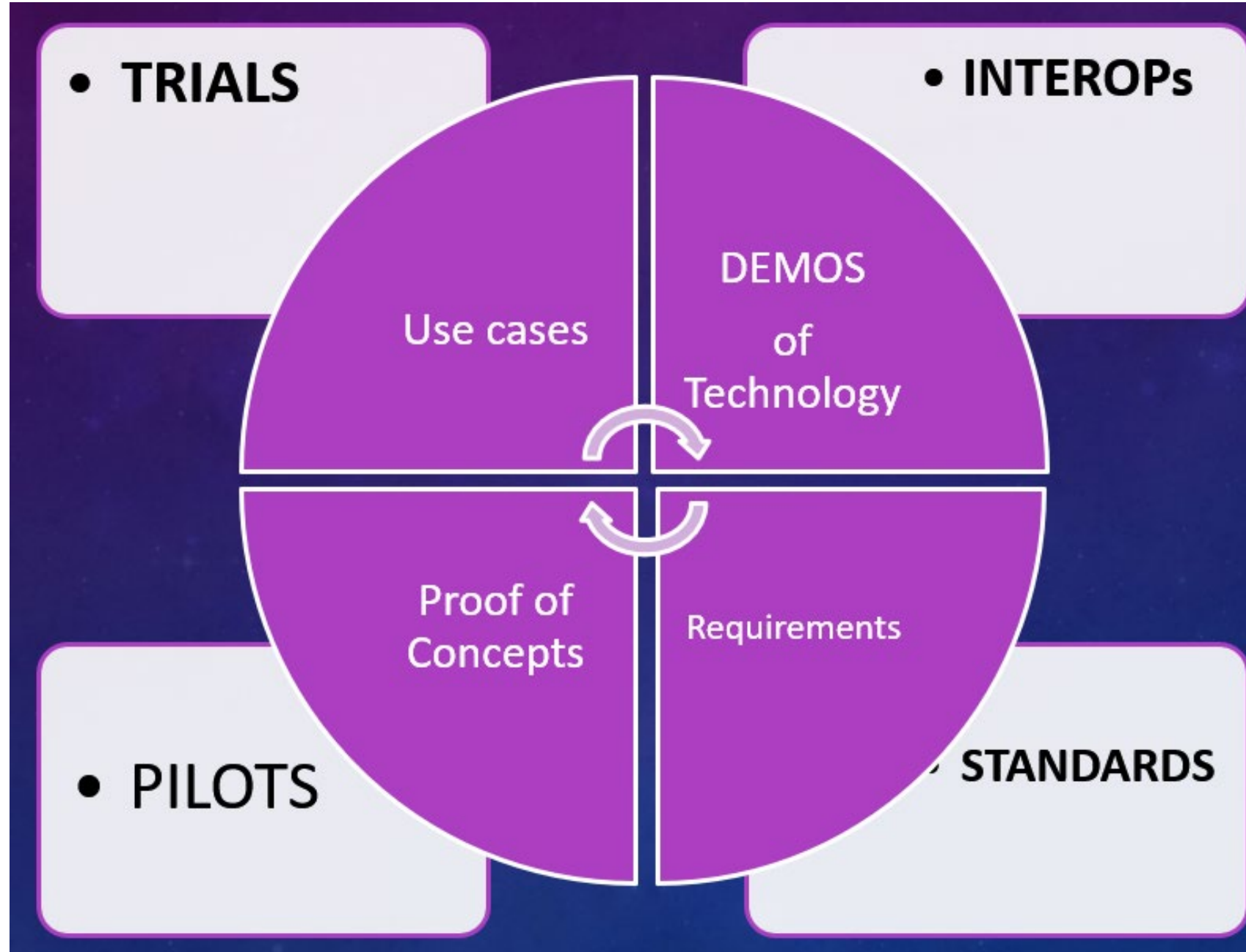


Digital Transformation Paradigm Shift

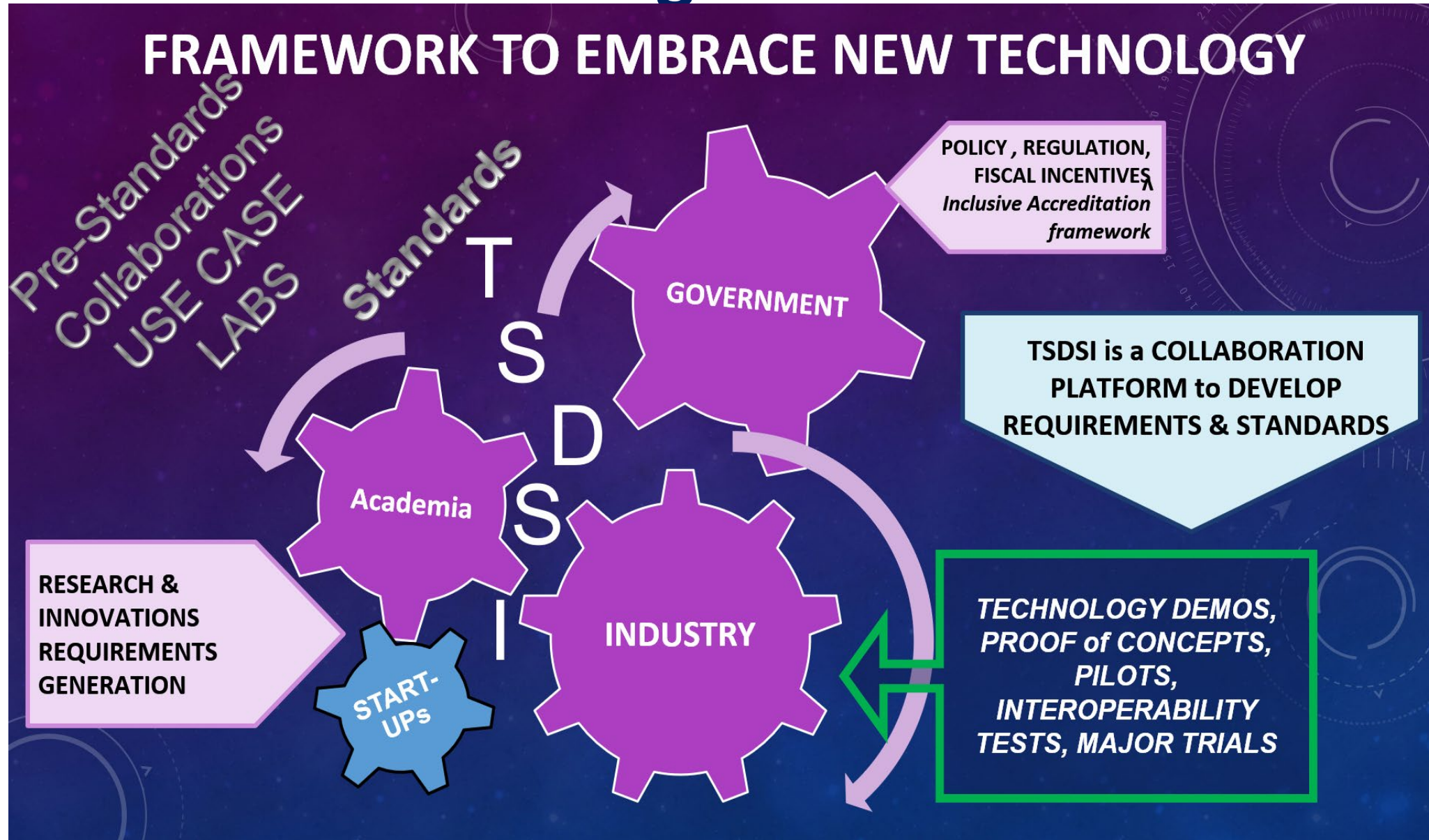
From a Consumer
of Technology
To a Producer
of Technology

requires shift to

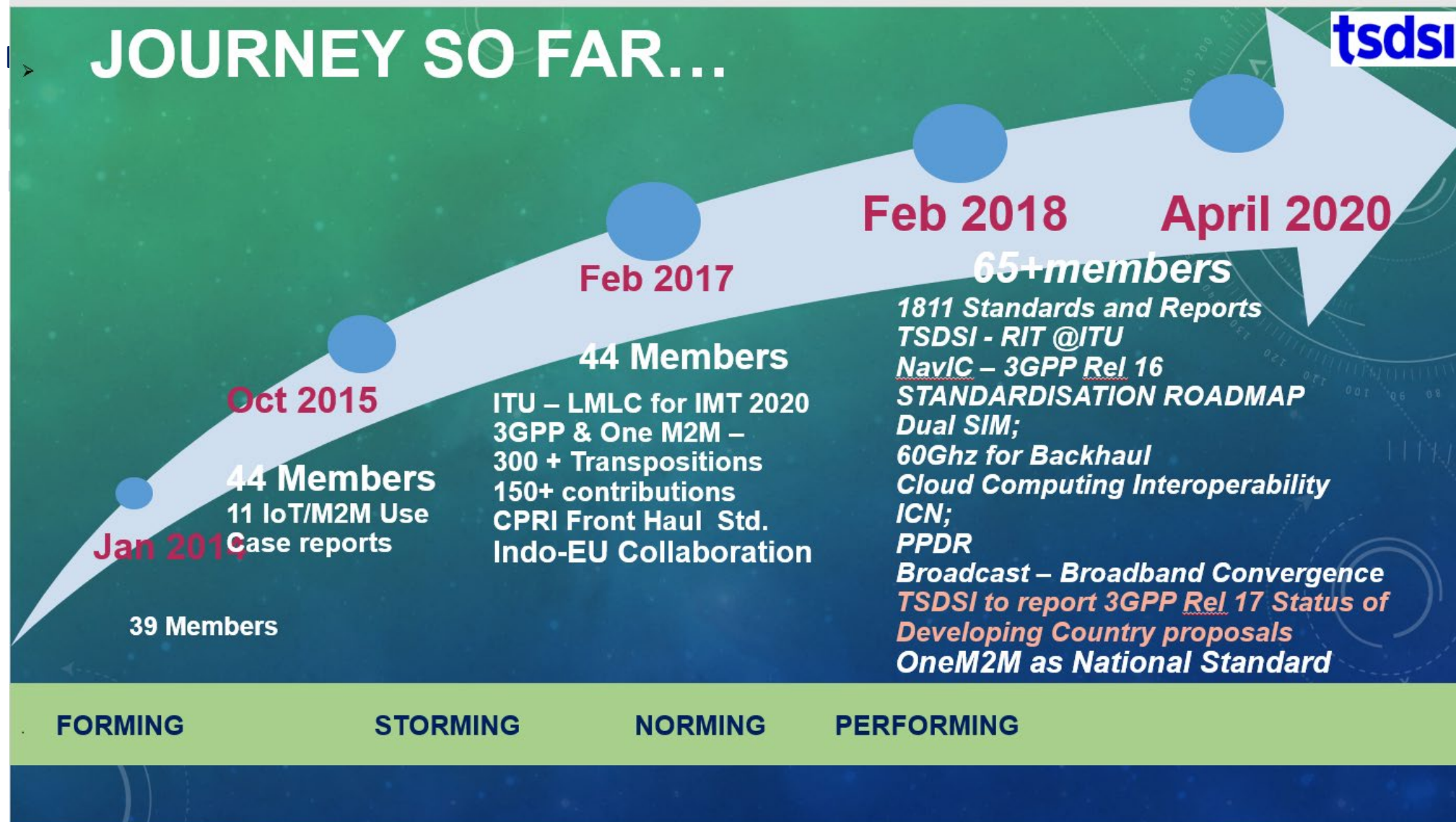
Collaboration &
Hardening of
technology before
ACQUISITION



Standardisation Engine



Invitation to Participate



What We have Learnt ?

STANDARDS are Important for Development & Business

STANDARDISATION requires :

- Deep Technical Expertise
- Long term commitment & Investment
- Persistence

STANDARDISATION does not happen in Isolation:

- Ecosystem needs to be developed
- Lifecycle needs to be enabled & sustained

THANK YOU

Thank You

[<email contact>](#)