

## **NIST SIT Workshop**

**(Gaithersburg, Maryland, 15 - 19 September 2014)**

# **National Initiative in India for Telecom Standards Development**

## **TSDSI**

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- ❑ Formation of TSDSI
- ❑ Operations – Open, Inclusive, Bottom-up
- ❑ Cooperative Standards-making (the pie will always be large, no reinvention of wheels; standards should be global unless absolutely necessary)

# Formation of TSDSI tsdsi (India's Recognized & Accredited TSDO)

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Synergize with **all Telecom Stakeholders**

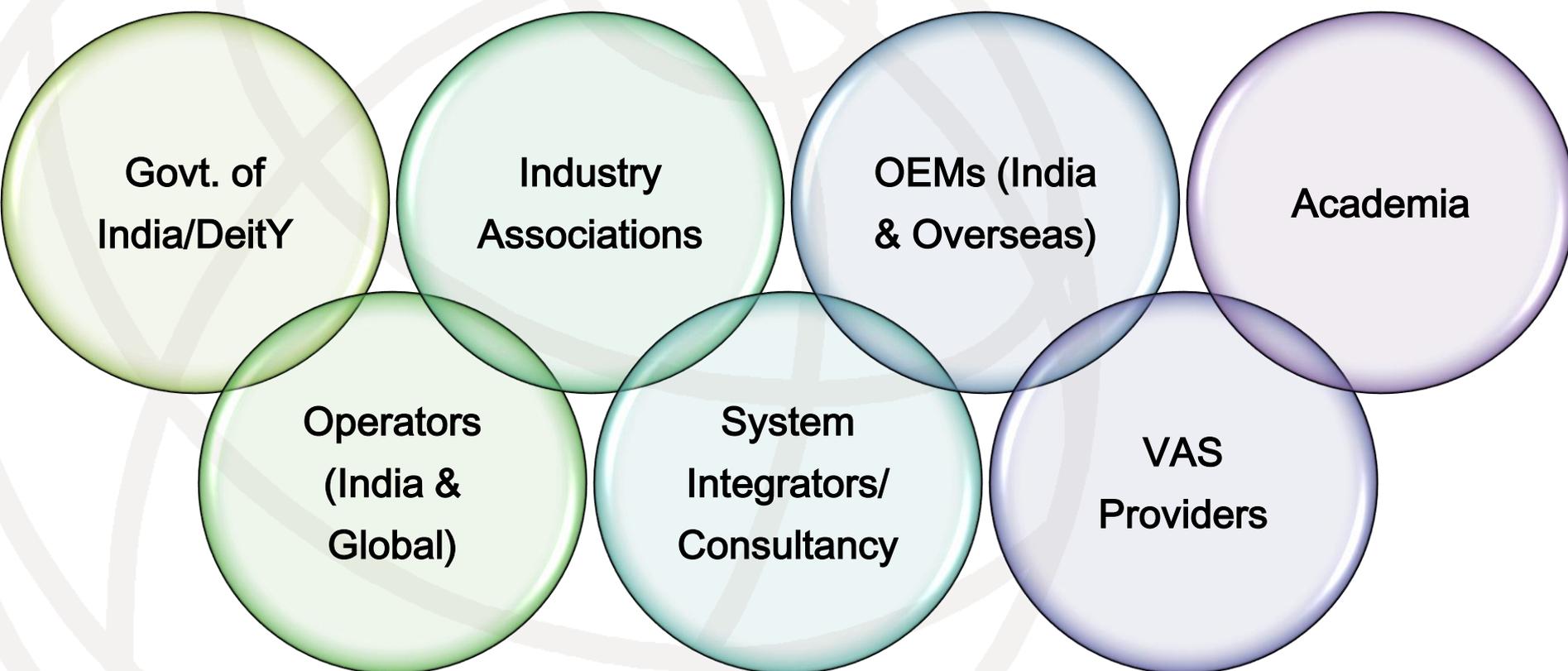
Facilitate coordinated development of Standards for Telecom, especially suited to **Indian environment**

Interact proactively & **actively participate in international standards development organizations and forums**

Recommend new Standards for consideration by the Government for **national and global adoption**

# MEMBERSHIP

(must be open to all & be inclusive)



# Governing Council (represents ecosystem)



- Department of Telecommunications (DoT)/
- Telecommunications Engineering Centre (TEC)/
- Wireless Planning & Coordination Wing (WPC),
- Department of Electronics and Information Technology (DeitY)



IIT Bombay



Centre for Development of Telematics (C-DOT)



Vihaan Networks Ltd.

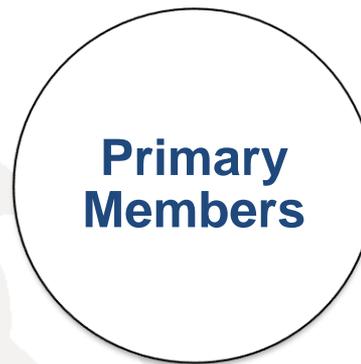


IIT Madras

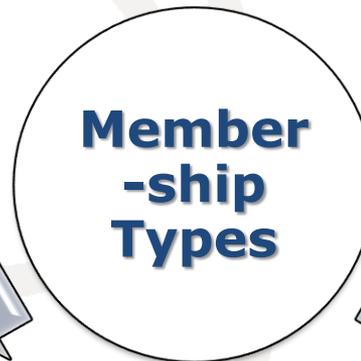


# MEMBERSHIP TYPES

<b>Primary Member</b>	Entities Registered in India including Academia
<b>Associate Member</b>	Associations of Stakeholders, Foreign Entities



- Driven by Industry  
- With Strong Govt. participation



Big and Small – Same Voting Power

Leave no expertise untapped



Associations; Intl. players; etc.

*For Membership Details, kindly visit the Website*

# COOPERATION AGREEMENTS SIGNED WITH SDOs:



**ARIB**



**ATIS**



**CCSA**

Do not  
reinvent  
the wheel



**ETSI**



**TTA**



**TTC**

# COOPERATION AGREEMENT SIGNED WITH CERTIFICATION BODIES:



Power of Standards is  
in Compliance

**Global Certification Forum**

# Got Accepted in the International Fraternity of Global Standards Collaboration (GSC 18, Sophia Antipolis, June 2014)



## About to Join

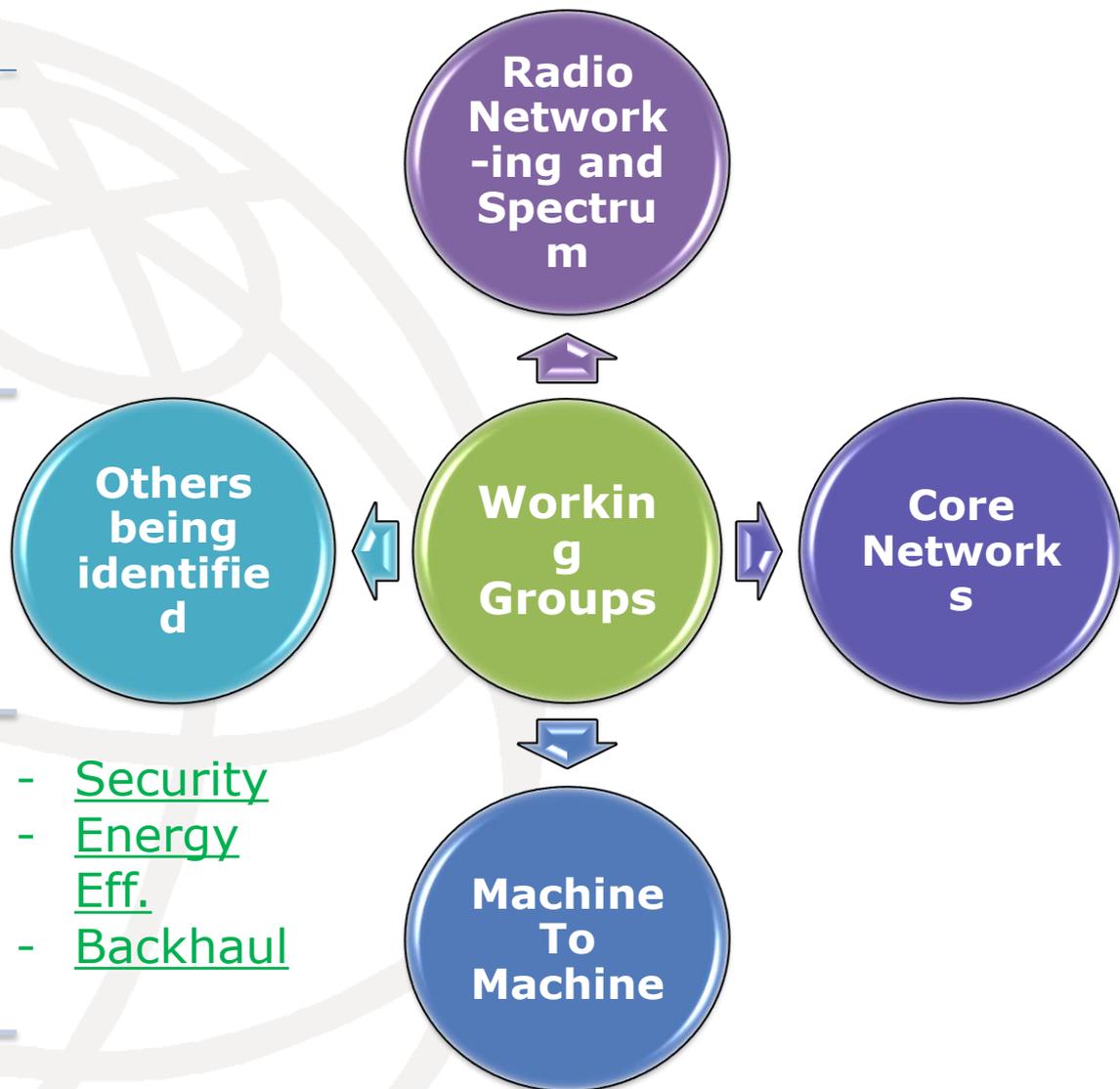
- ITU (Sector Member as a Regional SDO) [**Global; Govt. supported by Industry**]
- APT (as an Affiliate) [**Regional; Industry & Govt.**]
- 3GPP (as a Partner) [**International; Govt. supports Industry**]
- oneM2M (as a Partner Type 1) [**International; Govt. supports Industry**]

# WORKING MODEL – BOTTOM UP

PROPOSALS  
BROUGHT IN BY  
MEMBERS

DISCUSSIONS  
AMONG WG/SG  
MEMBERS

CONSENSUS AND  
VOTING BASED  
APPROVAL



- Security
- Energy Eff.
- Backhaul



# Thank You

## Let Us Work Together

Visit us at [www.tsdsi.org](http://www.tsdsi.org) for more details