



# TELECOM INFRA PROJECT®

# Who We Are



# Contents

- 3** Governance & Scope
- 11** Project Group Activities & Priorities
- 20** TIP Academy
- 23** FYUZ



# Governance & Scope

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**Rob Soni**  
Chairman & President



**Larry Alder**  
Secretary/Treasurer

# TIP's Board of Directors



**Amith Maharaj**  
Board Member



**Bernard Bureau**  
Board Member



**Cayetano Carbajo Martin**  
Board Member



**Cristina Rodriguez**  
Board Member



**Francisco Martin Pignatelli**  
Board Member



**Kaniz Mahdi**  
Board Member



**Laurent Leboucher**  
Board Member



**Satish Sharma**  
Board Member



**Thomas Lips**  
Board Member

# Our Mission

TIP is a global community of organizations working together to accelerate the deployment of open, disaggregated, and standards-based network solutions. TIP convenes industry and policy stakeholders, providing a neutral platform for innovation and industrialization, allowing its members to achieve their objectives.



# How We Work

We collectively channel our efforts through the **TIP Framework** and **more than 800 experts** working in our Project Groups.

**Defined use cases,  
blueprints, and test  
requirements within  
Project Groups**

**TIP Testing  
Framework certifying  
deployable solutions**

**Promotion of TIP-  
certified solutions  
and suppliers**

**DEFINED USE CASES, BLUEPRINTS,  
AND TEST REQUIREMENTS WITHIN  
PROJECT GROUPS**

TIP Testing Framework certifying  
deployable solutions

Promotion of TIP-certified solutions  
and suppliers

TIP's Project Groups act as **incubators for new ideas and technology**, working on specific technical and operational challenges within the telecommunications industry. They identify key problems and propose solutions by developing use cases, requirements, and test plans.

This collaborative effort helps to create blueprints, which are **comprehensive roadmaps that provide a structured approach** for deploying a system with specific features and product requirements.



**Neutral Host**  
& Infra Sharing  
TELECOM INFRA PROJECT®



**OOPT™**  
TELECOM INFRA PROJECT®



**OpenLAN™**  
TELECOM INFRA PROJECT®



**OpenRAN™**  
TELECOM INFRA PROJECT®



**TelcoAI™**  
TELECOM INFRA PROJECT®

Defined use cases, blueprints, and test requirements within Project Groups

## TIP TESTING FRAMEWORK CERTIFYING DEPLOYABLE SOLUTIONS

Promotion of TIP-certified solutions and suppliers

Solutions are tested against the defined criteria using the **TIP Testing Framework**. This process is managed by our **Test & Validation Council**, and uses a network of regional TIP-authorized labs. The completion of tests against these criteria leads to a badge.



### BRONZE

A vendor has self-assessed and confirmed their product or solution complies with TIP's requirements.



### SILVER

A product has been tested in a controlled environment to verify its alignment with TIP-defined specifications.



### GOLD

A solution has been comprehensively tested, usually in a live environment, and validated in accordance with TIP's test plans.



Defined use cases, blueprints, and test requirements within Project Groups

TIP Testing Framework certifying deployable solutions

PROMOTION OF TIP-CERTIFIED SOLUTIONS AND SUPPLIERS

After a solution or product has been tested and badged, TIP promotes it through several channels to **encourage industry adoption**.

TIP promotes its certified vendors and integrators by **providing a public platform to showcase their commercial-ready solutions**, which have been rigorously tested and validated to build buyer confidence and **accelerate global deployment of open networks**.

This approach enables a **“test once, deploy many times” model**, streamlining the supply chain and making it easier for operators to adopt new technologies.



A showcase of TIP-qualified products and solutions from the community. It serves as a marketplace where service providers can simplify their search for interoperable solutions and connect with verified partners. This platform helps to drive new connectivity solutions to the market by providing a space for solution providers to demonstrate their capabilities and form partnerships.



TIP's signature annual trade event, bringing together a community of innovators and industry professionals to network, share knowledge, and promote their businesses. The event serves as a platform to educate the community on the future of open and disaggregated networks. Fyuz hosts a wide range of attendees, including operators, vendors, systems integrators, and policymakers.

# TIP is uniquely positioned to enable market scaling of Open Network Solutions



**CONVENER**  
OF THE TECH  
COMMUNITY

**ENABLER**  
OF INDUSTRIALIZED  
SOLUTIONS

**FACILITATOR**  
OF INNOVATION

STANDARDS  
BODIES

TELECOM OPERATORS &  
SERVICE PROVIDERS

NETWORK SOLUTION  
PROVIDERS

TEST LABS &  
SPECIALISTS

GOVERNMENT, RESEARCH  
& ACADEMIA

## GLOBAL OUTCOMES

Certified,  
Deployable  
Solutions

More  
Deployments

Supply  
Diversification

Global Scaling

Further  
Innovation



TELECOM INFRA  
PROJECT®

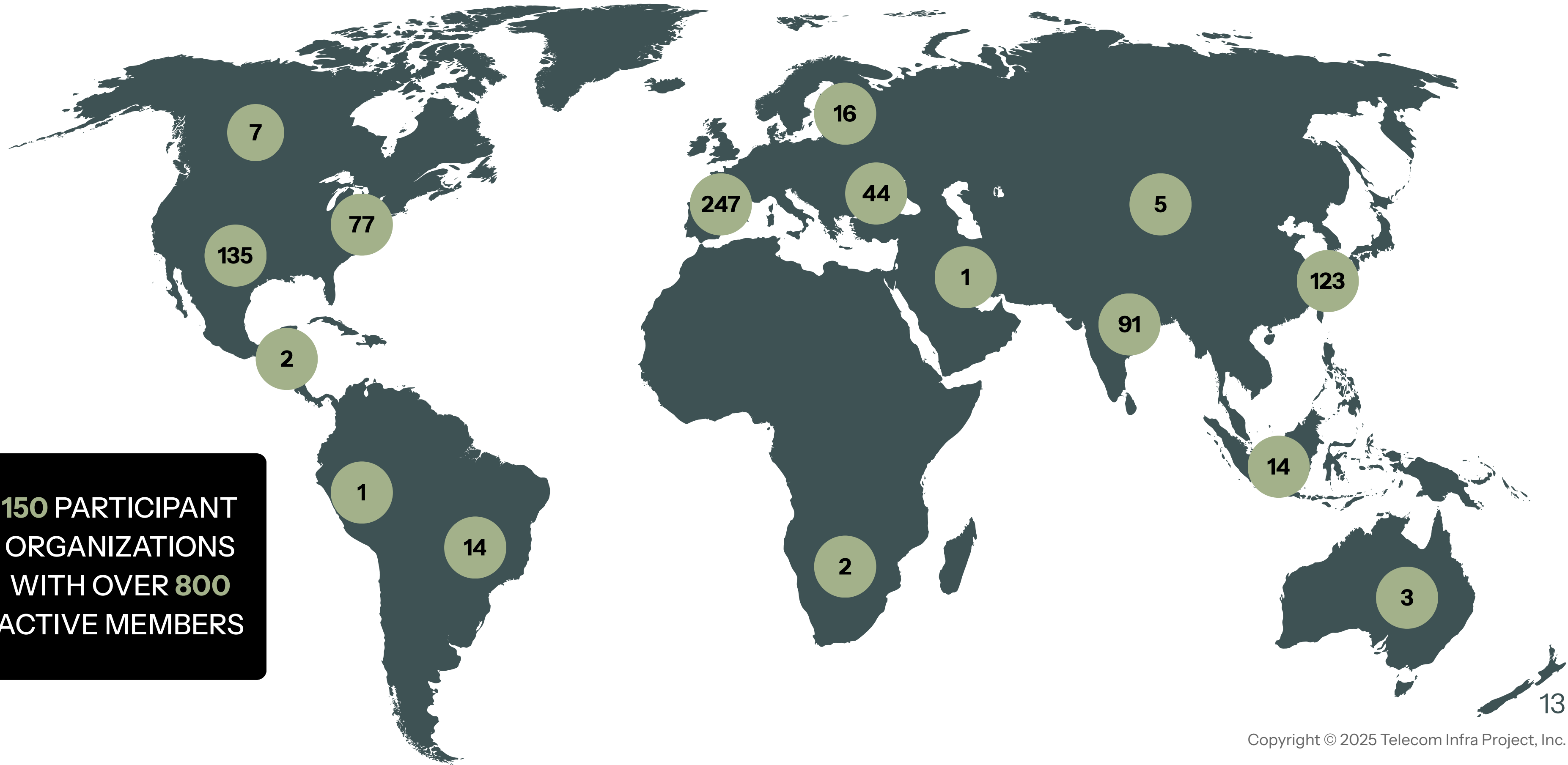
# Project Group Activities & Priorities



# Participating Organizations by Classification



# Participating Members by Continent





# Neutral Host & Infra Sharing

 TELECOM INFRA PROJECT®

- Led by **IONX Networks, CloudExtel, Proptivity, Airspan**
- Focus on showcasing technically and commercially viable Neutral Host models integrated with mobile operators, deployed to address inbuilding and outdoor denisification coverage requirements in different regions.



# OOPT™

 TELECOM INFRA PROJECT®

- Led by **Telefónica, Orange, MTN, Vodafone, Telia, NTT, KDDI**
- Growing community and strong market visibility, aligned with IOWN Global Forum
- Multi-operator testing program for IPoDWDM
- NTT and MTN deploying Phoenix 400G transponder



- Led by **Shasta Cloud, Join Digital, Inventum, Galgus, Pavlov Media**
- Enterprise-grade, open source-certified, end-to-end WiFi system and LAN switching, in line with WiFi 6 and 7 standards
- Grow market for TIP OpenWiFi, with hundreds of thousands of access points deployed for the multi-dwelling sector and mobile offloading



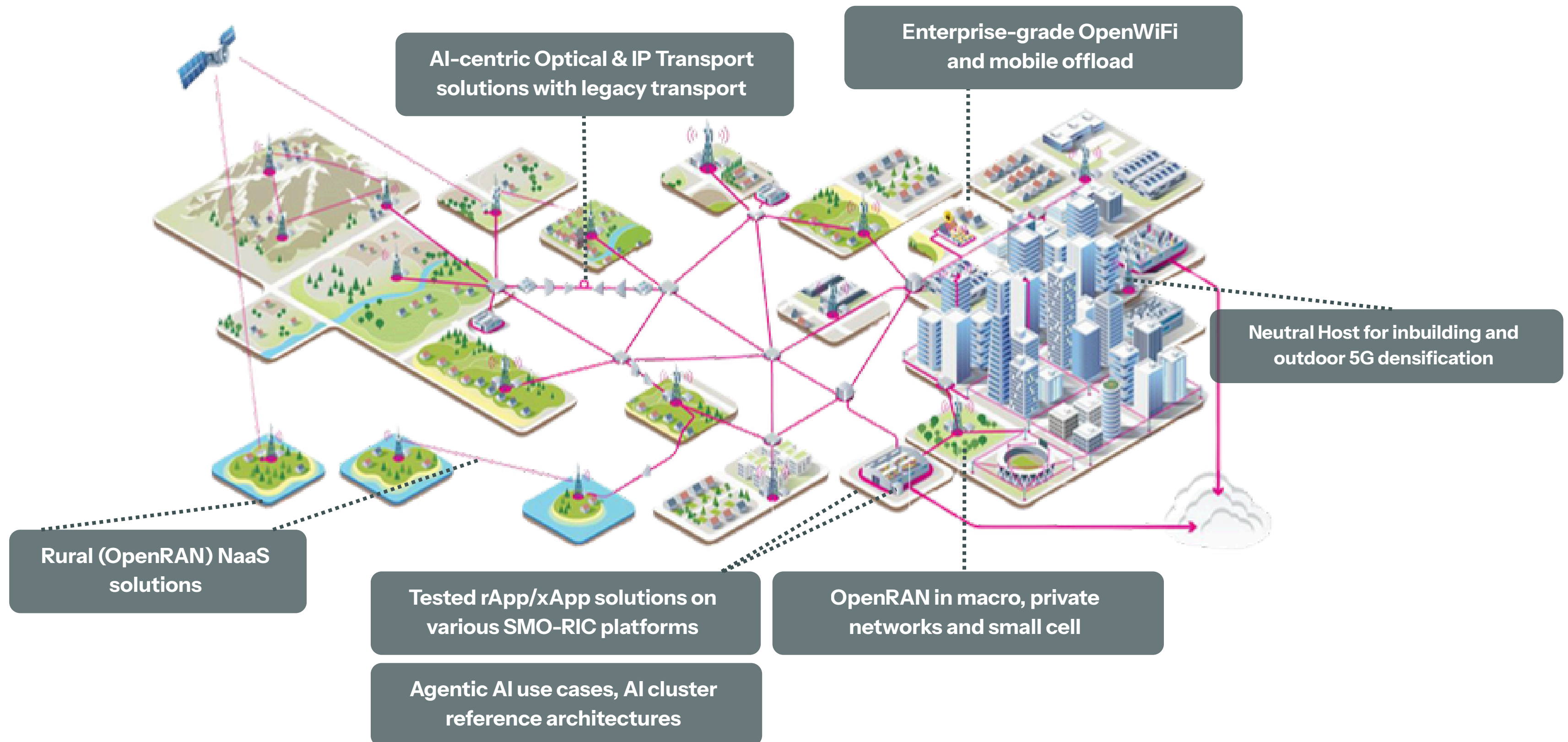
- Led by **AT&T, TELUS, Boost Mobile, Deutsche Telekom, Vodafone**
- Solutions subgroup focusing to enhance Open RAN system performance
- Scaling SMO-RIC and rApps marketplace with definition and telco-grade testing of a prioritized set of telco-requested rApps



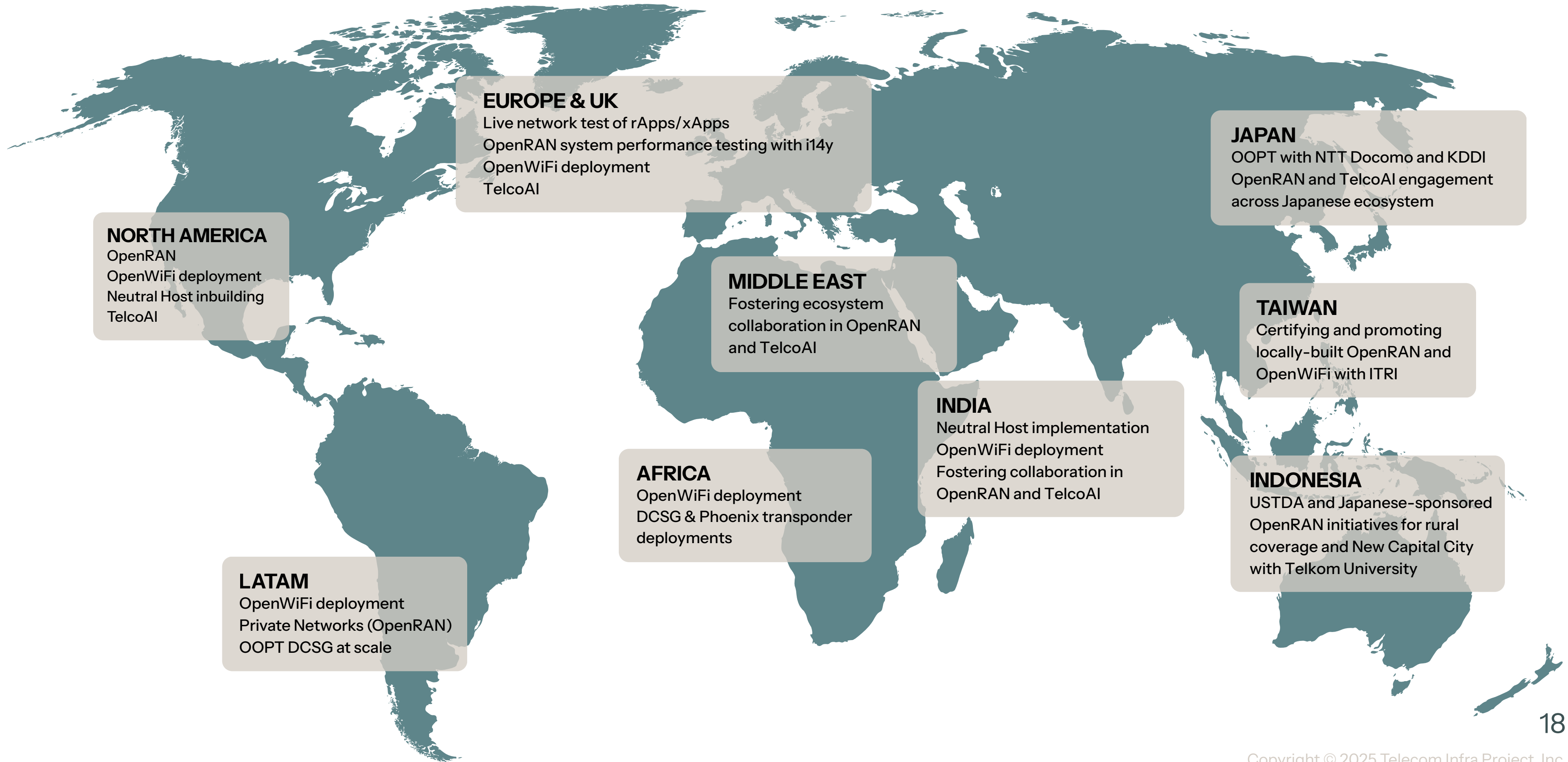
- Led by **Orange, Deutsche Telekom, NVIDIA, Intel**
- Reference architecture blueprints defined for different AI cluster sizes
- Initial use case focus on Agentic AI solutions for B2B and B2C with Orange PoC
- Develop an industry facility or blueprint for real-world network data management, and governance for training and productizing AI applications



# TIP has blueprinted examples of validated and deployable solutions based on common telco requirements



# Coordination with industry and government activities to drive economies of scale and further innovation



## Testing & Badging

First OpenRAN System  
Performance Test Plan published

MANTRA multi-vendor IPoDWDM  
Proof of Concept

~40 TIP Badges awarded over the  
course of 2024

## Trials & Deployments

9 priority rApps/xApps tested live

Phoenix Open Transponder tested  
live in South Africa

100K+ OpenWiFi Access Points  
deployed globally

## Breaking New Ground

2 Playbooks published supporting  
neutral host deployment

Charting new areas of innovation in  
TelcoAI


800+ certificates issued to 1500+  
learners by TIP Academy

# Key Highlights



# TIP

## ACADEMY

 TELECOM INFRA PROJECT

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in collaboration with **accenture**

# TIP Academy: Addressing the skills gap as the industry transforms

We estimate that the **\$14 billion** global equipment market draws a directly-related services market of **\$21 billion**--about **60% of the total addressable market**.

This associated services market requires more than **170,000 new trained resources** by 2028, with a mix of skills, including:

- Software and systems integration
- Cloud and virtualization technologies
- 5G and 6G communications





in collaboration with **accenture**

Industry-neutral **B2B** and **B2C**

**Available now:** OpenRAN, Telco Cloud

15 courses and webinars:

- **1500+** enrollments
- **800+** certificates issued

**Learn more:** [www.tip.academy](http://www.tip.academy)

A network of global partners delivers TIP Academy value to communities of telecom professionals and students:





# FYUZ™

by  TELECOM INFRA PROJECT®

Fyuz, Telecom Infra Project's signature 3-day trade event since 2022, **brings together innovators, thought leaders, and industry professionals** to shape the future of telecommunications and digital infrastructure.

This dynamic event offers a collaborative platform for **networking, knowledge exchange, and solution-building**, all focused on accelerating the deployment of cutting-edge technologies that drive connectivity around the world.







THREE DAYS OF GLOBAL VOICES, BOLD IDEAS, AND REAL IMPACT.

JOIN THESE ORGANIZATIONS AND MORE AT



by TELECOM INFRA PROJECT\*

NOVEMBER 3-5, 2025  
 CONVENTION CENTRE DUBLIN  
 REGISTER NOW AT [FYUZ.ORG](https://fyuz.org)

# NOVEMBER 3

**M1. Welcome & Opening Keynotes**

**M2. Industry Perspectives from Leaders within the TIP Community**

**M3. Automation in Practice across Networks & Operations**

**M4. A Trusted Path to Scaling RAN Automation & Intelligence**

**M5. Deep Dive on Agentic Networks with AWS**

**LUNCH Accelerator Stage Sessions**

<b>B1. OpenRAN Technology Breakout</b>	<b>B2. OOPT Technology Breakout</b>	<b>B3. OpenLAN Technology Breakout</b>
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**Coffee & Networking Break**

**S1. Special Content Session by ERICSSON**

**Happy Hour sponsored by HPE**

# NOVEMBER 4

**M6. Scaling OpenRAN**

**M7. Advancing Open Optical & Packet Transport**

**M8. Success Cases in Neutral Host & Infrastructure Sharing**

**LUNCH Accelerator Stage Sessions**

**M9a. The Evolution & Impact of AI in Telecoms**

**M9b. AI for Networks**

**M9c. Networks for AI**

**Coffee & Networking Break**

**TelcoAI Innovators Forum**

**Happy Hour**

# NOVEMBER 5

**S2. TelcoAI Breakout**

**M10. Addressing Barriers to Scaling Open Network APIs**

**M11. QoE in Voice, Video, and Messaging**

**M12. Journey to 6G**

**M13. Evolution of Non-Terrestrial Networks (NTN) with Wireless**

**Lunch & Networking Break**

**AGENDA KEY**

- KEYNOTES (MAIN STAGE)**
- ACCELERATION STAGE SESSIONS**
- SPECIAL CONTENT SESSIONS (SPONSORED)**
- BREAKOUTS**
- NETWORKING BREAKS**



# Powering the Future of Telecom

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The Telecom Infra Project (TIP) is a global force driving a revolution in network infrastructure. We are a diverse community of organizations dedicated to accelerating the deployment of open, disaggregated, and standards-based network solutions. By providing a neutral platform for innovation and industrialization, TIP empowers its members to achieve their objectives and reshape the industry.

## Join the Movement

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By bringing together operators, solution providers, and other key players, TIP fosters an environment of collaboration that leads to more deployments and global scaling. We are not just talking about the future of telecom—we are building it, one open solution at a time.

[www.telecominfraproject.com](http://www.telecominfraproject.com)



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