



ASIA OPEN RAN ACADEMY

~ AORA ~

Achie Atienza

AP* Retreat @ APNIC56
The Prince Kyoto Takaragaike
11 Sep 2023

KAMUSTA ! :)



Achie Atienza

Globe Telecom

Peering, Interconnection & Strategy
IP Ecosystem

Internet Society Philippines (ISOC-Ph)

Board of Trustee

Philippine Network Operators Group (PhNOG)

Chair

APNIC Executive Council (APNIC EC)

Asia Pacific Network Information Centre
Board Member / Secretary

Asia Open RAN Academy (AORA)

Chair

DISCLAIMER



PH IN NUMBERS

7,641
Islands
(high tide)

2,000
Inhabited (26%)
3 Major Island
groups

117.6M
(as of Sep 2023)

MANILA
Capital

10

International Submarine
Cable systems

742

Autonomous System Number
(ASNs)

12

Local Internet
eXchange Points (IXPs)

9

International Cable
Landing Stations (CLS)

17

Data Center (DC)
Facilities

AORA : Asia Open RAN Academy

- An **Alliance** of Academic, Government, and Industry stakeholders based in the Philippines and will ultimately serve the entire Indo-Pacific region and beyond
- Funded initiative by “USAID”
(United States Agency for International Development)
- Incorporated March 2023
Nonprofit international NGO based in the Philippines

AORA : Asia Open RAN Academy

ACADEME

Knowledge Sharing
(KnowS)
Public Lecture Series
(PuLSe)
CPD Points

Foundational
Basic
Advance
Certification

PARNERSHIPS

Academe/Universities
Professional
Private
Public
NGO
Regulatory
Government

Domestic
International

LAB/ SUSTAINABILITY

Partnerships
Network of Labs
(Community Lab,
Network in a box,
Certification Lab)

Donations
Grants

AORA : Alliance

Strategic

Industry
Circles

Academic

Enrichment

Attendees
3,215

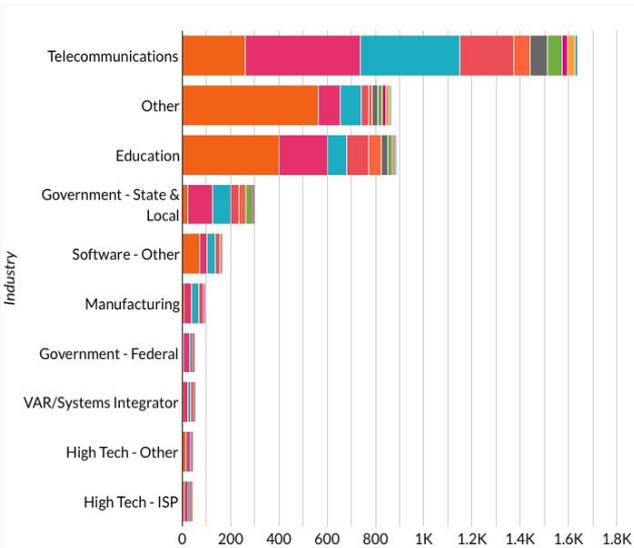
Minutes in Session (Average)
152.53

2023
18
Sessions

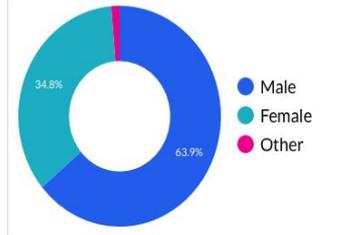
Participating Organizations
1,570

Participating Industries
39

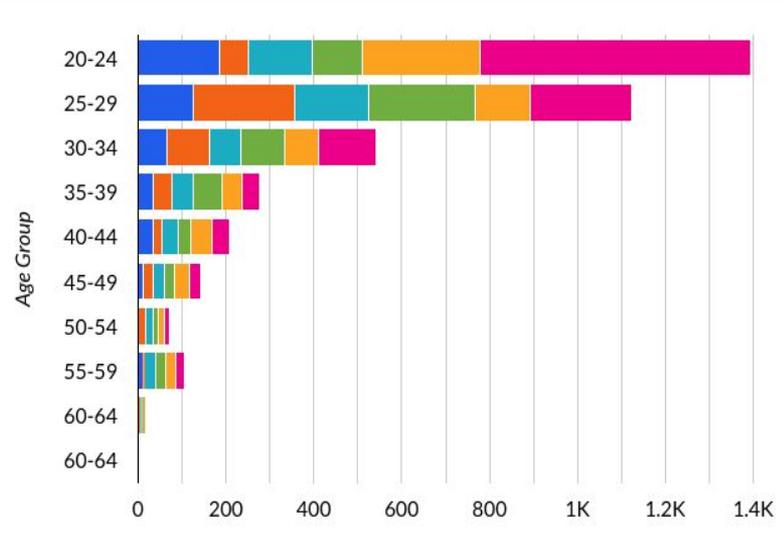
Industry and Employment Status



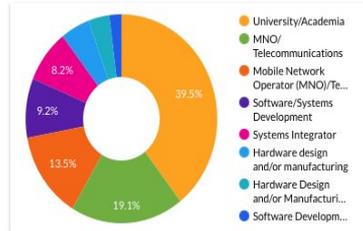
Gender



Age Group and Field of Work



Institution



AORA

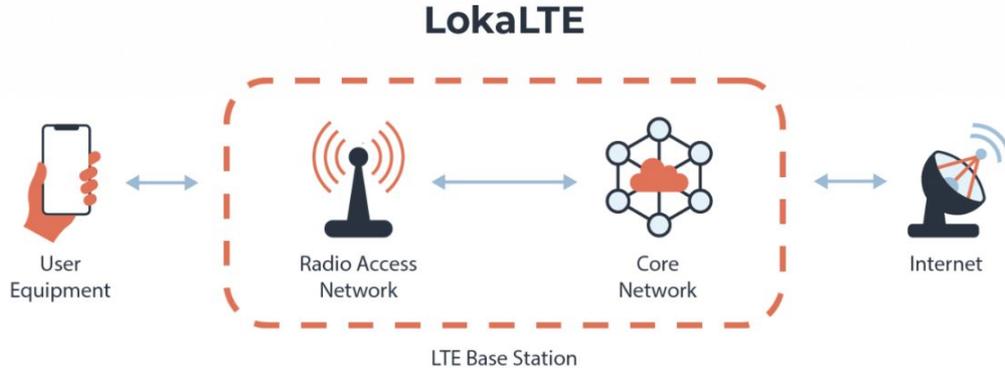
1st Anniversary (July 20-21, 2023) | TIP Recognition (Sep 5, 2023)



Use Case : REIINN (Resilient Education Information Infrastructure for the New Normal)

Project REIINN Components

LokaLTE develops and deploys community LTE Networks in rural areas.



User Access:

- Educational Materials
- Cached Content
- Local Portal

Computing Storage and Equipment

- LTE network monitoring and control
- Subscriber management
- Radio components (SDR, front-end, antennas)

External Network

- Link to the outside world

REIINN breaks ground for first LokaLTE tower; supports online learning in remote areas

26 May 2022 11:04 AM

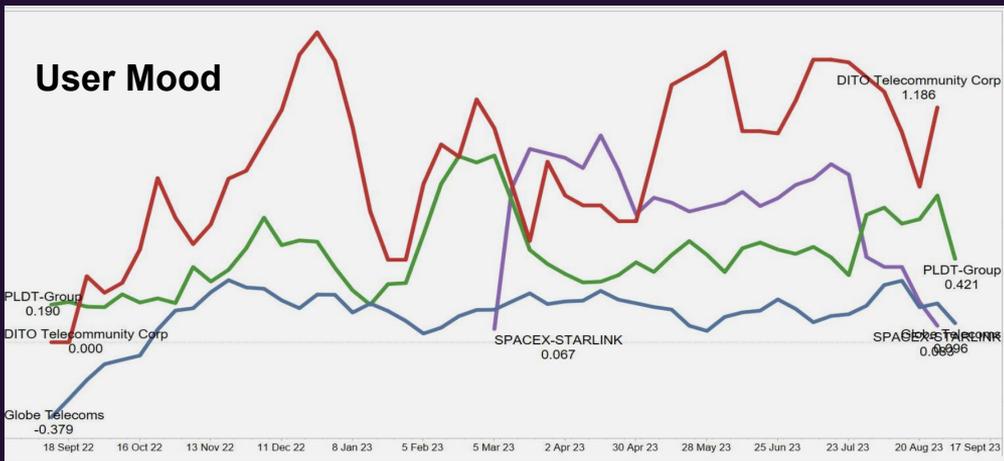
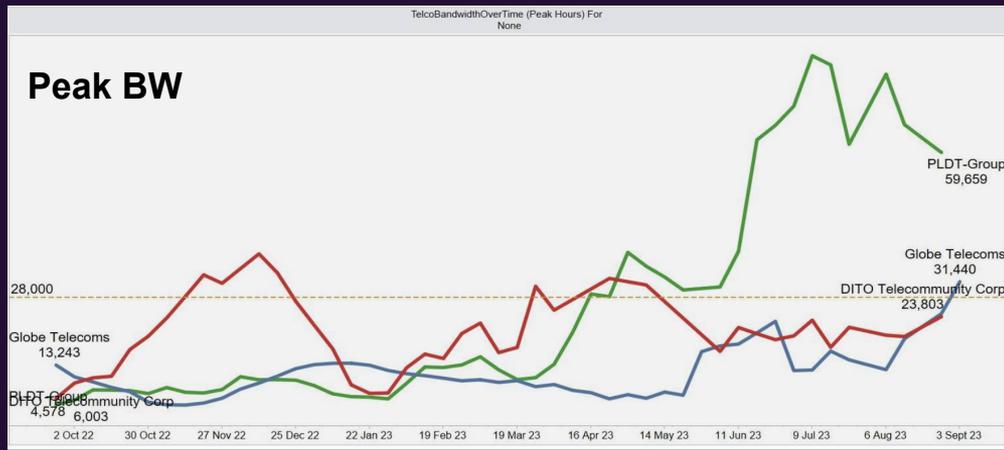
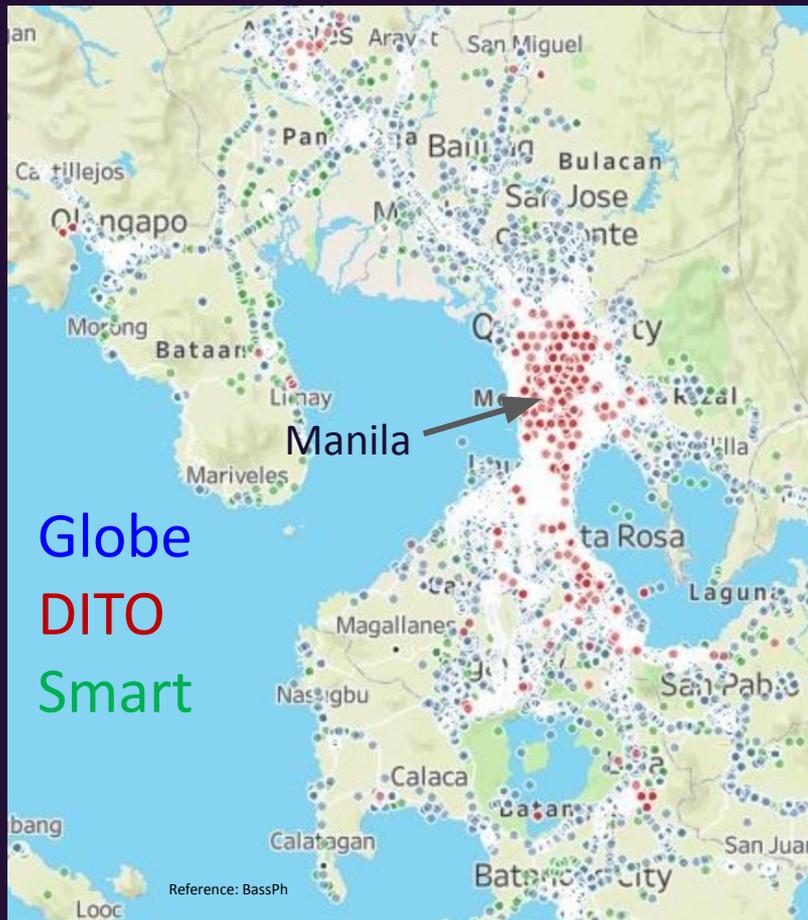
By [Mary Grace Datiles](#)



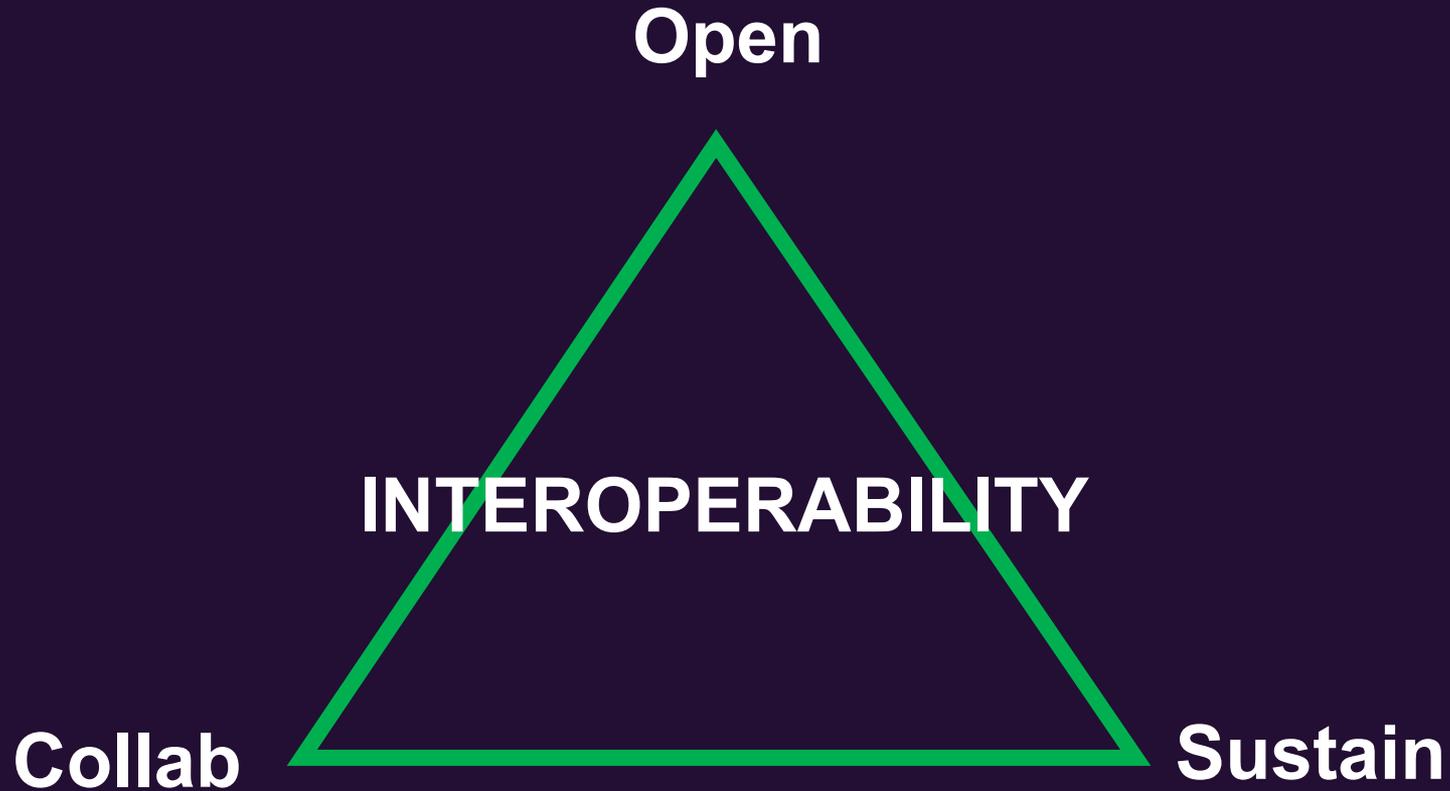
Project REIINN team and its partners posed after the groundbreaking ceremony.

REIINN is Initiated by DOST-ASTI

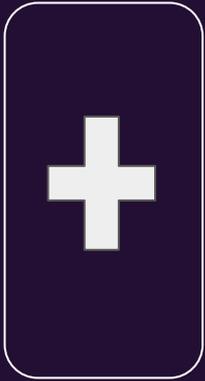
AORA : Ph Measurements using BassPh (As of Sep 4, 2023)



AORA : Next Steps



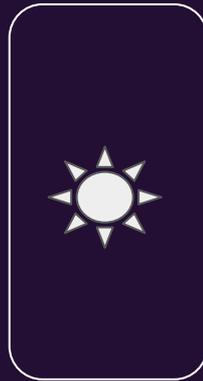
Initiatives that matter, Not just compliance



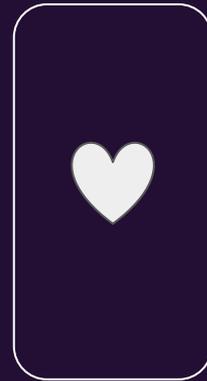
Healthcare



Education



Agriculture



**Distaster
Monitoring
/ Mitigation**

MARAMING SALAMAT!

Chair:

Vincent “Achie” Atienza

Globe Telecom

Vice-Chair:

Marikol Akol

PhilNits & PICTO

Sec-Treasurer:

Dr. Alvin Marcelo

AeHIN, UP, PGH ATIP

Board Members:

Arvin Siena (*Smart*)

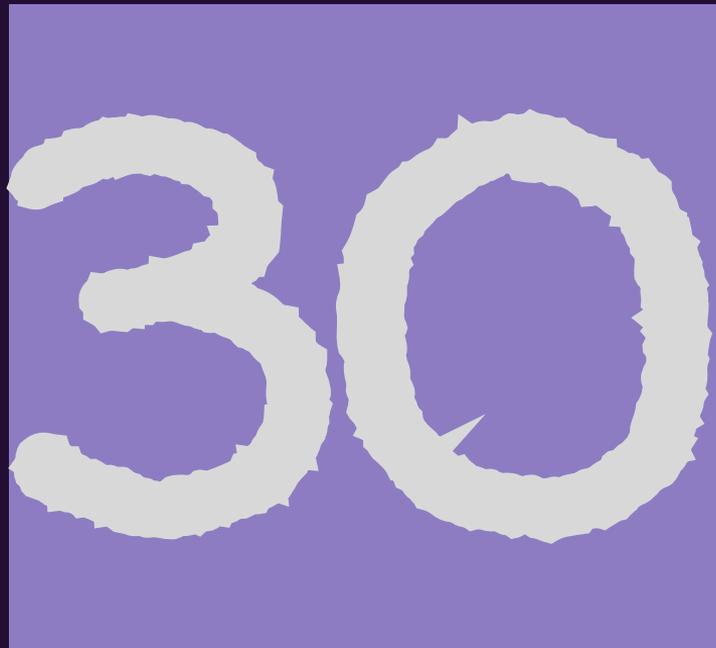
Dr. Jaybie De Guzman (*UP-Diliman*)

Mahesh Kasar (*Rakuten*)

Gerard Hayes (*Wireless Research Center*)



QUESTIONS?



30

Years of
Philippine
Internet

1994 | March 29 | 2024