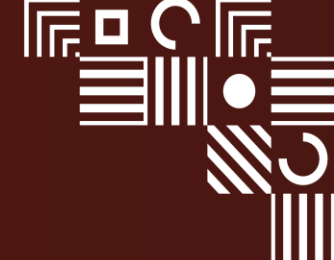


How Partnership Boosts BAKTI Contribution to Close the Digital Gap in the Country's Effort to Digitalize the Nation

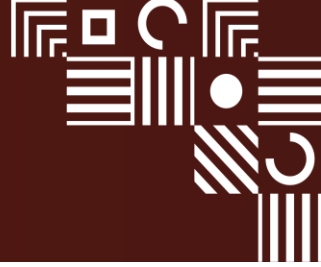
Anang Achmad Latif (President Director of BAKTI KOMINFO)

ITU Regional Development Forum Online 2020
Session 2a: Partnerships for Supportive Policies and Regulations for ICTs
Tuesday, November 3, 2020 – 12.00 JKT TIME





MCIT targets to complete the construction of fiber optics, BTS, and microwave links by the end of 2022, to have 4G access. BAKTI is committed to facilitate access to internet coverage throughout Indonesia.



BLU-BAKTI is a Non-echelon organizational unit in the Ministry of Communication and Information Technology (MCIT) that implement the Public Service Agency Financial Management Pattern

BAKTI main task is to **provide ICT (Information and Communication Technology) infrastructure and ecosystems for the public**, funded by the contribution of the USO from Telecommunications Operators, 1.25% of the telecommunications provider's annual gross revenue.

VISION

Bridging the digital divide for a better future for Indonesia.

MISSION

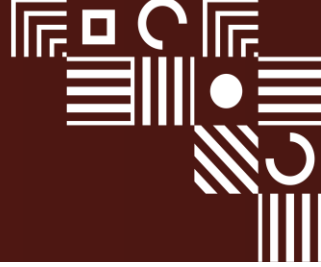
Providing quality and targeted Universal Service Obligation (USO) services in order to address the digital divide in Indonesia.



Kewajiban Pelayanan Universal (KPU) **Universal Service Obligation (USO)**

"The concept of the USO Telecommunications and Informatics is one of the government's efforts to equalize the ICT network in the country"

PRESIDENT JOKOWI MANDATES ON HOW TO ESCALATE THE DIGITAL TRANSFORMATION



1

Immediately accelerate the expansion of accessibility and enhancement of digital infrastructure and the provision of internet services

2

Prepare a digital transformation roadmap in strategic sectors. Whether in the government, public services, social assistance, education, health, trade, industry and broadcasting sectors

3

Accelerate the national data center integration

4

Prepare the need of digital talent human resources

5

Those related to regulations, funding schemes and financing should be prepared as soon as possible



Presiden Jokowi

Monday, August 3 2020



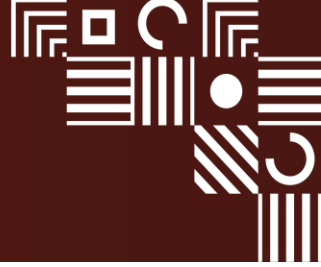
Johnny G. Plate

Minister of Communication and Information Technology

Indonesia's vast geographical landscape requires robust and strong digital infrastructure

Vigorous collaborations have enabled Indonesia to deploy massive digital infrastructure from the first mile to the very last mile

We must turn this crisis into a giant leap in transforming our digital ecosystem



NATIONAL BACKBONE NETWORK (CORE)

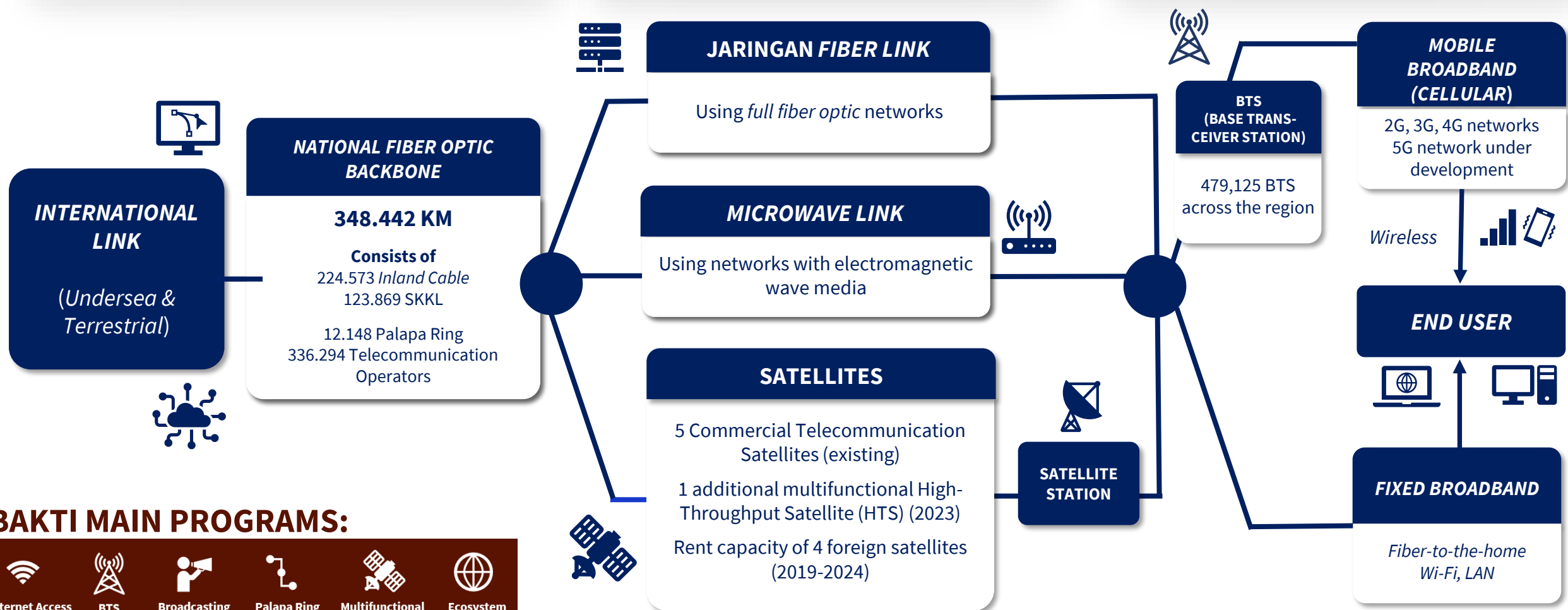
connecting between cities/districts
(e.g. Palapa Ring and Telecommunications Operator Networks)

MIDDLE MILE NETWORK (BACKHAUL)

connecting cities / districts with sub-districts
(e.g. Satellite, optical fiber, and microwave)

LAST MILE NETWORK (ACCESS)

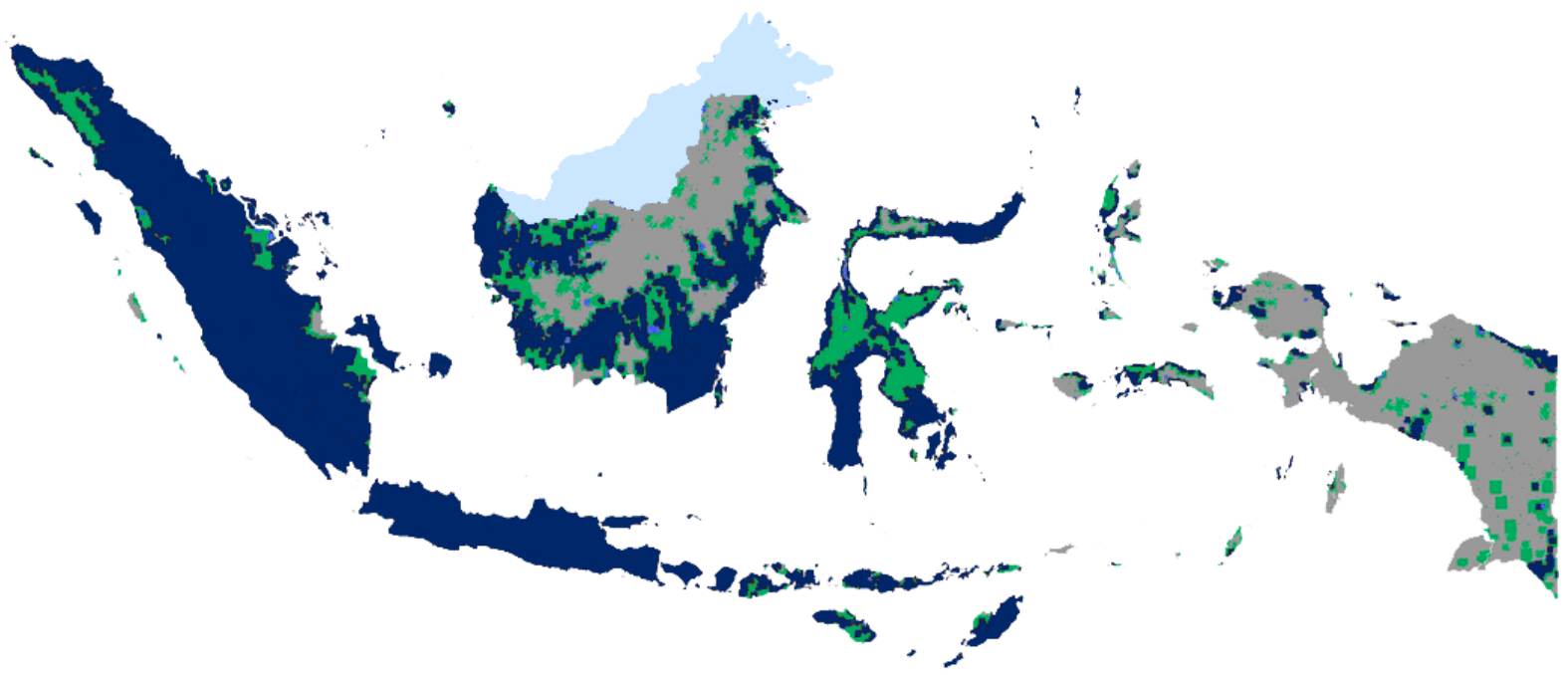
connecting to customers
(e.g. 4G BTS, WiFi internet access, etc.)



BAKTI MAIN PROGRAMS:



BRINGING MOBILE BROADBAND (4G) TO ALL UNSERVED AREAS (12,548 VILLAGES AND DISTRICTS)



INTERNET REACHABILITY MAP BASED ON ADMINISTRATIVE APPROACH (VILLAGES)

TOTAL VILLAGES IN INDONESIA 83.218 VILLAGES	
VILLAGES WITH 4G ACCESS 70.670 VILLAGES	
VILLAGES WITH NO 4G ACCESS 12.548 VILLAGES	
3T REGION VILLAGES WITH NO 4G ACCESS 9.113 VILLAGES	NON 3T REGION VILLAGES WITH NO 4G ACCESS 3.435 VILLAGES

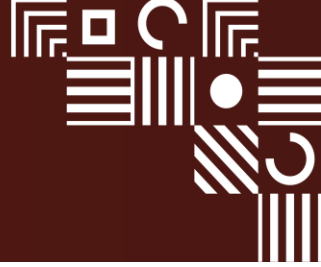
INTERNET REACHABILITY MAP BASED ON GEOGRAPHICAL APPROACH (INDONESIA LAND AREA)

LAND AREAS: 1.899.753 KM²



Note: calculated based on the coverage of Indonesia's land area, including mountains and forests.

PRESENTING FIXED BROADBAND (WI-FI) TO ALL PUBLIC SERVICE CENTRES WITH NO/LACK ADEQUATE INTERNET ACCESS (150.000 POINTS)



TOTAL OF PUBLIC SERVICES POINT 501.112 POINTS

Schools	380.979	points
Local govt.	90.541	points
Medical Fac.	15.404	points
Polsek/Koramil	14.188	points

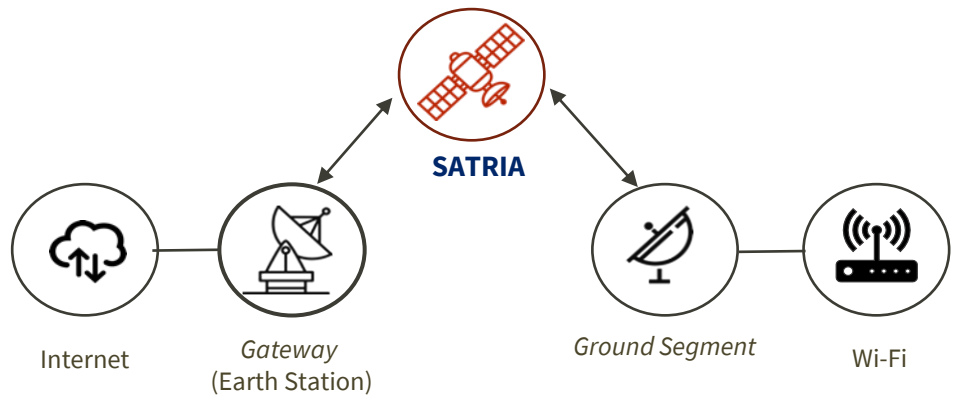
TOTAL OF PUBLIC SERVICES POINT WITH GOOD INTERNET ACCESS 351.112 POINTS

Schools	287.079	points
Local govt.	42.041	points
Medical Fac.	11.704	points
Polsek/Koramil	10.288	points





TOTAL OF PUBLIC SERVICES POINT IN NEED OF ADEQUATE INTERNET ACCESS 150.000 POINTS


Schools	93.900	points
Local govt.	47.900	points
Medical Fac.	3.700	points
Polsek/Koramil	3.900	points
Others (K/L)	600	points

^{*)} KPBu Assumption



Satellite Road Map to Provide 150,000 Wi-Fi points

2023	2024	2030
  Backup 80 Gbps SATRIA-1 150 Gbps	 SATRIA-2 300 Gbps	 SATRIA-3 500 Gbps
SPEED OF INTERNET SERVICE		
1 Mbps/points	s.d. 10 Mbps/points	s.d. 20 Mbps/points

 **SATRIA satellite** will provide fast Internet (Wi-Fi) services for public services. **The service is planned to operate in the third quarter of 2023.**

THE IMPORTANCE OF PARTNERSHIP TO RUN BAKTI PROGRAMS



BTS



Multifunctional Satellite



Internet Access



Ecosystem



Palapa Ring



Broadcasting





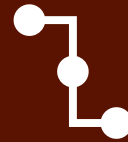
THANK YOU



Internet Access



BTS



Palapa Ring



**Multifunctional
Satellite**



Ecosystem