1st Quarterly Report
31 December 2020

The JENDELA Action Plan

Eight (8) targets realisation

Four (4) policy support

Four (4) CIMS KPIs have been proposed

	2020	2021	2022
JENDELA Targets	Construct 940 new mobile sites in urban and suburban		
	Upgrade 16,214 existing base stations at urban & suburban areas		
	Fiberise 352,101 premises		
National target realisation of 96.9% mobile coverage, 35 Mbps speed and 83% of premises passed*	*Upgrade 4,589 existing 2G/3G base stations to 4G to expand coverage and increase the speed*		
	Sunset 3G network and migrate the spectrum for 4G technology use		
	Fiberise 1,245,452 additional premises		
	Construct 1,661 new sites across Malaysia to extend the mobile 4G coverage in rural and remote areas		
	Fiberise 929,631 additional premises		
Policy Support & Harmonisation	1 ***Blanket approval*** *for States and PBTs (based on the commencement of USP sites)*		
	2 *Access to* ***Federal-owned lands and buildings*** *to develop digital infra*		
	3 ***Digital infrastructure*** *to be planned, deployed and treated as* ***public utility***		
	4 *Standardisation of* ***electricity tariff*** *for communications service based on industrial rates*		
National Digital Infrastructure Map	1 **CIMS to be upgraded** into a one-stop digital infrastructure databank	2 **Rakyat-centric Portal** on Service Coverage Availability by SPs 3 Policy Development on **Infrastructure Asset Management Framework**	4 **Integration of e-Spectra and CIMS**

Phase 2: Ongoing discussion between MCMC and Ministries on introduction of 5G and new technology

- 5G demo
- 5G planning and priming for infra to be 5G-ready
- 5G rollout to meet the National Aspirations

* Service to be made available within 14 business days after request made by potential subscriber

Performance To Date

FIXED-BROADBAND

Premises Passed

456,757 [1]

Target: 352,101

129.7%

MOBILE-BROADBAND

New Sites

876[1]

Target: 940

93.2%

Upgrade Sites

16,367[1]

Target: 16,214

100.9%

[1] completed as at 31 December 2020

Summary of Shortfall Sites

	Digi	U Mobile	Total
Improper planning and lack of execution discipline	1	35	36
Public protest	1		1
State's bureaucracy		4	4
Approval stage at PBT level		6	6
Pending Site Acquisition by State Backed Company	5	10	15
Conditional Movement Control Order (CMCO) impact	2		2
Total	**9**	**55**	**64**

Status To Date
Action Plans to Catch up with Targets

What are the action plans to close the gap?

1. Detail analysis of the industry's challenges and close monitoring performance on weekly targets
2. Escalation to State committees on infra or communications as well as other platforms such as JENDELA Steering Committee (JSC)
3. Seeks YB Minister intervention for engagement with State Government and Local Authorities

State Engagement
Telecommunications recognised as the third utility in Budget 2021

Minister of Communications and Multimedia YB Datuk Saifuddin Abdullah and MCMC have engaged all head of states.

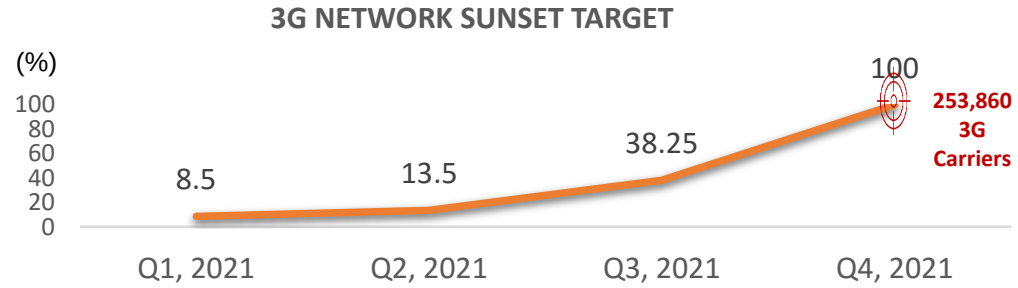
THE STATUS OF STATE GOVERNMENT POLICY IN MAKING TELECOMMUNICATION AS THE 3RD UTILITY				
State	**Notification to State Government**	**Proposal stage**	**State Executive Council Approval**	**Gazette & Implementation at PBT Level**
MELAKA, KEDAH, PERAK, PULAU PINANG, TERENGGANU	YES	YES	No	No
JOHOR, KELANTAN, NEGERI SEMBILAN, PAHANG, PERLIS, SELANGOR	YES	No	No	No
SARAWAK, SABAH	YES	Not Applicable	No	No

"Telecommunication networks now can be categorised as a **third utility.**" - *YB Senator Tengku Dato' Sri Zafrul Tengku Abdul Aziz, Minister of Finance Malaysia (Budget 2021)*

UPDATES:

- ✓ Menteri Besar Johor, YAB Datuk Haji Hasni Mohammad has recognised telecommunication as the third utility on 26 Nov;
- ✓ Meeting with EXCO Kedah held on 9 Dec 2020 to discuss policies at State level;
- ✓ Meeting with Malacca State Government held on 14 Dec 2020. Malacca in principle has agreed the telecommunication is part of the basic utility.

3G Network Sunset - Key Milestones



PHASE 3: POST 3G SUNSET

Q1 – Q2 2022

- Network optimisation
- Monitoring of network performance and customer experience

PHASE 2: IMPLEMENTATION

Q1 – Q4, 2021

- **Start thinning the 3G layers** until fully sunset the 3G network
- Execution of Customer Migration Plan by the SPs
- **Execution of communication plan** consists of 3G Sunset awareness programme, technology awareness and education to general public
- **3G Sunset Pilot Programme** between operators
- **Improvement of 2G and 4G** network nationwide
- Management and **coordination with MVNO, M2M and roaming** partners

WE ARE HERE — ON TRACK

PHASE 1: PLANNING

Q3 – Q4, 2020

- **Formation of 3G Network Sunset Task Force** (KKMM, MCMC, SPs, SIRIM, CFM, Manufacturers) ✓
- **Network and Customer Migration Plans** produced by SPs ✓
- **Issuance of notice for discontinuation of 3G and non-VoLTE capable** devices importation by Jan 2021 ✓
- **Notifications and engagement with device manufacturers and suppliers** to accelerate adoption of VoLTE ✓
- **Engagement** with relevant **stakeholders** ✓

Malaysia accelerates building of 5G use cases by further extending the 5G Demonstration Projects (5GDP) to June 2021

WHAT IS 5GDP?

5G MALAYSIA DEMONSTRATION PROJECTS

*Nurturing industry transformation initiatives by **facilitating, building and nurturing development of promising 5G use cases** in a **live but controlled environment**; and in a broader context, **grow the 5G ecosystem in Malaysia.***

PRINCIPLES

1. **Use case(s) identified by Partners through demand**
2. Includes **trial deployment of a 5G network, provision of 5G equipment and the use of the 5G technology**
3. Apparatus Assignment (AA) **fees waived** for the 5GDP sites during the demonstration period
4. Proposed projects are **industry-funded**
5. **No obligation on MCMC to award the spectrum** to the applicants beyond the demonstration project periods

STAKEHOLDERS

STRATEGIC PARTNERS

MINISTRIES ENGAGEMENT

9 KEY VERTICALS

- Agriculture
- Education
- Digital Healthcare
- Entertainment/Media
- Manufacturing & Processing
- Oil & Gas
- Smart Transportation
- Smart City
- Tourism

OUTCOME OF 5GDP

As of Dec 2020

KEDAH

Verticals:
- Agriculture
- Digital Healthcare
- Education
- Smart City
- Tourism

PENANG

Verticals:
- Manufacturing & Processing
- Smart City
- Tourism
- Education
- Agriculture

PERAK*

Vertical: Manufacturing & Processing

SELANGOR

Verticals:
- Digital Healthcare
- Education
- Smart City
- Tourism

WP KUALA LUMPUR

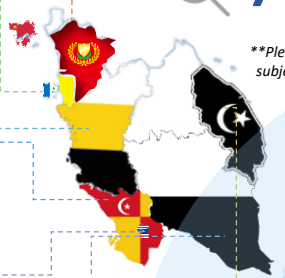
Vertical: Education

PAHANG

Vertical: Education

TERENGGANU

Vertical: Oil & Gas



RM131 Million

9 Verticals

71 Use Cases

50 Live Sites

7 States

***Please note, figures in this document may be subject to change based on projects' progress.

Thank you