

Chapter

# 04

## INITIATIVES UNDER REGULATION 36A OF USP REGULATIONS 2002

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# MAJOR CONTRIBUTOR INITIATIVES

Various initiatives submitted by the major contributors have been approved by the Commission in 2021 under Regulation 36A of the Communications and Multimedia (Universal Service Provision) Regulations 2002. These consist of the deployment of 362 new communications towers, upgrading of 5,394 transmitters, fiberisation of 426 towers, fiberisation of 180,014 premises, and installation of 2 submarine cable systems to local islands with overall length of 52km connection with mainland for Ketam Island in Selangor (17km) and Redang Island in Terengganu (35km) to generate the impacts as illustrated in Figure 6.



1

**362**  
TOWERS

New communications towers

2

**5,394**  
TRANSMITTERS

Existing transmitters upgrade

3

**426**  
TOWERS

Fiberisation of towers

4

**180,014**  
PREMISES

Fiberisation of premises

5

**52**  
KM

Submarine cable systems to islands

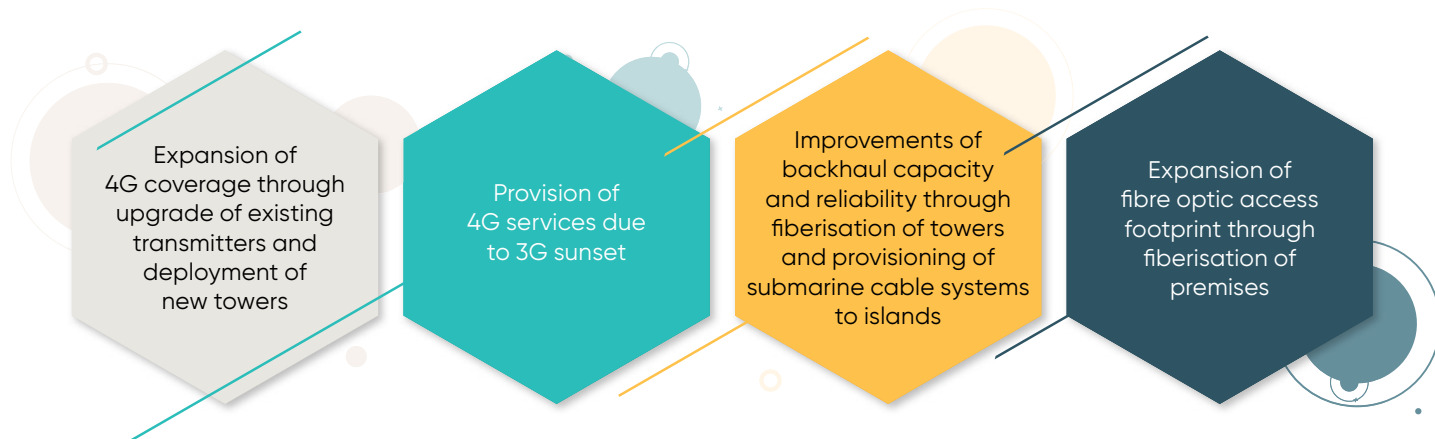


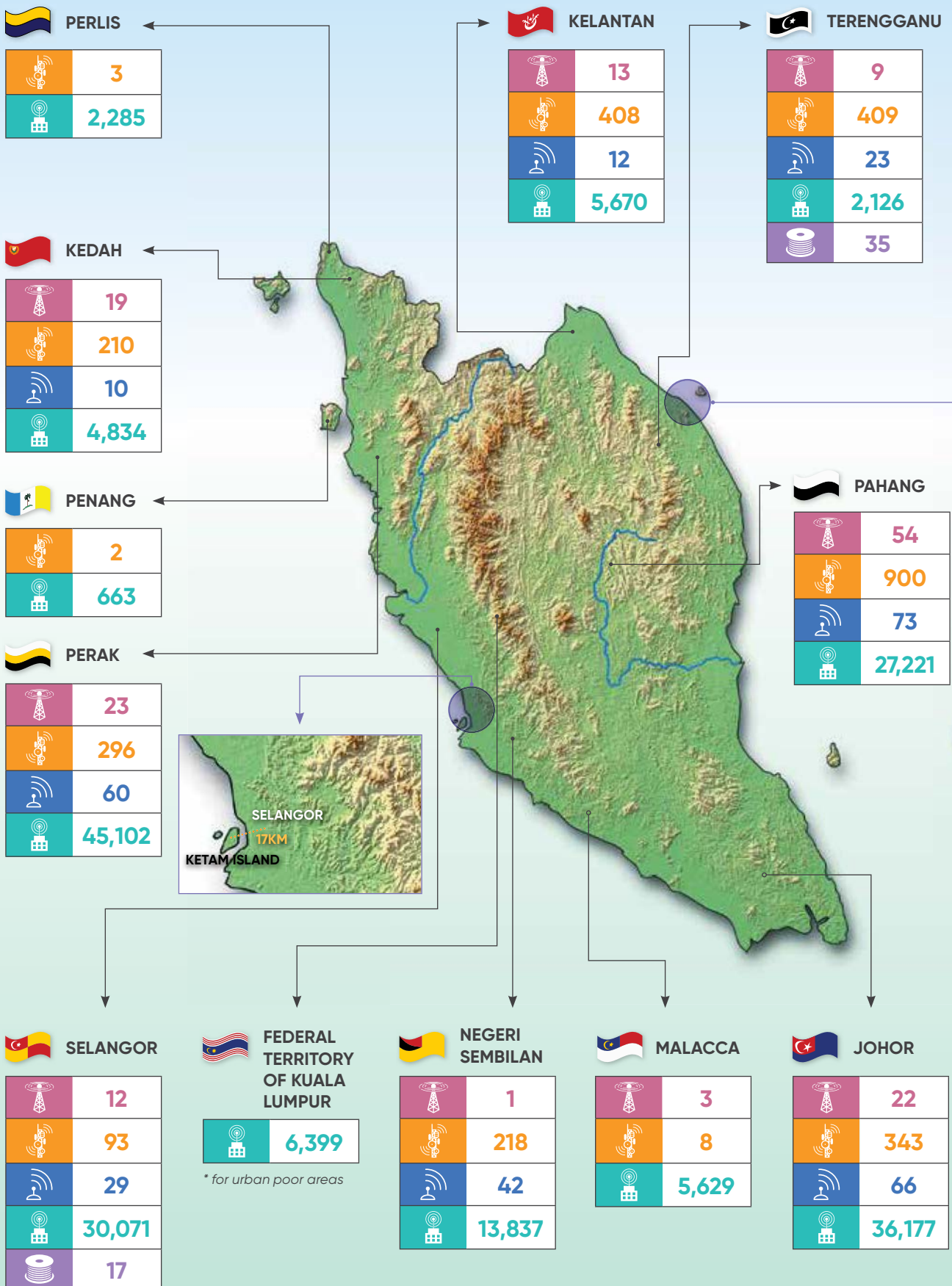
Figure 6: The Expected Impacts

As of 31 December 2021, there were 9 towers out of 362 new communications towers have been completed; 3,408 transmitters out of 5,394 transmitters upgraded and 9,970 out of 180,014 premises connected with fibre optic connectivity.

State	Total Number of Completed		
	New Communications Towers (tower)	Existing Transmitters Upgrade (transmitter)	Fiberisation of Premises (premise)
Johor	-	272	-
Kedah	-	111	1,880
Kelantan	-	228	-
Malacca	-	6	-
Negeri Sembilan	-	125	1,661
Pahang	-	707	-
Perak	-	186	4,804
Perlis	-	2	208
Penang	-	2	27
Sabah	9	756	-
Sarawak	-	628	-
Selangor	-	80	1,390
Terengganu	-	305	-
<b>TOTAL</b>	<b>9</b>	<b>3,408</b>	<b>9,970</b>




Table 4: Number of Initiatives Completed by State

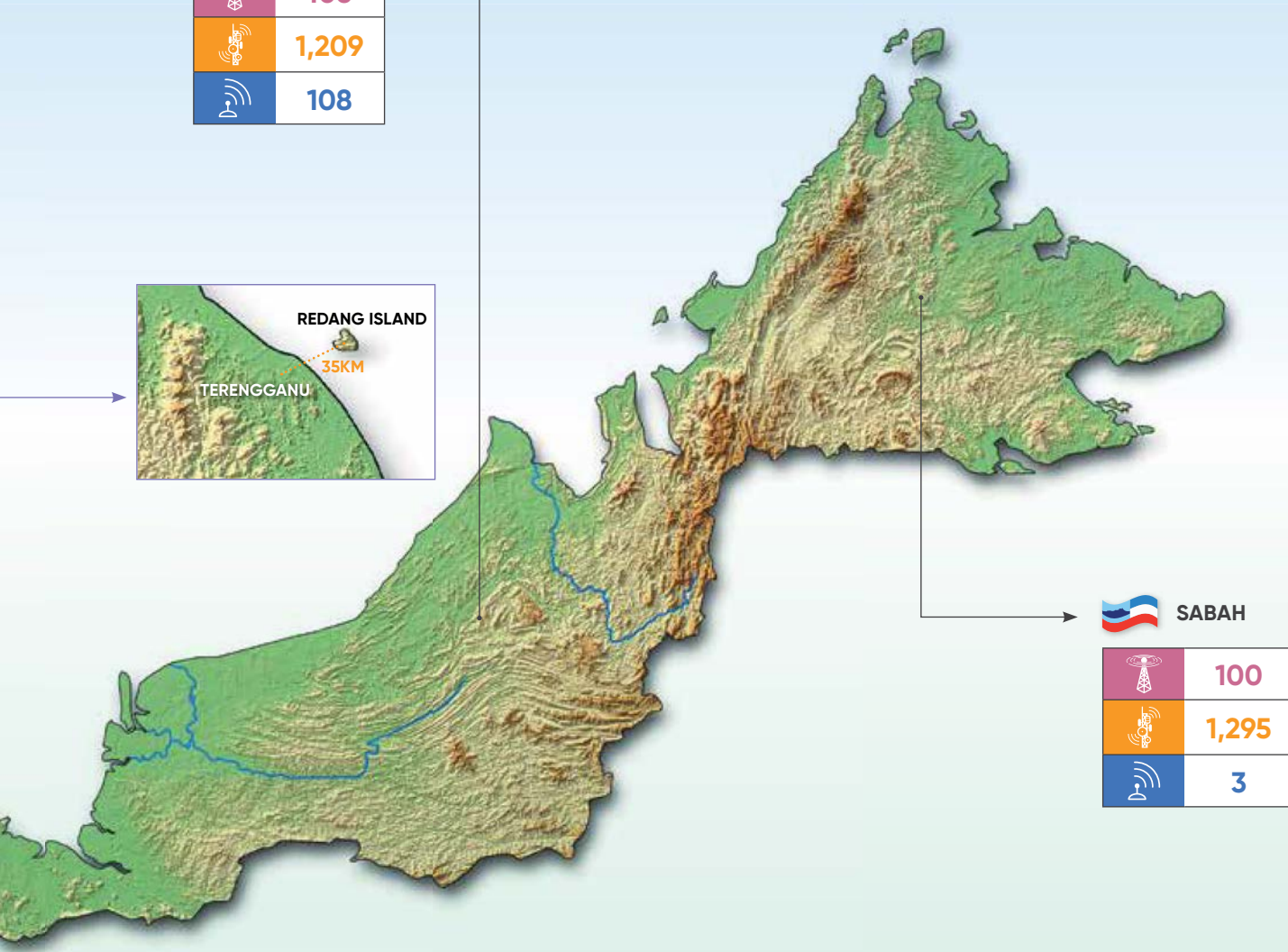
# NUMBER OF MAJOR CONTRIBUTOR INITIATIVES APPROVED IN 2021 BY STATE








SARAWAK

	<b>106</b>
	<b>1,209</b>
	<b>108</b>








SABAH

	<b>100</b>
	<b>1,295</b>
	<b>3</b>



MALAYSIA

	<b>362</b>	<b>NEW COMMUNICATIONS TOWERS (TOWER)</b>
	<b>5,394</b>	<b>EXISTING TRANSMITTERS UPGRADE (TRANSMITTER)</b>
	<b>426</b>	<b>FIBERISATION OF TOWERS (TOWER)</b>
	<b>180,014</b>	<b>FIBERISATION OF PREMISES (PREMISE)</b>
	<b>52</b>	<b>SUBMARINE CABLE SYSTEM TO ISLANDS (KM)</b>