



និយ័តករទូរគមនាគមន៍កម្ពុជា

Telecommunication Regulator of Cambodia

Session 8: Cambodia Universal Connectivity

CamIGF_2025

Phnom Penh, December 6, 2025

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Connectivity Efforts

2

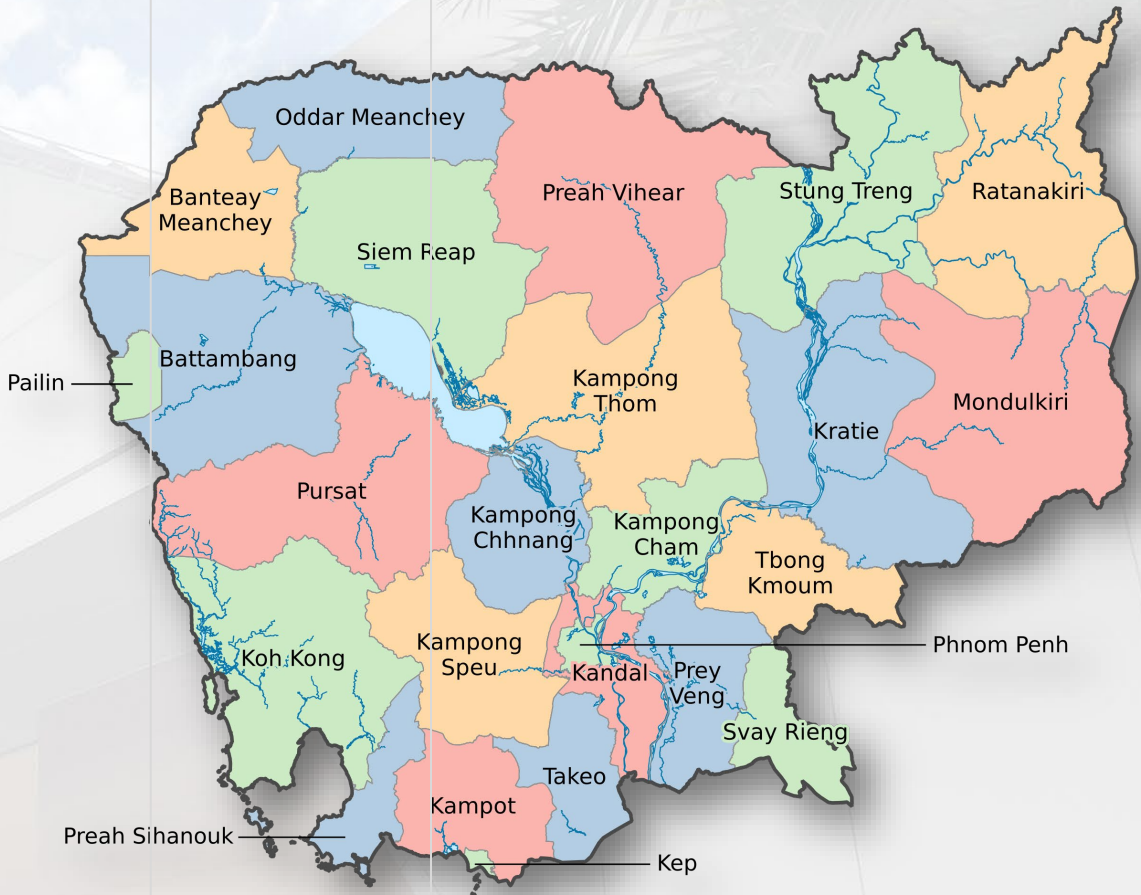
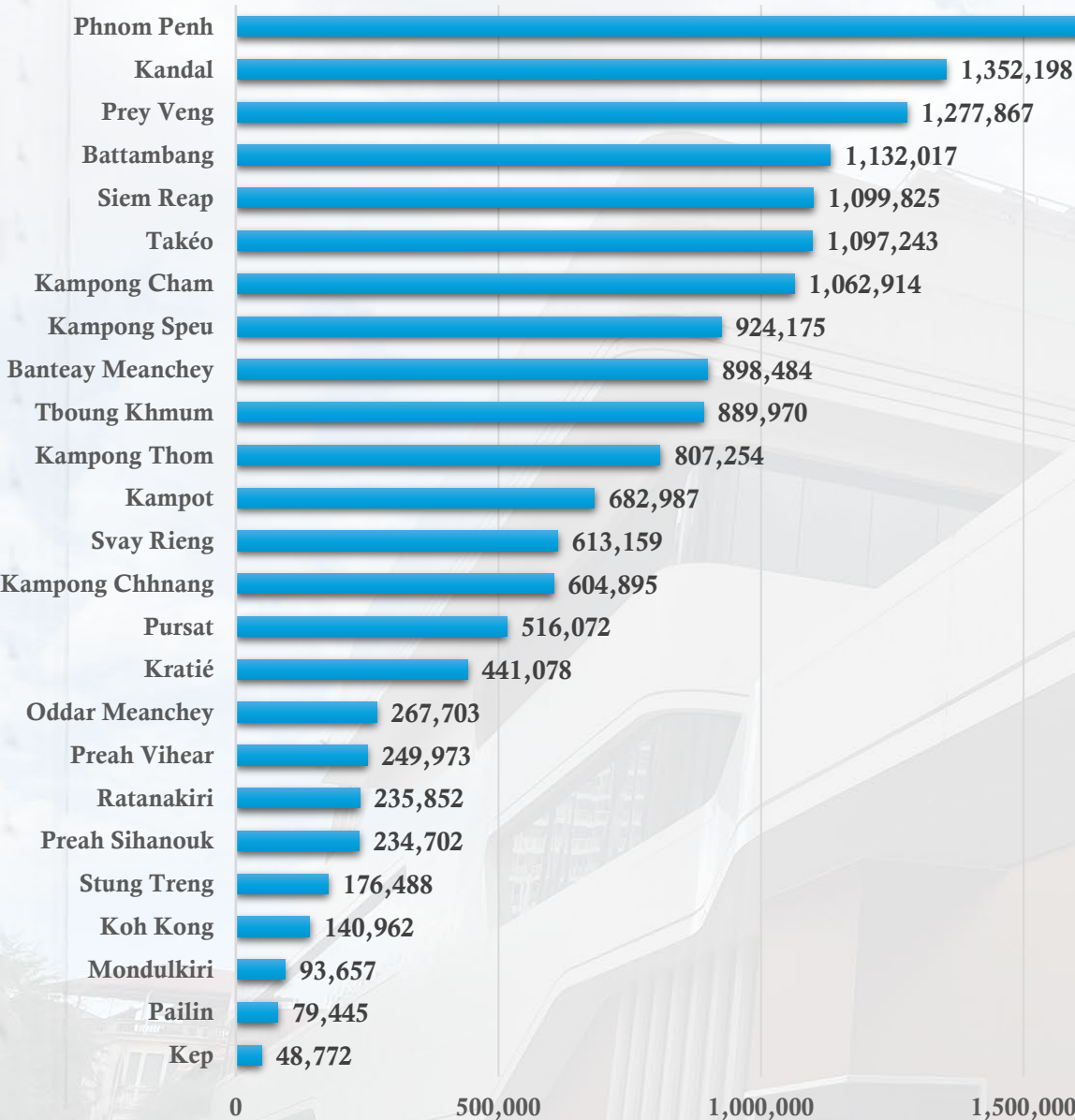
Market Situation

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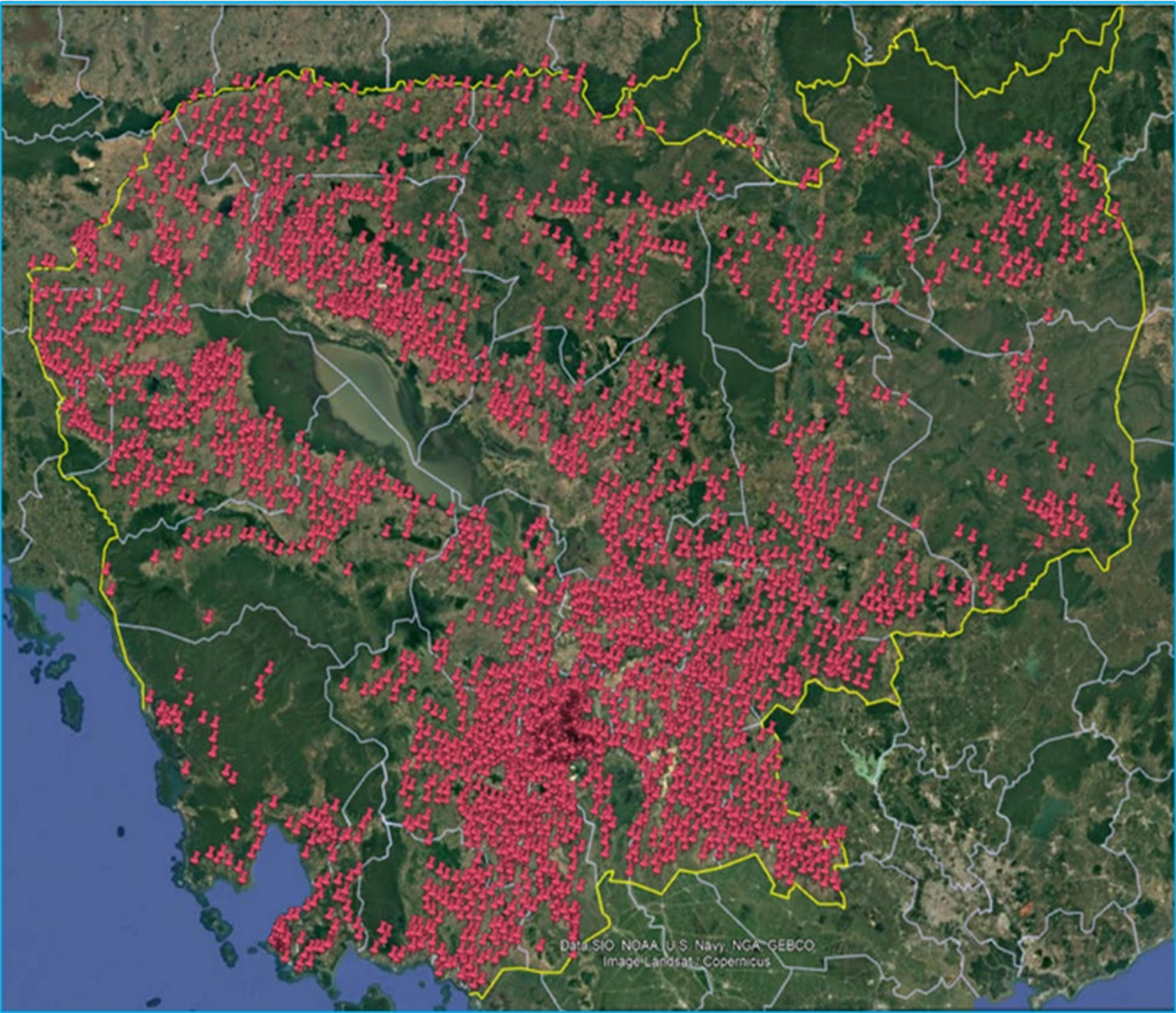
Affordability

Connectivity Efforts

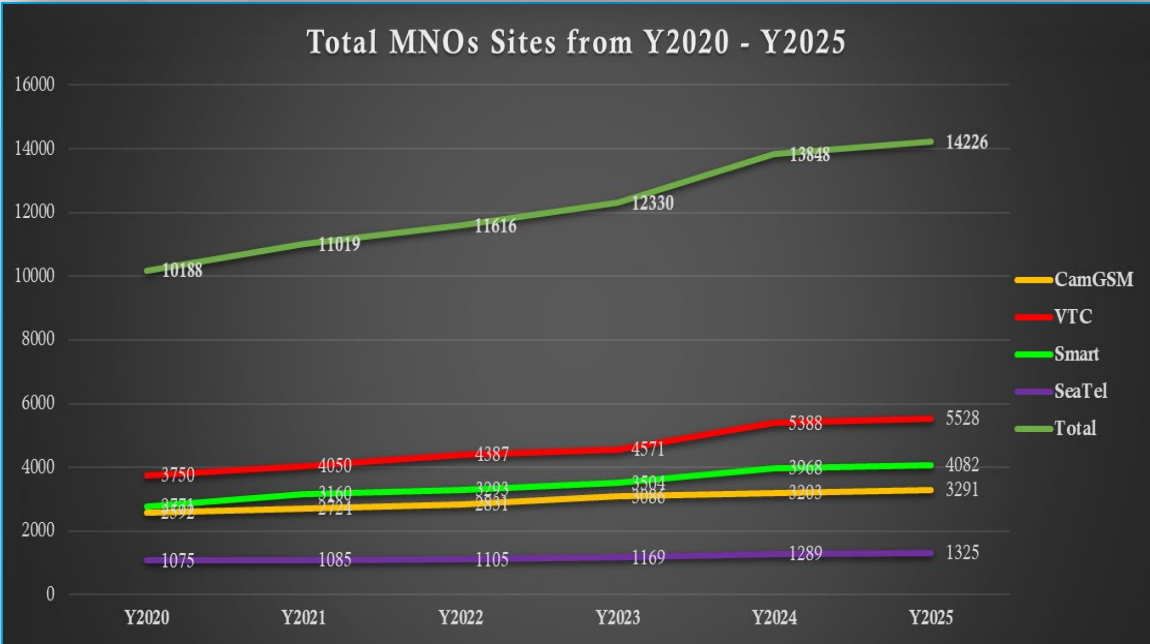
Distribution total population by province (2024)



Connectivity Efforts



Total Macro Sites of Mobile Network Operators Y2020 - Y2025								
No.	MNO	Y2020	Y2021	Y2022	Y2023	Y2024	Y2025	Remark
1	CamGSM	2592	2724	2831	3086	3203	3291	
2	VTC	3750	4050	4387	4571	5388	5528	
3	Smart	2771	3160	3293	3504	3968	4082	
4	SeaTel	1075	1085	1105	1169	1289	1325	
Total		10188	11019	11616	12330	13848	14226	

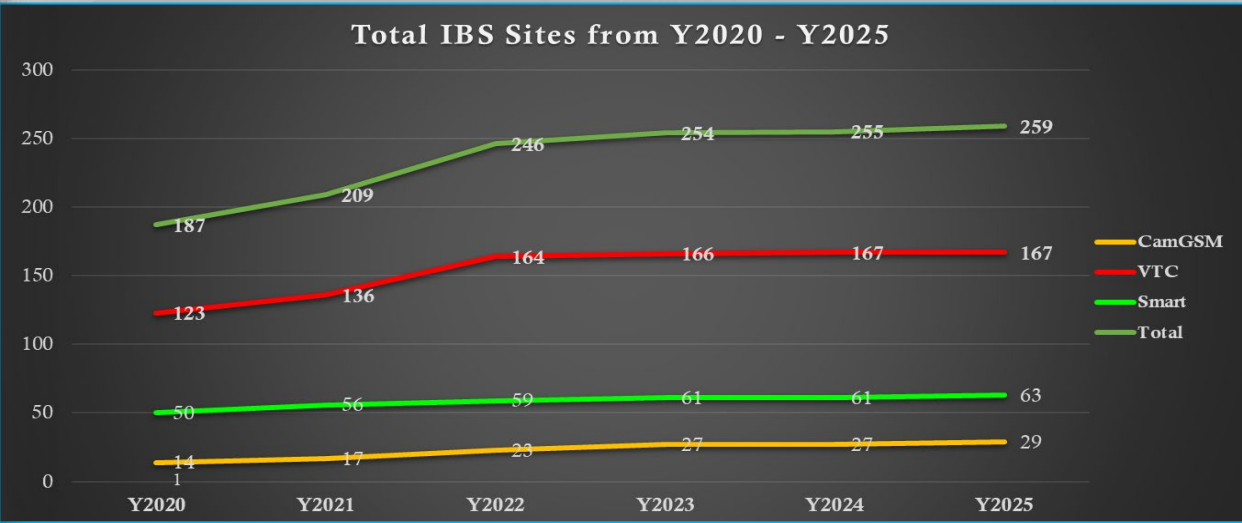


Connectivity Efforts



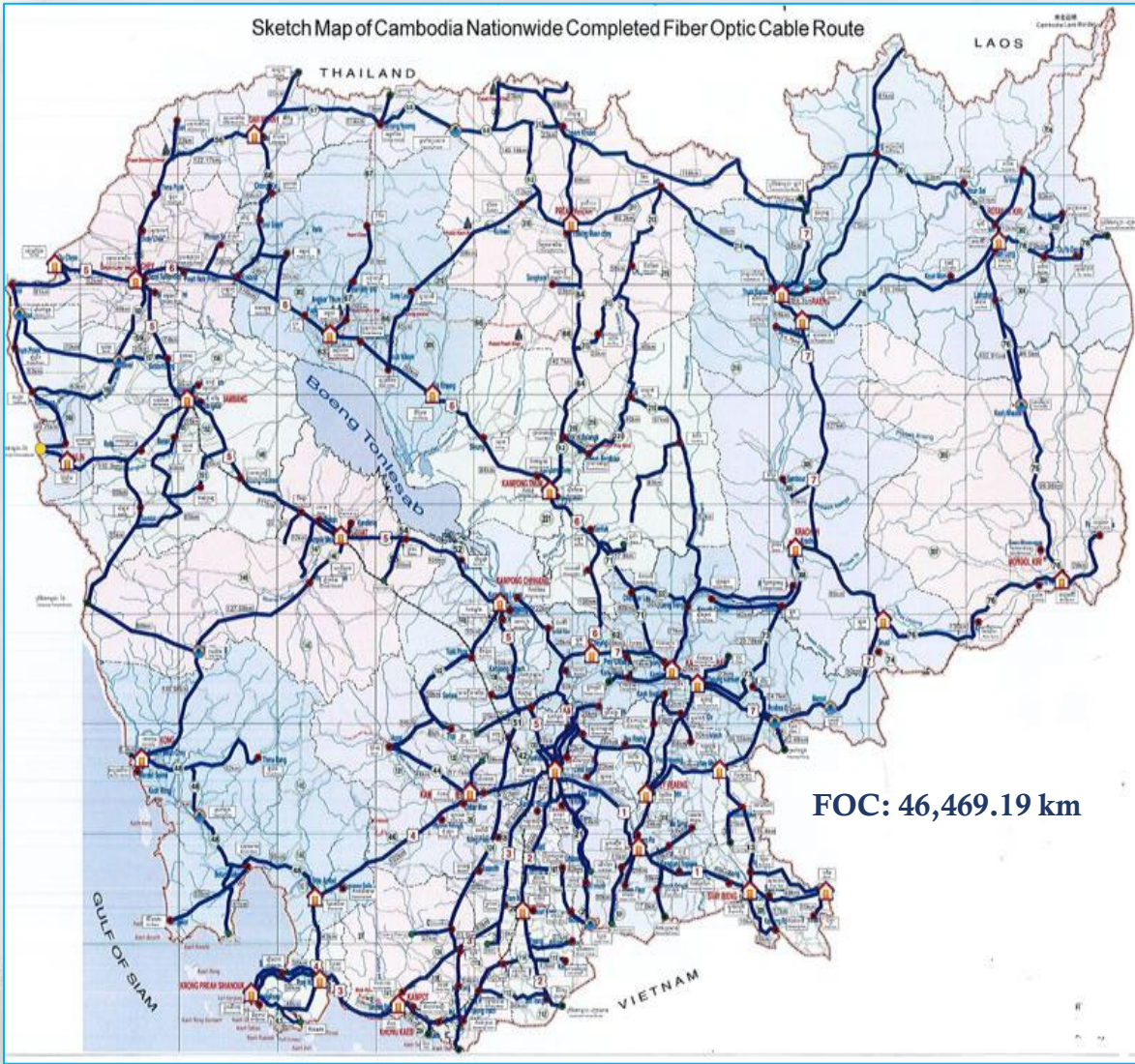
Total IBS Sites of Mobile Network Operators
Y2020 - Y2025

No.	MNO	Y2020	Y2021	Y2022	Y2023	Y2024	Y2025	Remark
1	CamGSM	14	17	23	27	27	29	
2	VTC	123	136	164	166	167	167	
3	Smart	50	56	59	61	61	63	
Total		187	209	246	254	255	259	



Connectivity Efforts

Cambodia's optical fiber backbone network, Sep 2025

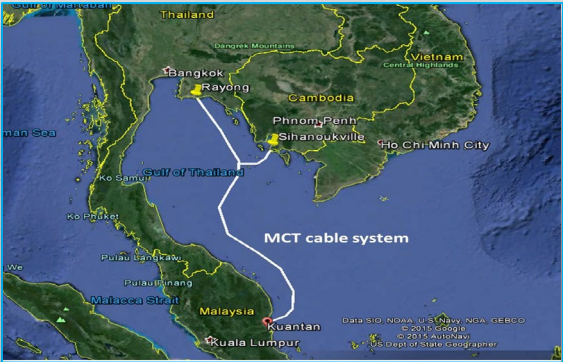


Cambodia's submarine fiber optic cable network

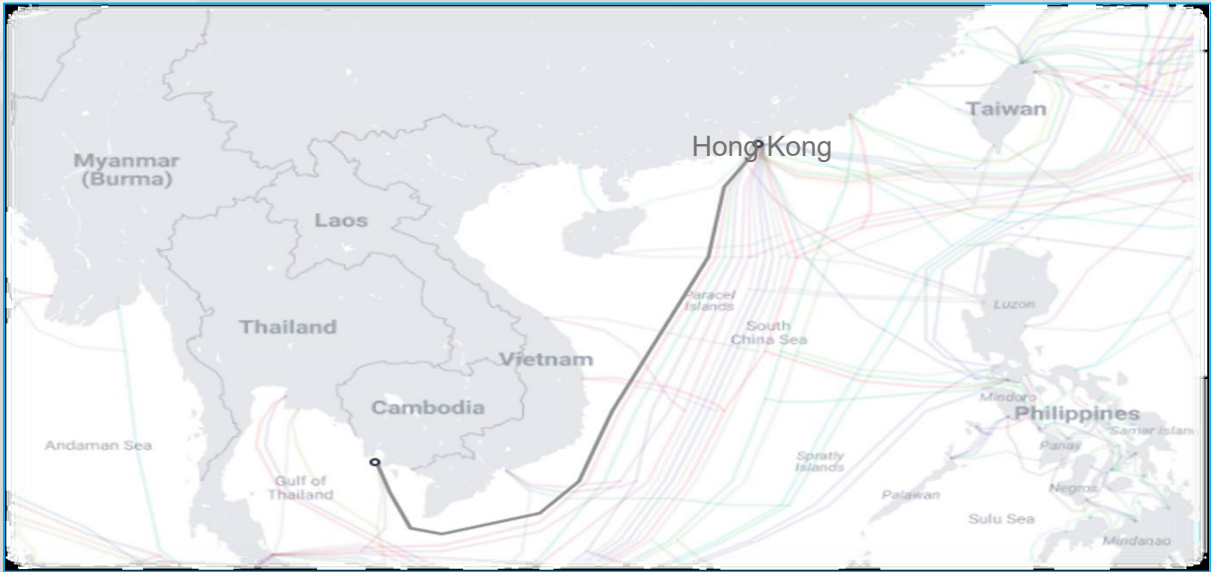
Asia-Africa-Europe 1 (AAE1)
Total of length: 25,000 km (Cambodia 170 km)



Malaysia-Cambodia-Thailand (MCT)
Total of length: 1,300 km (Cambodia 470 km)



SHV-HK Project under processing
Total of length: 2,997.9 km (Cambodia 188 km)



**អនុក្រឹត្យ
ស្តីពី**

រាជរដ្ឋាភិបាល

- ## සඳහන්

ជំពូកទី១

ଭାଷା ୭ ..

୧/୧୩

အကျဉ်းချုပ်

ជំពូកទី១១

អវសានប្បញ្ញត្តិ

භාෂ්‍යයේ.

បទប្បញ្ញត្តិទាំងឡាយណាដែលផ្ទុយនឹងអនុក្រឹត្យនេះ ត្រូវទុកជានិរាករណ៍។

භාෂ්‍රණයේදී ..

ថ្ងៃច័ន្ទ ១៤ កើត ខែ អុតិសាសាធ ឆ្នាំថោះ បញ្ចស័ក ព.ស.២៥៦៧
ធ្វើនៅរាជធានីភ្នំពេញ ថ្ងៃទី ៣១ ខែ កក្កដា ឆ្នាំ២០២៣ ✓

လယ်ကမ္ဘာပျဉ်း

សម្តេចអគ្គមហាសេនាបតីតេជោ ហ៊ុន សែន



ជា វ៉ាន់ដេក

កន្លែងទទួល:

- ក្រសួងព្រះបរមរាជវាំង
- អគ្គលេខាធិការដ្ឋានក្រុមប្រឹក្សាធម្មនុញ្ញ
- អគ្គលេខាធិការដ្ឋានព្រឹទ្ធសភា
- អគ្គលេខាធិការដ្ឋានរដ្ឋសភា
- ឧទ្ធរណ៍យសដូចអគ្គមហាសេនាបតីតេជោនាយករដ្ឋមន្ត្រី
- ឧទ្ធរណ៍យសដូច ឯកឧត្តម ឧបនាយករដ្ឋមន្ត្រី
- ដូចគ្នាទៅ៤៨
- រាជកិច្ច
- ឯកសារ កាលប្បវត្តិ

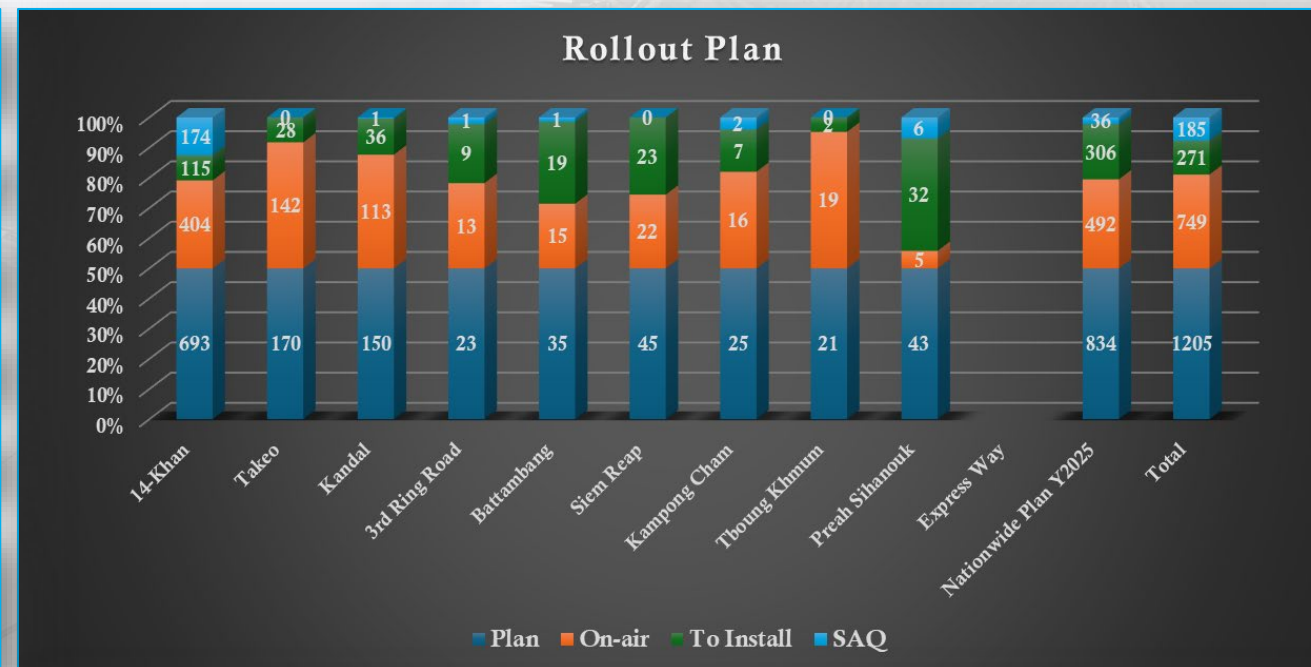
Connectivity Efforts



Connectivity Efforts

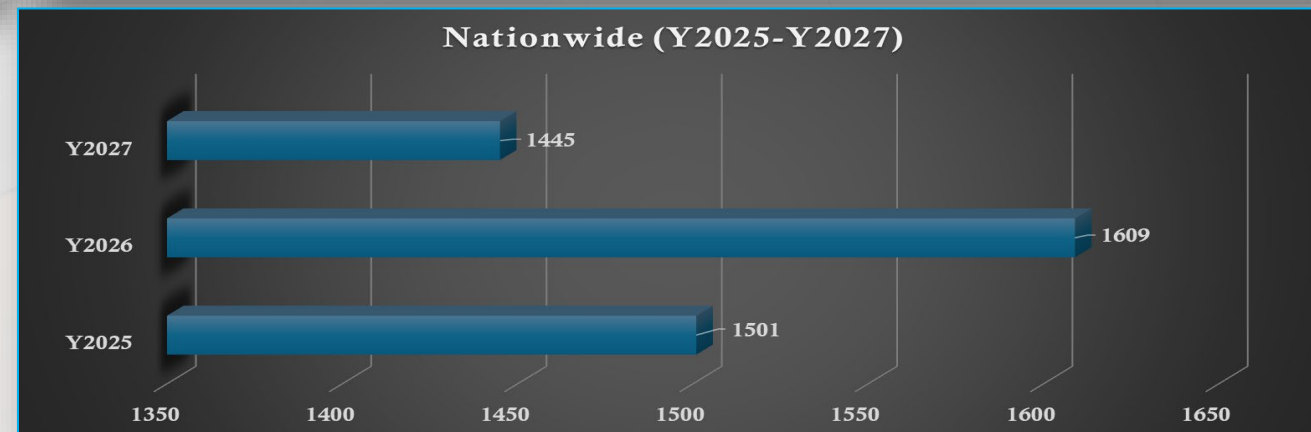
TRC Facilitate project for New Base Stations (In-progress)

No.	Projects	Plan	On-air	To Install	SAQ
1	14-Khan	693	404	115	174
2	Takeo	170	142	28	0
3	Kandal	150	113	36	1
4	3rd Ring Road	23	13	9	1
5	Battambang	35	15	19	1
6	Siem Reap	45	22	23	0
7	Kampong Cham	25	16	7	2
8	Tboung Khmum	21	19	2	0
9	Preah Sihanouk	43	5	32	6
10	Express Way	64	44	20	0
11	Nationwide Plan Y2025	834	492	306	36
	Total	2103	1285	597	221

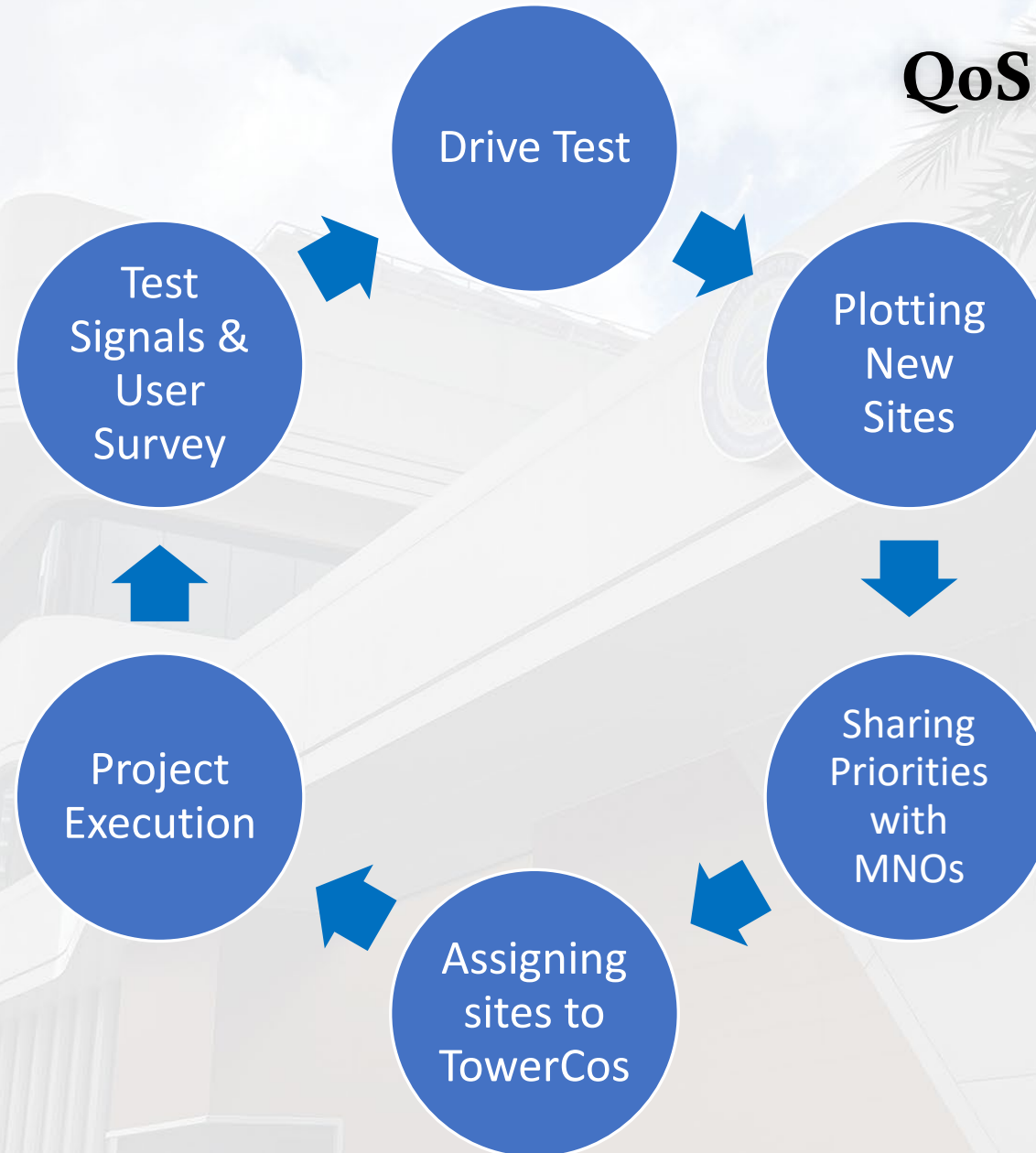


TRC Facilitate Nationwide project planning (Y2025-Y2027)

Project Name	Y2025	Y2026	Y2027
Nationwide (Y2025-Y2027)	1501	1609	1445



QoS Project Cycle



Connectivity Efforts

5G Implementation

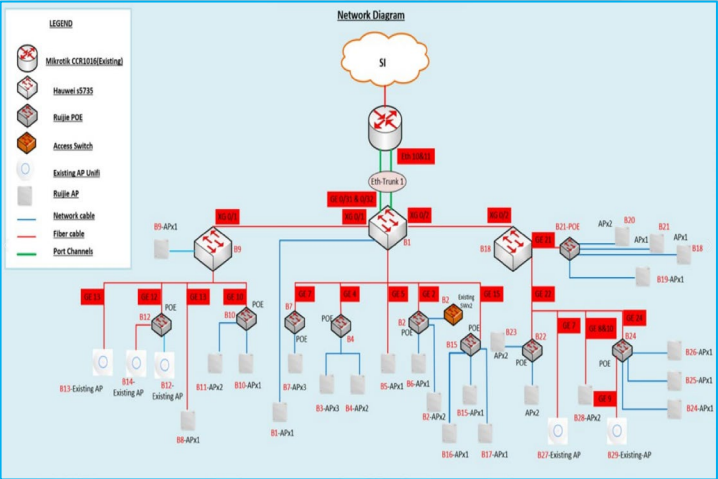
MNO Name	Implementation	2025	2026				Total
		Q4	Q1	Q2	Q3	Q4	
CamGSM	Agreement Plan		500				500
	Forecast	175	103	222	500	500	1500
VTC	Agreement Plan		500				500
	Forecast	100	500	400	500		1500
Smart	Agreement Plan		500				500
	Forecast	200	400	124			724



Connectivity Efforts

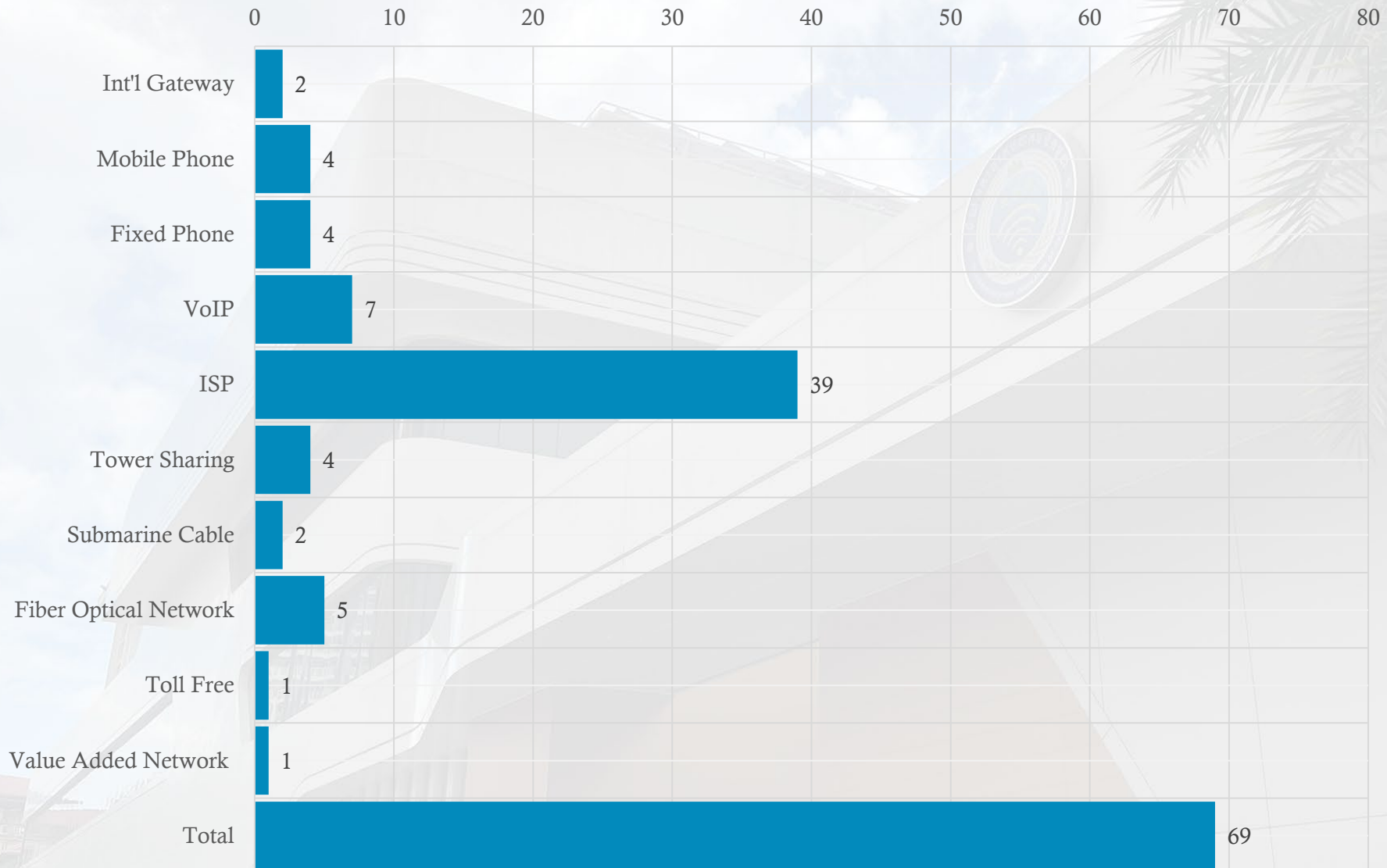
Fixed Broadband rollout plan (In-progress)

No.	Ministries or Institutions	Completed	In-Progress	Site Survey
1	Ministries or Institutions	18	2	3
2	State higher education institution	31	0	0
3	Private higher education institution	18	0	0
4	Single-entry office of district and municipal administrations	27	4	0



Market Situation

Active Telecommunication Operators as September 2025



Market Situation



ចំនួនប្រជាជនសរុប

17,577,759 (2025)



ចំនួនអ្នកប្រើប្រាស់ទូរសព្ទចល័ត

21,704,811 (123.48%)



ចំនួនអ្នកប្រើប្រាស់ទូរសព្ទអចល័ត

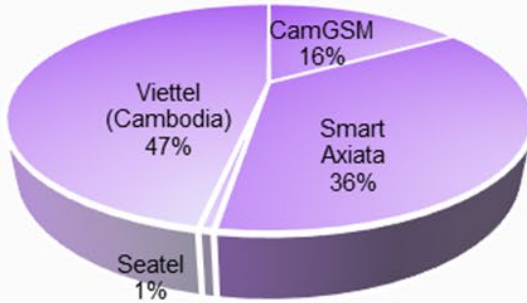
27,772 (0.16%)



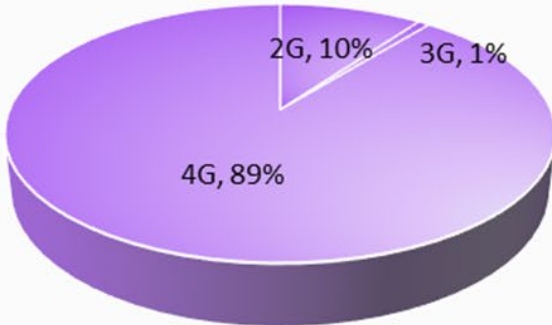
ចំនួនអ្នកប្រើប្រាស់អ៊ីនធឺណិត (ចល័ត&អចល័ត)

20,459,191 (116.39%)

ចំណែកទីផ្សារទូរសព្ទចល័ត (តាមក្រុមហ៊ុន)



ចំណែកទីផ្សារទូរសព្ទចល័ត (តាមបច្ចេកវិទ្យា)



ចំនួនអ្នកប្រើប្រាស់សេវាទូរគមនាគមន៍



អត្រាអ្នកប្រើប្រាស់សេវាទូរគមនាគមន៍ក្នុងចំណោមប្រជាជន ១០០ នាក់



Market Situation

Plan Name	Price	Data Internet	Phone Call within Network	SMS within Network	Period
Kado 1	1 \$	5 GB	500 Minutes	500 SMS	7 Days
Kado 1 Plus	1 \$	8 GB	60 Minutes	60 SMS	7 Days
Kado 1.5 Plus	1.5 \$	15 GB	100 Minutes	100 SMS	7 Days
Kado 4	4 \$	25 GB	2500 Minutes	2500 SMS	30 Days
Kado 6	6 \$	50 GB	5000 Minutes	5000 SMS	30 Days
Kado 6 Plus	6 \$	60 GB	150 Minutes	150 SMS	30 Days
Kado 10 Plus	10 \$	100 GB	200 Minutes(Call to other Network 5 Minutes)	200 SMS	30 Days

DataOsja Standard



5 GB \$1

★ 500 min & 500 SMS (on-net) for 7 days.

☎ To subscribe: Dial *1535*1#

☎ To unsubscribe: Dial *1535*0# or *1200#

[Learn more](#)

DataOsja Plus 1.5



15 GB \$1.5

★ 100 mins & 100 SMS (on-net) for 7 days.

☎ To subscribe: Dial *1535*15#

☎ To unsubscribe: Dial *1535*0# or *1200#

[Learn more](#)

Hot Deals



25 GB \$4

★ 2500 mins & 2500 SMS (on-net) for 30 days.

☎ To subscribe: Dial *1535*5#

☎ To unsubscribe: Dial *1535*0# or *1200#

[Learn more](#)

Hot Deals



60 GB \$6

★ 150 mins & 150 SMS (on-net) for 30 days.

☎ To subscribe: Dial *1535*60#

☎ To unsubscribe: Dial *1535*0# or *1200#

[Learn more](#)

Hot Deals



50 GB \$6

★ 5000 mins & 5000 SMS (on-net) for 30 days.

☎ To subscribe: Dial *1535*6#

☎ To unsubscribe: Dial *1535*0# or *1200#

[Learn more](#)

Hot Deals



100 GB \$10

★ 200 mins & 200 SMS (on-net) + 5 mins (off-net) for 30 days.

☎ To subscribe: Dial *1535*10#

☎ To unsubscribe: Dial *1535*0# or *1200#

[Learn more](#)

Market Situation



Plan Name	Price	Data Internet	Phone Call within Network	SMS within Network	Period
Smart Laor ! 1	1 \$	5 GB	500 Minutes	500 SMS	7 Days
Smart Laor ! Data 1	1 \$	8 GB	60 Minutes	60 SMS	7 Days
Smart Laor ! 1.5	1.5 \$	10 GB	1000 Minutes	1000 SMS	7 Days
Smart Laor ! Data 1.5	1.5 \$	15 GB	100 Minutes	100 SMS	7 Days
Smart Laor ! 6	6 \$	50 GB	5000 Minutes	5000 SMS	30 Days
Smart Laor ! Data 4	4 \$	25 GB	150 Minutes	150 SMS	30 Days
Smart Laor ! Data 6	6 \$	60 GB	150 Minutes	150 SMS	30 Days
Smart Laor ! Data 10	10 \$	100B	200 Minutes (Call to other Network 10 Minutes)	200 SMS	30 Days

Smart Laor! 1

Basic Users

5

GB data

Calls

500 on-net minutes

SMS

500 on-net SMS

Validity

7 days

Plan fee

1 USD

Subscribe now

Subscribe code: *1710*100#

Additional Benefits

To renew your plan, top up 1 USD and get a chance to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! Data 1

Basic Users

8

GB data

Calls

60 on-net minutes

SMS

60 on-net SMS

Validity

7 days

Plan fee

1 USD

Subscribe now

Subscribe code: *1710*100*1#

Additional Benefits

To renew your plan, top up 1 USD and get a chance to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! 1.5

Talkers and Texters

10

GB data

Calls

1,000 on-net minutes

SMS

1,000 on-net SMS

Validity

7 days

Plan fee

1.50 USD

Subscribe now

Subscribe code: *1710*150#

Additional Benefits

To renew your plan, top up 1.50 USD and get 2 chances to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! Data 1.5

Heavy Data Users

15

GB data

Calls

100 on-net minutes

SMS

100 on-net SMS

Validity

7 days

Plan fee

1.50 USD

Subscribe now

Subscribe code: *1710*150*1#

Additional Benefits

To renew your plan, top up 1.50 USD and get 2 chances to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! 6

Talkers and Texters

50

GB data

Calls

5,000 on-net minutes

SMS

5,000 on-net SMS

Validity

30 days

Plan fee

6 USD

Subscribe now

Subscribe code: *1710*600#

Additional Benefits

To renew your plan, top up 6 USD and get 6 chances to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! Data 4

Peace of Mind Users

25

GB data

Calls

150 on-net min

SMS

150 on-net SMS

Validity

30 days

Plan fee

4 USD

Subscribe now

Subscribe code: *1710*400*1#

Additional Benefits

To renew your plan, top up 4 USD and get 4 chances to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! Data 6

Peace of Mind Users

60

GB data

Calls

150 on-net min

SMS

150 on-net SMS

Validity

30 days

Plan fee

6 USD

Subscribe now

Subscribe code: *1710*600*1#

Additional Benefits

To renew your plan, top up 6 USD and get 6 chances to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Smart Laor! Data 10

Peace of Mind Users

100

GB data

Calls

200 on-net minutes

Calls

10 off-net minutes

SMS

200 on-net SMS

Validity

30 days

Plan fee

10 USD

Subscribe now

Subscribe code: *1710*1000*1#

Additional Benefits

To renew your plan, top up 10 USD and get 10 chances to enter the "Top Up to Win" promotion lucky draw.

Even better! Top up using the SmartNas app to get double the chances to join.

Market Situation



Plan Name	Price	Data Internet	Phone Call within Network	SMS within Network	Period
Time To Rise	1 \$	5 GB	500 Minutes	500 SMS	7 Days
	6 \$	40 GB	4000 Minutes	4000 SMS	30 Days
CellCard AO Mobile	1 \$	8 GB	60 Minutes	60 SMS	7 Days
	1.5 \$	15 GB	100 Minutes	100 SMS	7 Days
	4 \$	25 GB	2500 Minutes	2500 SMS	28 Days
	6 \$	60 GB	150 Minutes	150 SMS	30 Days
	10 \$	100 GB	200 Minutes (Call to other Network 10 Minutes)	200 SMS	30 Days

Time To Rise \$1

Data

5GB

\$1.00

On-net Calls: 500 Mins

On-net SMS: 500 SMS

Validity 7 Days

*1788*1#

cellcard app

Time To Rise \$6

Data

40GB

\$6.00

On-net Calls: 4000 Mins

On-net SMS: 4000 SMS

Validity 30 Days

Rollover Unused Bundle

*1788*2#

cellcard app

cellcard Serey+ \$1

Data

8GB

\$1.00

On-net Calls: 60 Mins

On-net SMS: 60 SMS

Validity 7 Days

*1615*100#

cellcard app

cellcard Serey+ \$1.5

Data

15GB

\$1.50

On-net Calls: 100 Mins

On-net SMS: 100 SMS

Validity 7 Days

Rollover Unused Bundle

*1615*150#

cellcard app

cellcard Serey+ \$4

Data

25GB

\$4.00

On-net Calls: 2500 Mins

On-net SMS: 2500 SMS

Validity 28 Days

Rollover Unused Bundle

*1615*400#

cellcard app

cellcard Serey+ \$6

Data

60GB

\$6.00

On-net Calls: 150 Mins

On-net SMS: 150 SMS

Validity 30 Days

Rollover Unused Bundle

*1615*600#

cellcard app

cellcard Serey+ \$10

Data

100GB

\$10.00

On-net Calls: 200 Mins

Off-net Calls: 10 Mins

On-net SMS: 200 SMS

Validity 30 Days

Rollover Unused Bundle

*1615*1000#

cellcard app

Market Situation



Plan Name	Price	Data Internet	Phone Call within Network	SMS within Network	Period
yesSabay 8	1 \$	8 GB	60 Minutes	60 SMS	7 Days
yesSabay 15	1.5 \$	15 GB	100 Minutes	100 SMS	7 Days
yesSabay 25	4 \$	25 GB	2500 Minutes	2500 SMS	30 Days
yesSabay 60	6 \$	60 GB	150 Minutes	150 SMS	30 Days
yesSabay 100	10 \$	100 GB	200 Minutes (Call to other Network 10 Minutes)	200 SMS	30 Days

Loy Kob 8

\$1

- 8GB for internet
- On-net Call 60
- On-net SMS 60
- 07 days

1481*991*

Loy Kob 15

\$1.50

- 15GB for internet
- On-net Call 100
- On-net SMS 100
- 07 days

1481*992*

Loy Kob 25

\$4

- 25GB for internet
- On-net Call 2500
- On-net SMS 2500
- 30 days

1481*994*

Loy Kob 60

\$6

- 60GB for internet
- On-net Call 150 mins
- On-net SMS 150
- 30 days

1481*998*

Loy Kob 100

\$10

- 100GB for internet
- On-net Call 200 mins
- Off-net Call 10 mins**
- On-net SMS 200
- 30 Days

1481*910*

ITU/UN Affordability Standard (1-2% of GNI per capita)

A telecom service is affordable if the user spends less than 2% of their monthly income.

$$\text{Affordable Ratio} = \frac{\text{ARPU (monthly)}}{\text{Average Monthly Income}} \times 100\%$$

If the result is:

- <2% Very affordable
- 2-5% Acceptable
- >5% Less affordable / burden for low-income users

Affordability

Cambodia per capita GNI for 2024 is \$2,719 (MEF)

Average Monthly Income is $\$2,719/12 = \227

Monthly ARPU for Mobile Service in Cambodia is \$4.06 (TRC)

$$\text{Affordable Ratio} = \frac{4}{227} \times 100 = 1.76\%$$

Very affordable

MNOs	ARPU(2024)
Viettel	\$4.12
Smart	\$3.90
CamGSM	\$4.45
SEATEL	\$3.77
Average	\$4.06



<https://www.trc.gov.kh/km/>