



Kacific
Broadband
Satellites Ltd

Satellite Systems



KACIFIC1

Revolutionizing prices in the rural areas with our next generation satellite technology.



High Throughput
Satellite (HTS) payload



Transmitting over high-
powered Ka-band



56 spot beams place
capacity over selected
islands and land mass



**Reaching 25
regions in Asia
Pacific**

Reducing the price per GB and terminals by **50%** with **Kacific1 technology**

OUR VISION



We enable **businesses, governments and communities** to **fully participate in the digital world** by providing **high-quality, affordable satellite broadband access**.



We are passionate about **providing the infrastructure freedom to communities, driving economic growth, and improving people's lives.**

We **solve the endemic lack of affordable broadband internet** in underserved regions in the world.



We **look beyond the limits of today**, learn from successful technologies around the world and combine with our innovative business model to find new ways to deliver much more, with much less.



We are here to make a **rapid and lasting difference** to the people of South East Asia and the Pacific.

FIBRE EXPANSION IS A MAJOR FINANCIAL CHALLENGE



Latest generation broadband satellite is the answer



\$1M fiber cost

\$200/month revenue

THE COST OF DISTRIBUTION



\$10 to \$200 / month / square mile
Potential average revenue per user
per square mile



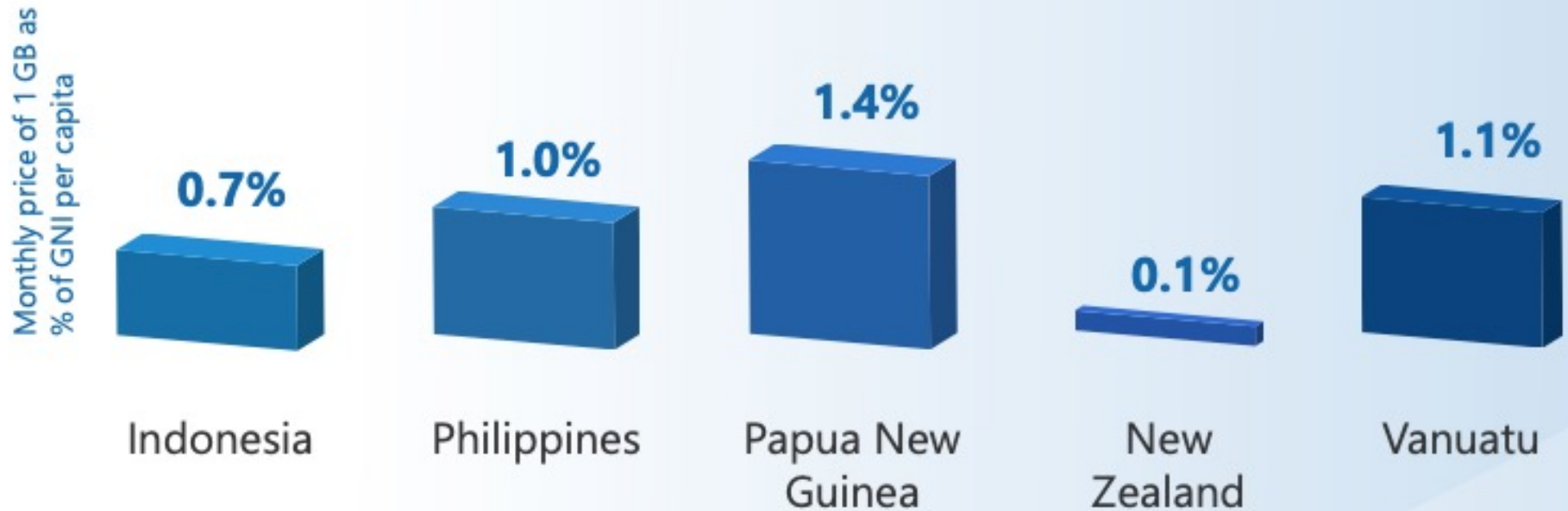
\$25,000 / mile to connect
through terrestrial **fiber / cable**

KACIFIC EXCEEDS INTERNATIONAL BROADBAND AFFORDABILITY TARGETS



Connecting people to economic opportunities

2% - ITU and UNESCO Affordability Target for 2025 (Percent of GNI/Capita)



International Telecommunications Union (ITU) and UNESCO launched the Broadband Commission for Sustainable Development in May 2010. Targets set forth by the commission include providing affordable entry-level broadband services in developing countries at less than 2% of monthly Gross National Income (GNI) per capita by 2025.

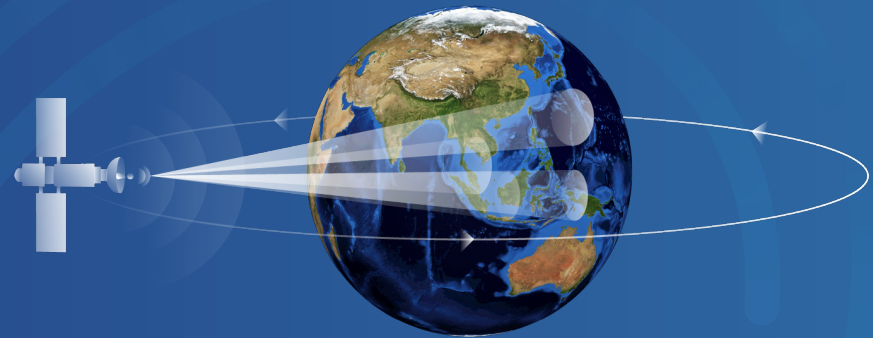
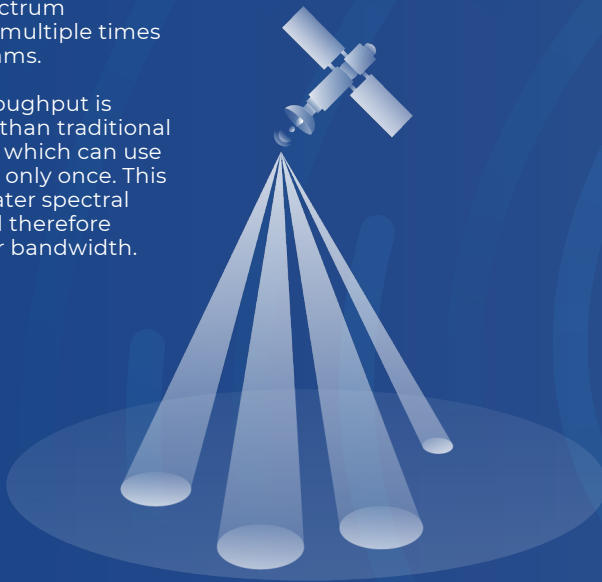
KACIFIC1 TECHNOLOGY



HIGH THROUGHPUT

Kacific1 is a High Throughput Satellite (HTS) which reuses the same spectrum (frequencies) multiple times in 56 spot beams.

Total HTS throughput is much higher than traditional FSS satellites, which can use the spectrum only once. This results in greater spectral efficiency and therefore lower cost per bandwidth.



GEOSTATIONARY (GEO)

Satellites placed in geostationary orbit offer a very stable and consistent service and user experience. It allows the ability to target specific areas and place large amounts of bandwidth where needed.

GEO signals only requires a simple, affordable, power efficient antenna, with no moving parts for reception and transmission.

Geostationary satellite latency is suitable for nearly all regular internet usage, such as video streaming, voice calls over IP, general browsing and even for distribution via 3G or 4G networks.

MARKET APPLICATIONS



Bridging the Digital Divide in various sectors, in line with UN Sustainable Development Goals



CONNECTING KEY MEDICAL & EDUCATIONAL CENTRES



Connecting people to economic opportunity... affordably

Kacific's ESG Pillars

ECONOMIC OPPORTUNITY

Empowering more and more people through the provision of broadband and contributing to job creation



EDUCATION

650+

Sites currently connected in educational institutions



HEALTHCARE

150+

Sites currently connected in healthcare facilities



GIGSTARTER

Easy. Affordable. Broadband everywhere.



Powerful satellite service



Satellite dish sizes:
75cm, 1.2m, 1.8m or more



75cm, 1.2m, or 1.8m satellite dishes



Fully managed service including teleport



RESIDENTIAL
Up to 40 Mbps access speeds
(up to 30 Mbps downlink +10 Mbps uplink)



ENTERPRISE
Up to 120 Mbps access speeds
(up to 100 Mbps downlink + 20 Mbps uplink)



HIGH SPEED CONNECTIVITY IN RURAL SOUTHEAST ASIA FOR EDUCATION AND LIVELIHOODS

Mission

Provide seamless connectivity to rural communities. Access to online education is made easy through high-speed internet.

Solution

Using our flexible Gigstarter service, Kacific distributors have installed about **200 sites** to serve community sites such as schools and churches in Mindanao, Polillo Island and other rural areas or remote islands

Outcome

Direct internet for students, teachers, indigenous communities, small businesses and provincial government offices. Over 2,000 users can access high-speed internet now.



COMMUNITY WIFI



More customers, less cost with voucher-enabled Wifi hotspots



Your own WiFi Access Point:
a wireless router with a built-in voucher billing system.



Leverages Kacific WiFi server system deployed throughout Asia-Pacific



Up to 75 Mbps access speeds
(up to 70 Mbps downlink + 5 Mbps uplink)



Lightly contended with low congestion



Up to 75 Mbps access speeds
(up to 70 Mbps downlink + 5 Mbps uplink)



75cm or 1.2m Satellite dish



CONNECTING SCHOOLS & CLINICS IN VANUATU AMID COVID-19



Working with Ministry of Education and Ministry of Health to connect important community hubs

Mission

Connecting **118 clinics & 200 schools** in remote and rural areas of Vanuatu, in partnership with the Ministry of Health and Ministry of Education.

Solution

Free VSAT equipment and installation, as well as a **Community WiFi** installation.

Outcome

Reliable connectivity for health workers and internet access for the whole community for a wide range of purposes.

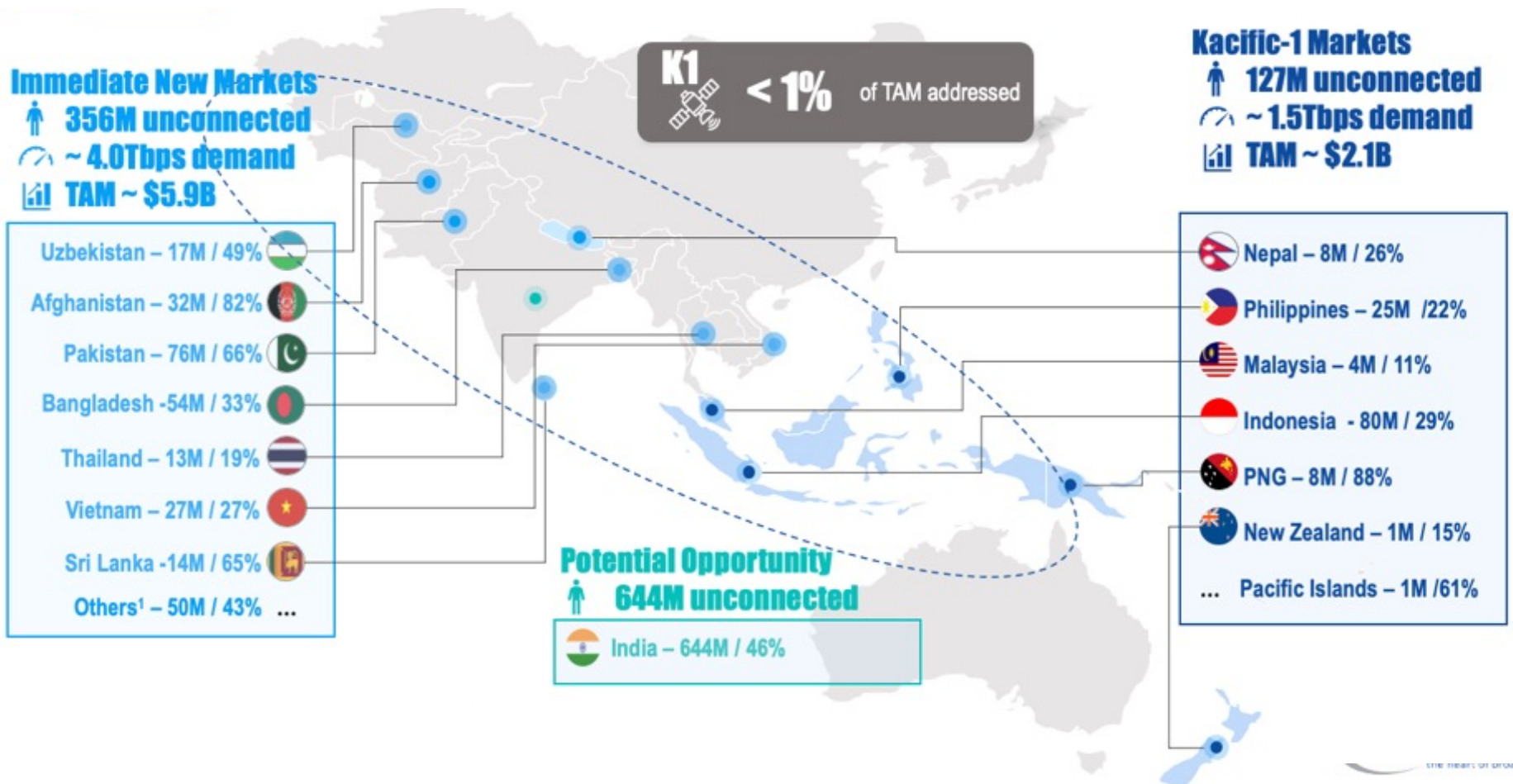
High-speed internet helps with efficient stock management, online consultations, remote education and emergency situations. Over 7,000 users can access high-speed internet now.



LAUNCHING KACIFIC2 FOR THE UNDERSERVED IN OTHER MARKETS



A fast growing widely unaddressed market



SIGNIFICANT GROWTH OPPORTUNITY TO ADDRESS



Markets currently
served by K-1



127M 
UNCONNECTED

Markets to be
captured by K-2



1B 
UNCONNECTED



Growing presence in Asia Pacific



Transpacific Broadband Group Inc.
A leading Philippine commercial telepoint services company



BAMBUNET
BROADBAND SATELLITE INTERNET
POWERED BY KLOCHE



vodafone

Digicel



TELEGLOBAL
brings the world closer



PRIMACOM
Communication Solution

BETTER TECHNOLOGY WITH KACIFIC2



A more adaptive and flexible satellite to meet needs on demand



Lighter than ever
with all-electric
propulsion. 80% less
fuel weight achieved.



From broadcast
to an adaptive
broadband
satellite.



Flexible
bandwidth,
served on
demand.
Responsive to
shifts in needs.





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