



Giga 2025: Scaling Innovation for Universal School Connectivity



The Connectivity Challenge

Nearly half of the **6 million schools** in the world are not connected to the internet today, mostly in the poorest countries and areas.

More than **500M students** have no access to internet.

Of the estimated **2.6 billion** unconnected people, the majority are women and girls (ITU, 2023).

Unconnected children **are more at risk** across health, identity, gender equity, education, and ability to have jobs of the future.

**This presents a challenge...
and an opportunity!**

How Giga Works



Map

Map the location of schools and monitor school connectivity status in real-time



Model

Model the infrastructure and investments needed to deliver school connectivity



Finance

Support governments to build the right-layered financing to pay for connectivity



Contract

Help governments contract connectivity for schools



Underpinned by **capacity development**, strengthening skills and best practices across Giga's four main pillars

Global School connectivity map

An open & live global map of schools and their connectivity

[Take the tour](#)

2.1M/6M schools location mapped
across 142 countries

425.3k schools connectivity status mapped
across 53 countries

94.4k schools with real-time data mapped
across 28 countries

Explore countries

4

School status

- Connected
- Not Connected
- Unknown

Average Download Speed

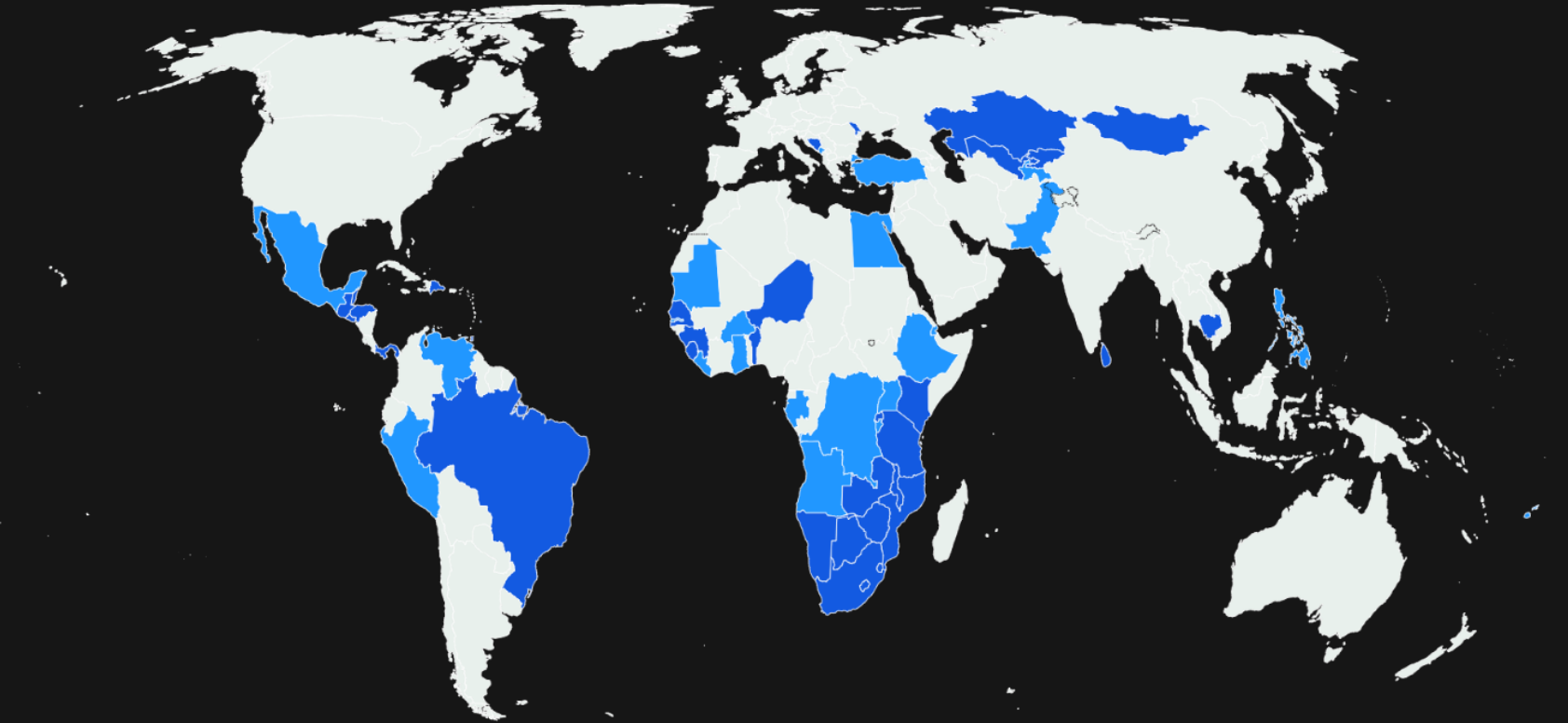
Global Benchmark - 20 Mbps

- Good
- Moderate
- Bad
- Unknown

■ Engaged ■ Early Interest

45 Countries and Territories **engaged**

28 Countries and Territories **interested**





Recognized in
Global Digital Compact,
annex to Pact for the Future:

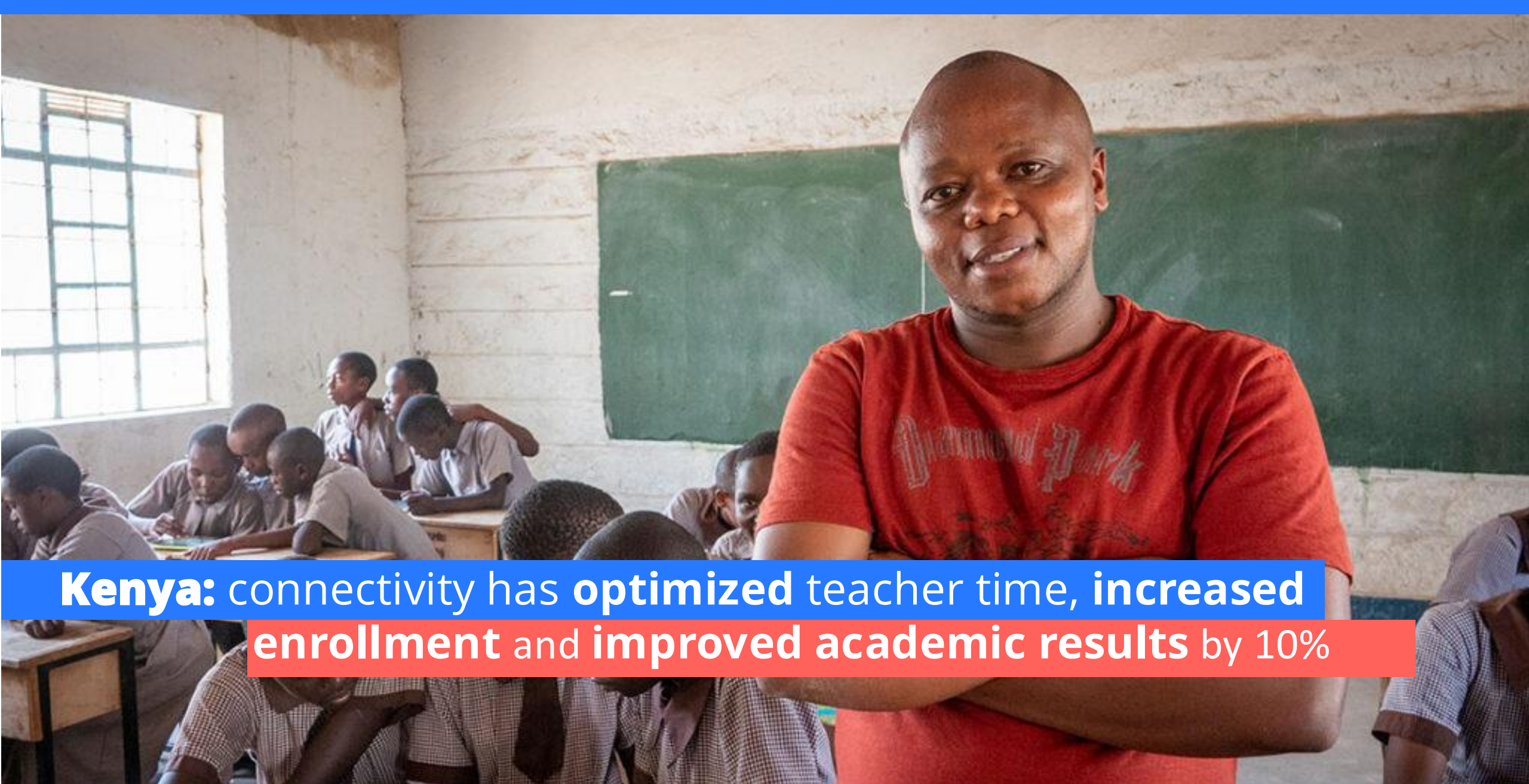
Stepping-stone to **helping connect
all schools and hospitals** to the
Internet by 2030



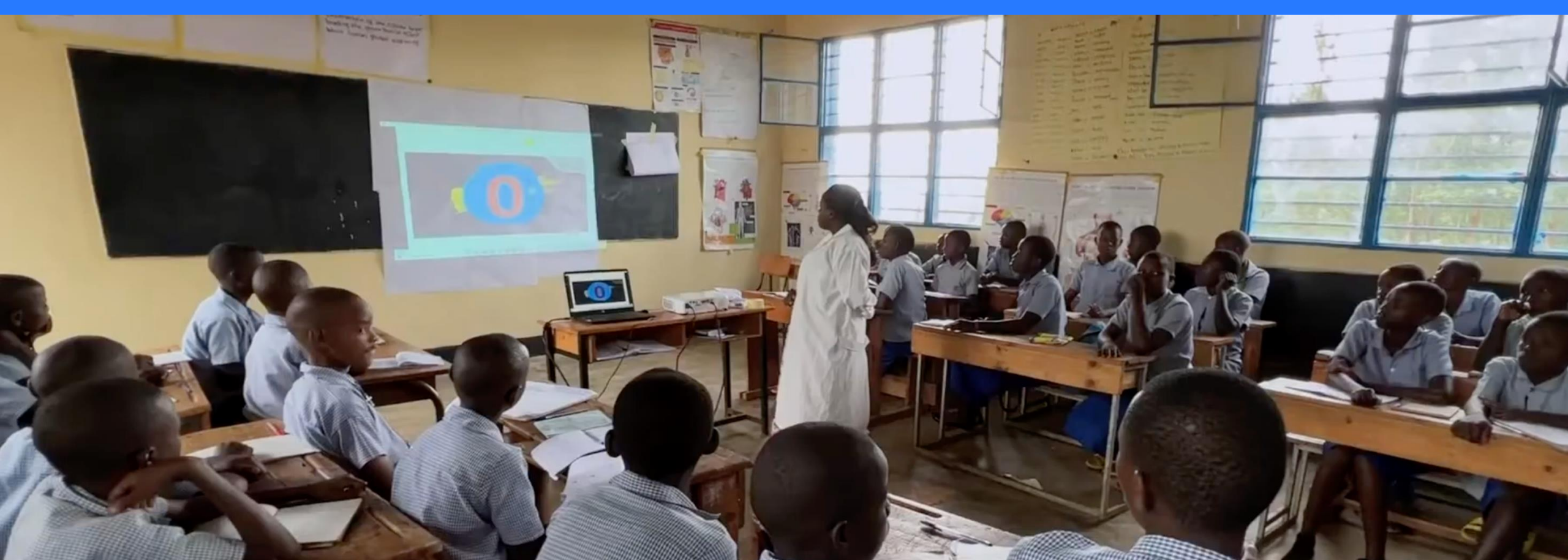
Giga's Impact



Honduras: Giga developed an innovative way to finance school connectivity amid limited public funding: the community contribution model



Kenya: connectivity has **optimized** teacher time, **increased enrollment** and **improved academic results** by 10%



Rwanda: Giga supported the government in **reducing**
the **price of the gigabyte** by up to **50%**



Botswana: Giga Meter will play a crucial role in **patient care** by providing insights into health centres' **connectivity** status

Giga is
accelerating
investment with
new technologies

Giga Accelerator

OPEN CALL - Apply by September 21st, 2025

*Giga Accelerator Programme 2025:
Scaling Innovation for Universal School
Connectivity*



Blockchain | Connectivity Credits

Identify
the need

Tokenize the
commodity

Build a
blockchain-based
marketplace

*Find the buyers and sellers.
Create a trusted platform
that links them.*

*Connectivity and
infrastructure are digital
and can be tokenized.*

*A transparent and efficient trading
platform, like the marketplace for
carbon credits.*

DIII

Digital Infrastructure Investment Initiative

Co-led with the **DFI community** and in
coordination with the **G20 presidencies** of
Brazil (2024) and **South Africa (2025)**

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Giga Connectivity Centre Geneva



SPECIAL THANKS TO OUR GENEROUS PARTNERS:

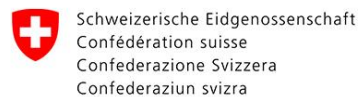
PRIVATE SECTOR PARTNERS:



Equinix Foundation



PUBLIC SECTOR PARTNERS



Thank you!



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the latest happenings
from Giga!
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