



Citymesh & edpnet

Networks and peering

BNIX Networking Event
Brussels, 24 September 2026

Olivier Dzwoniarkiewicz

Telecom Infrastructure Manager
Citymesh & edpnet

Olivier Dzwoniarkiewicz

Telecom Infrastructure Manager
Citymesh & edpnet

20+ years in telecom

10+ years managing an ISP network

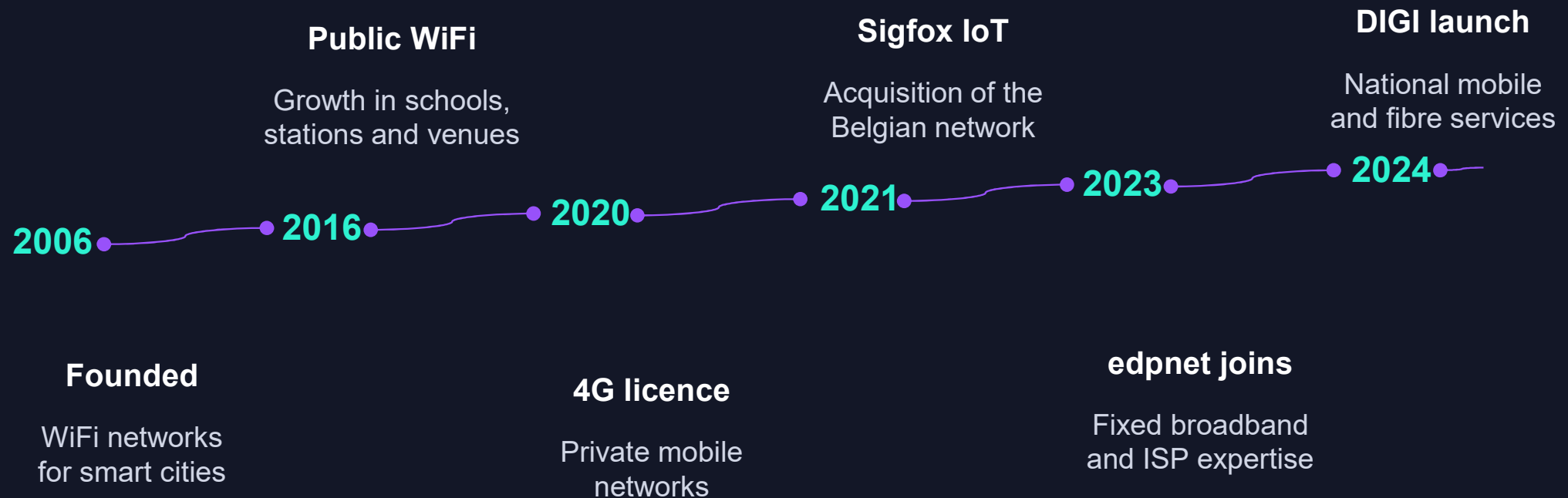
20 years at edpnet

3 years with Citymesh

Today: IP and transport, mobile core, voice and datacentres



Citymesh's evolution



WiFi roots, specialised networks and a broader role in Belgian telecom



Citymesh services



Citymesh Connect

Fixed internet, mobile
and business telephony



Private Networks

Private 4G/5G, WiFi,
LAN and indoor coverage



Critical Solutions

Communications for
critical operations



Temporary Solutions

Connectivity and security
for events and temporary sites



Internet of Things

IoT connectivity, sensors
and asset monitoring



Drone Solutions

Situational awareness
for emergency services



Peak traffic: Citymesh and edpnet

CITYMESH

AS199095

2 Gbps

Specialised business connectivity
and private networks

edpnet

AS9031

120 Gbps

Fixed broadband
for homes and businesses

60×

edpnet's peak traffic relative to Citymesh



BNIX + Citymesh/edpnet

Citymesh

AS199095

Joined BNIX: 30 Mar 2023

peering@citymesh.com

edpnet

AS9031

Joined BNIX: 01 Dec 2004

peering@edpnet.com

Open to peering on both networks

We review requests individually and accept most

We use the BNIX route servers



Why BNIX is essential to us

≈25%

of our traffic goes through BNIX

Local at Digital Realty BRU1 (Interxion)

On-site interconnection

Both networks are present in BRU1
No extra transport to reach BNIX

Direct local paths

Exchange with networks
serving Belgium

Resilience

Interconnection options alongside
transit and other exchanges

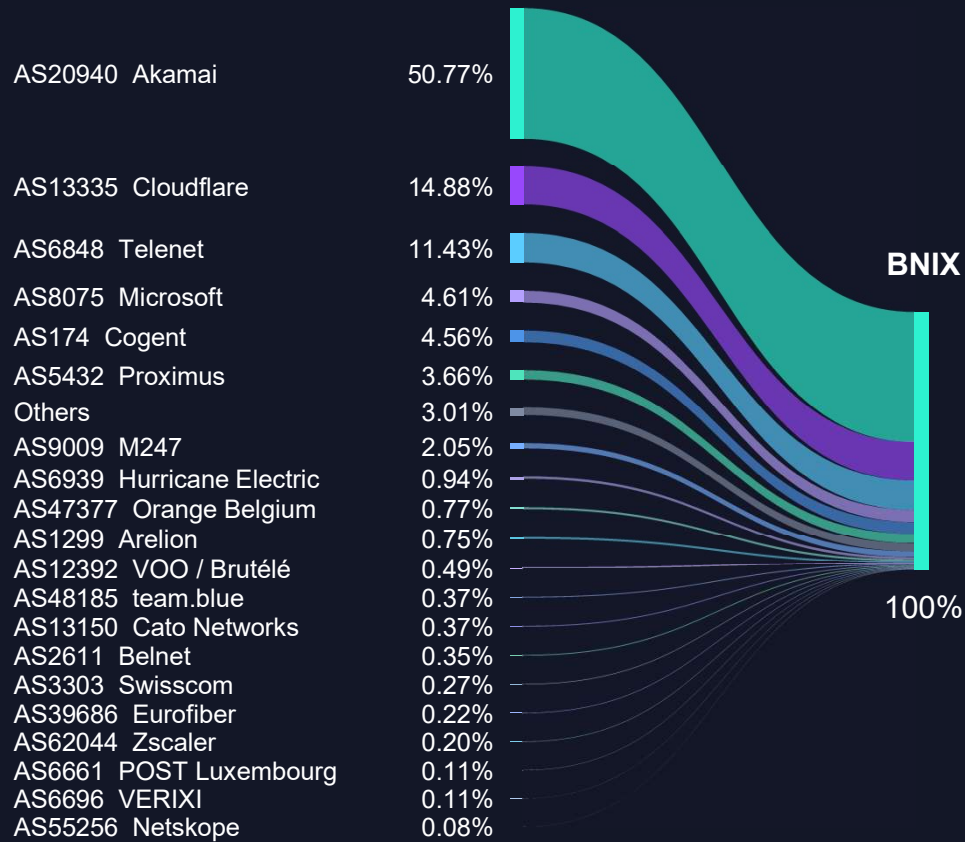
Engineering community

People we know for peering
and troubleshooting

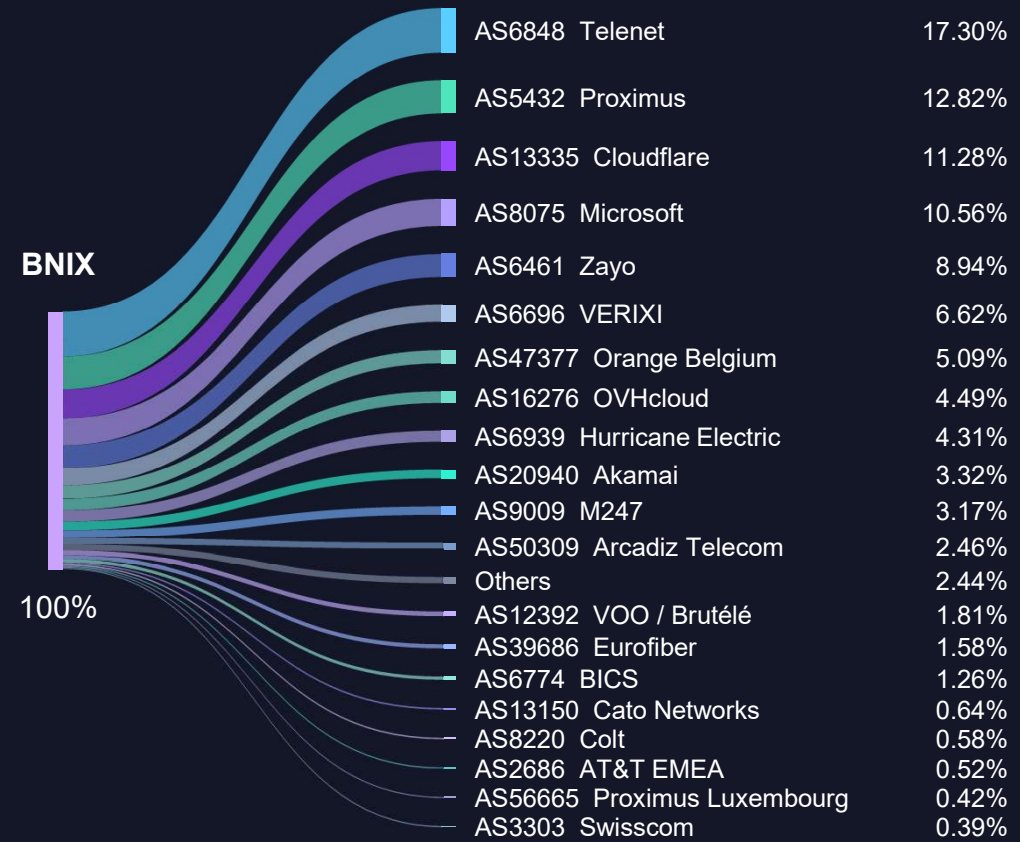


BNIX traffic by AS

Incoming

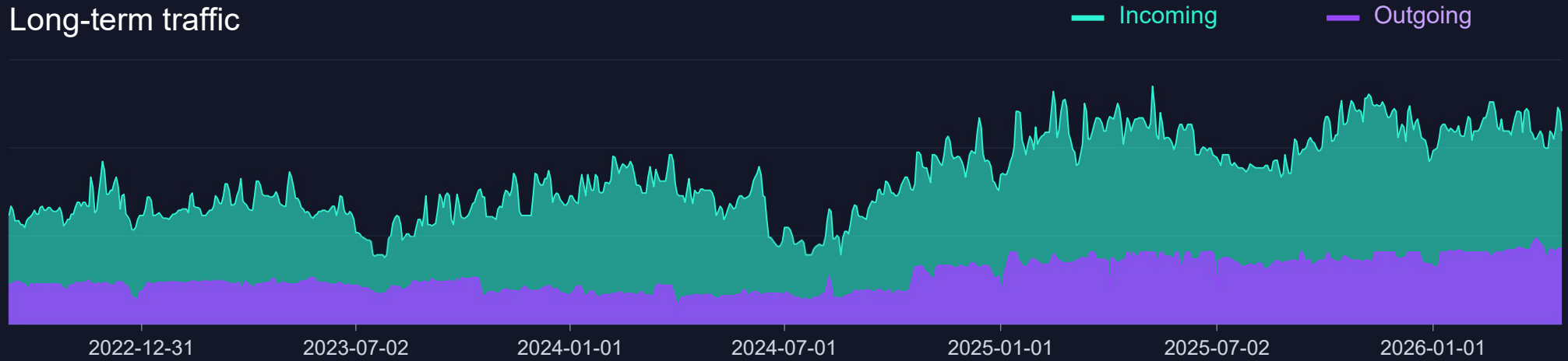


Outgoing

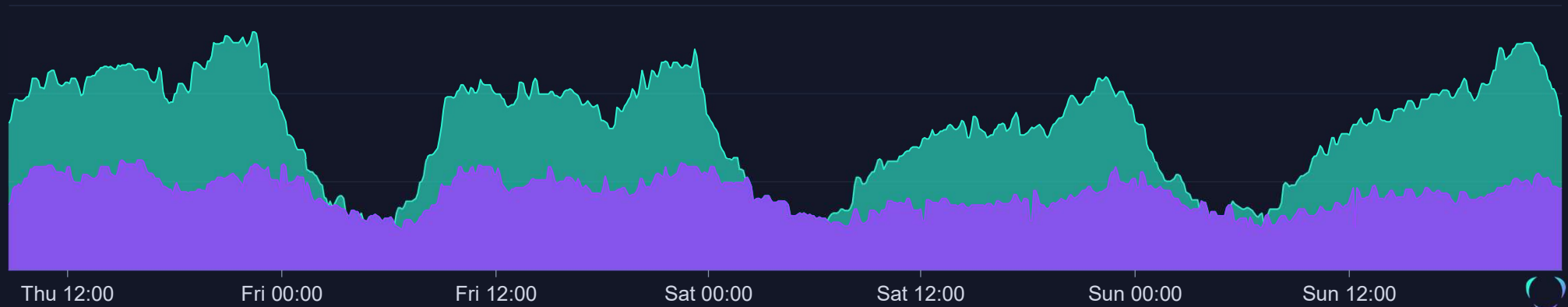


BNIX

Long-term traffic



Daily traffic



The Belgian market is changing

35.7%

Fibre coverage in January 2026

Up from 25% in January 2024

3x

Average mobile data consumption

Private market, over five years
BIPT reporting on 2025

More capacity demand, stronger competition
and continued pressure on delivery costs



My view: quality across the whole network

Customer experience

Access speed only matters if the complete path performs.

Resilience

Capacity planning must include failures and recovery.

Operational discipline

Automation and routing hygiene help networks grow reliably.

Competition and cooperation

Compete on services, while keeping interconnection open.



Thank you

Questions and peering conversations

Citymesh	AS199095	peering@citymesh.com
edpnet	AS9031	peering@edpnet.com

Olivier Dzwoniarkiewicz
Telecom Infrastructure Manager

