



Community *Fibre*

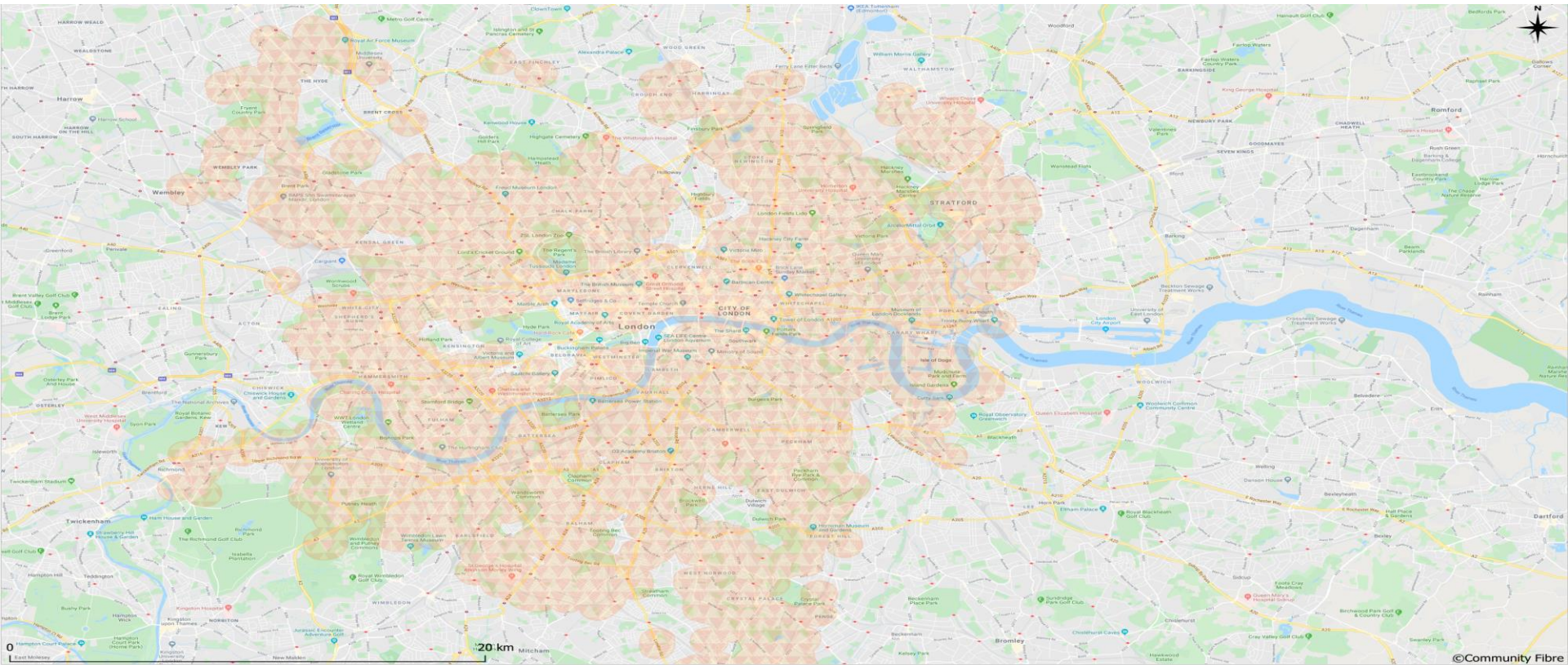
Community Fibre

IPv6 ISP Update

Sam Defriez – Head of Networks

Who am I and who are Community Fibre?

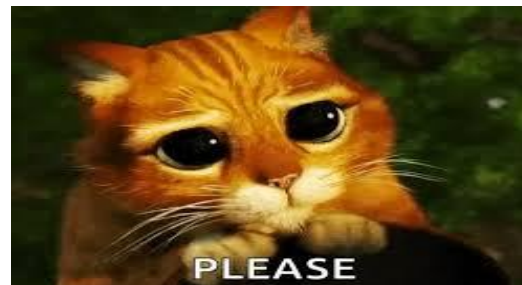
- Sam Defriez – Head of Networks
- Largest FTTH provider in London
 - Alt-net
 - Fastest ISP in UK (2018 & current month 2019 Thinkbroadband.com results)
 - 5 *'s on Trustpilot
 - XGS-PON access network



- Dual stack into 90% of our PoPs – 10% no equipment support (currently)
- We have 75 PoPs and a /29 v6 block from Ripe.
 - /48's to our customers



- More addresses please RIPE



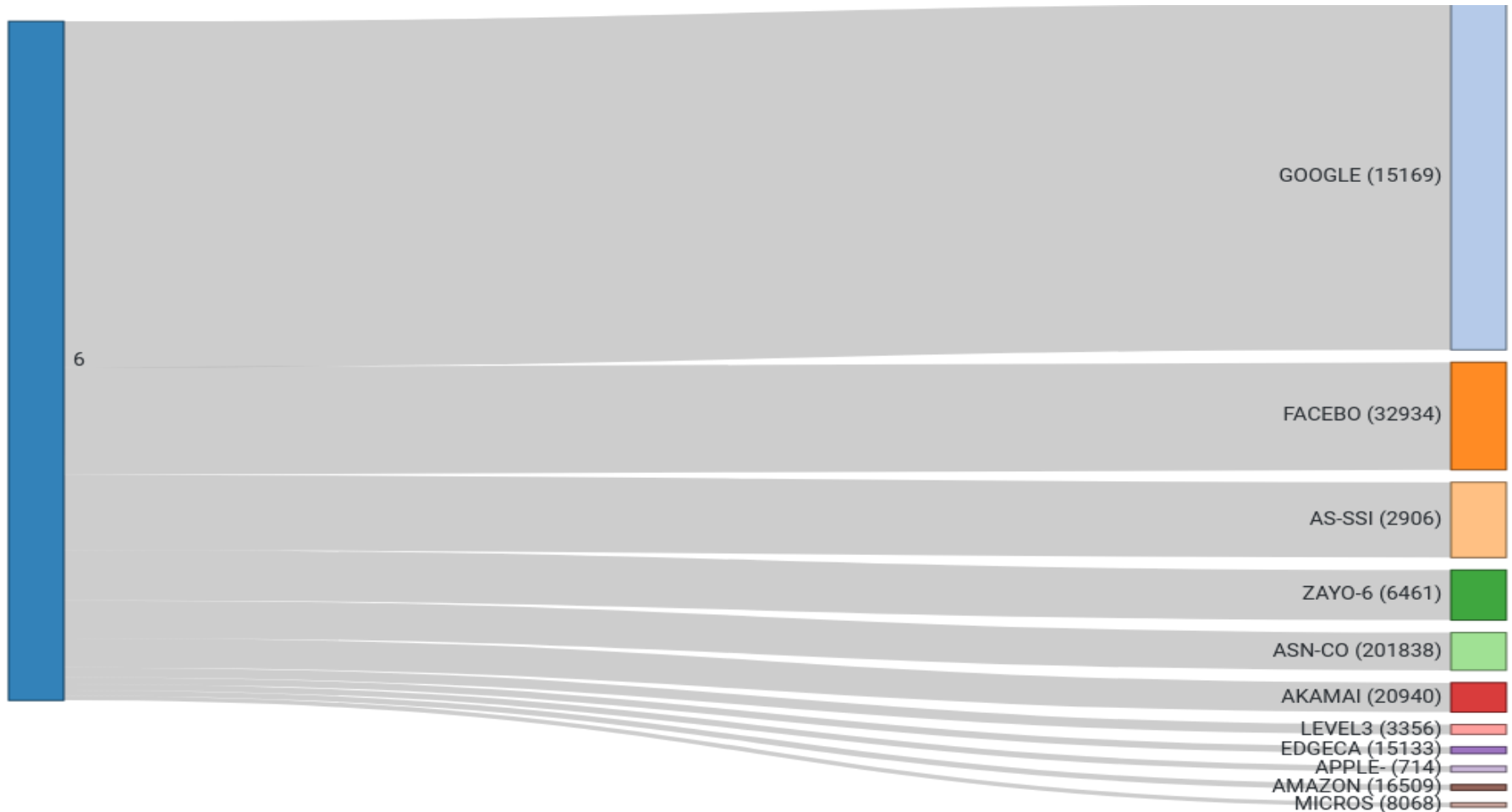
- 10G capable XGS-PON ONT



- Linksys Velop tri-band mesh-able home router



- Over 20% of our traffic now running over IPv6
 - Expected destinations – Google, Facebook, Netflix, etc.
- Traffic levels over IPv6 doubled since early July when rollout completed.



- **Interesting network issues noted in lab pre-deployment:**
 - Cogent blackholing of Google
 - Google play store over IPv6, no fallback to v4
 - Happy eyeballs works well
- **We plan to...**
 - Lab test MAP-T in the coming year for end of year deployment
 - Deploy IPv6 capable devices into remaining 10% of PoPs.