

Expanding UK's Network Infrastructure

Maurice Daw
Regional Director



It's a digital world

Homeworking



4.2m

Data
Consumption



132GB
per month

Home
Buyers



+£23k

Household
Connected Devices



>8

Connected
Devices



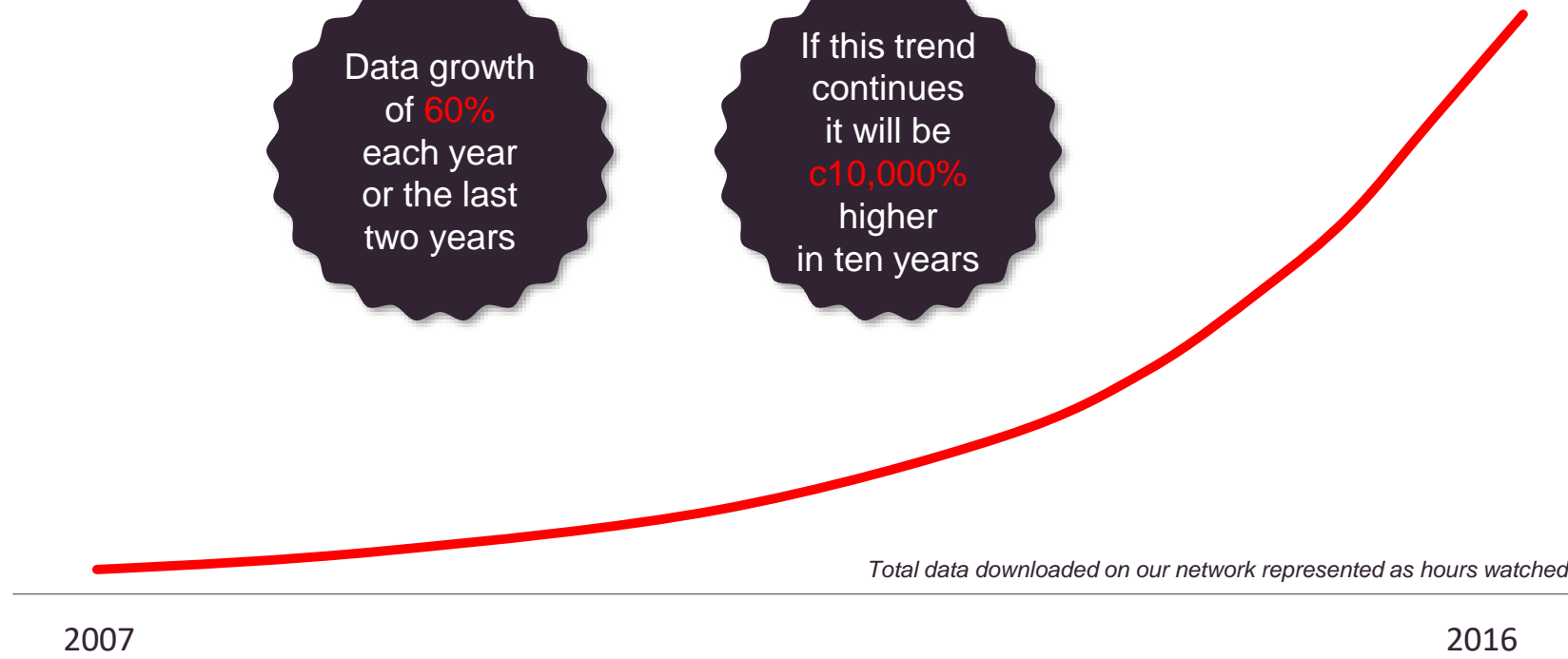
21bn

We know our customers want more

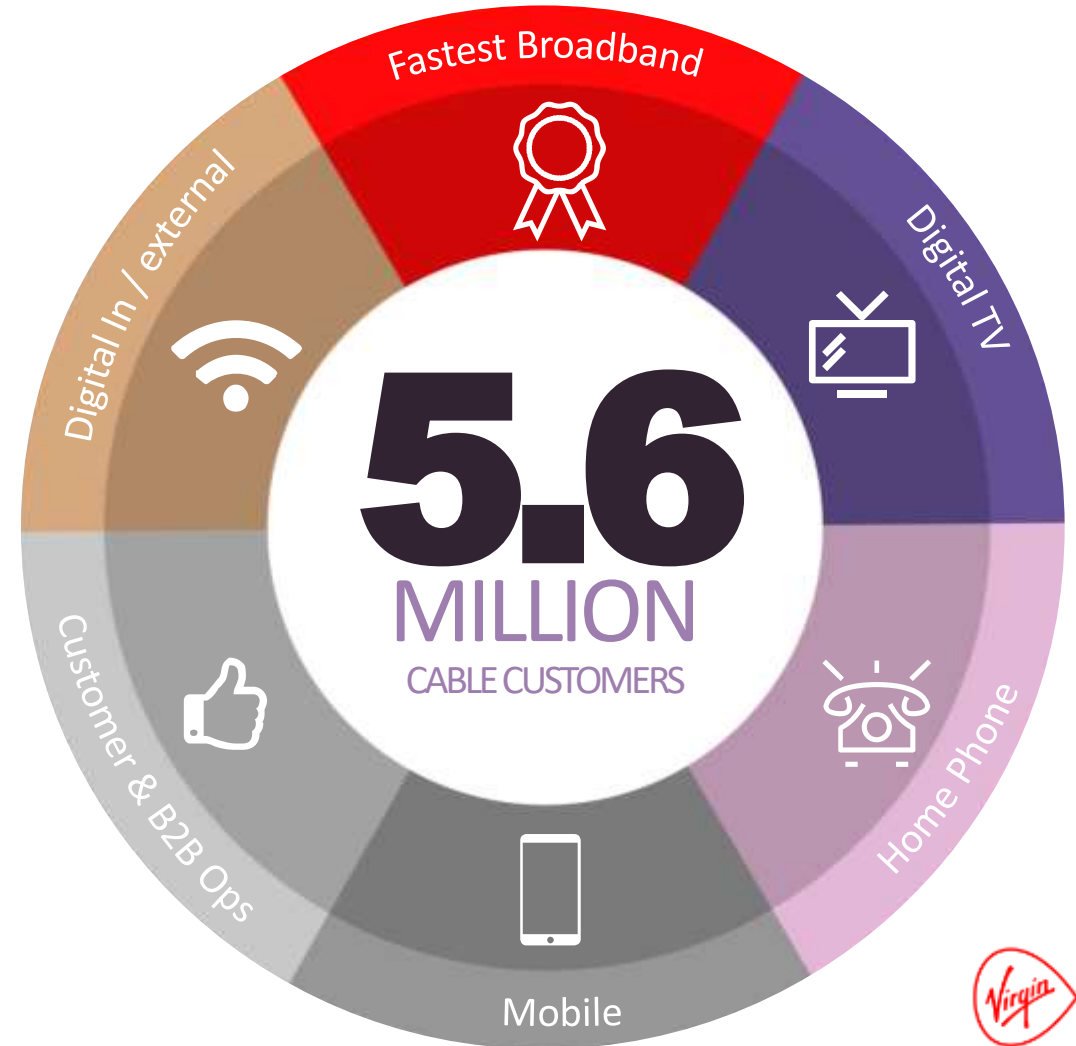
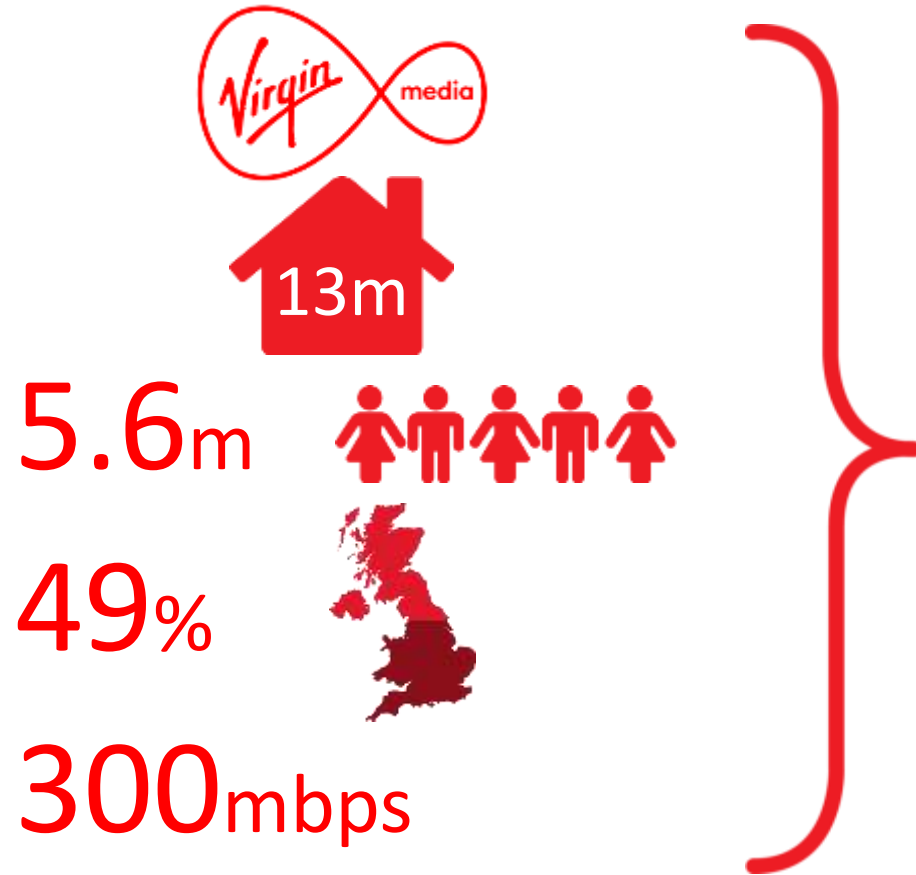
Virgin Media Broadband traffic

Data growth of **60%** each year or the last two years

If this trend continues it will be **c10,000%** higher in ten years



Because of our ultrafast network, we've been able to offer our customers what they want



Project Lightning

£3bn

New investment
(around triple the UK
government's BDUK investment)



6,000
Direct jobs



1,000

Apprenticeships



800

Professionals



1400

Engineering



3800

Construction

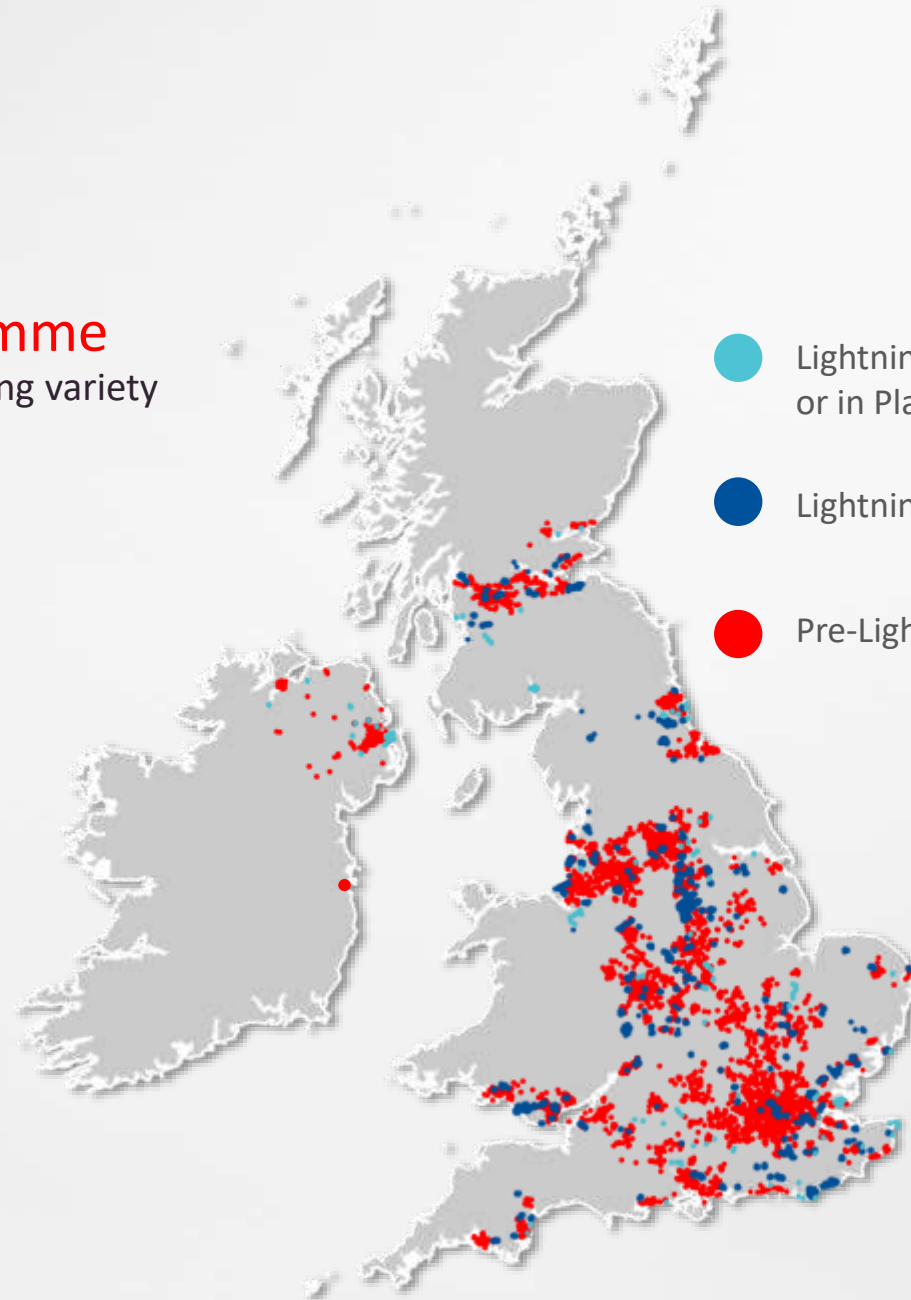
4 year programme

UK network build using variety
of technologies



4m

Extra premises
connected

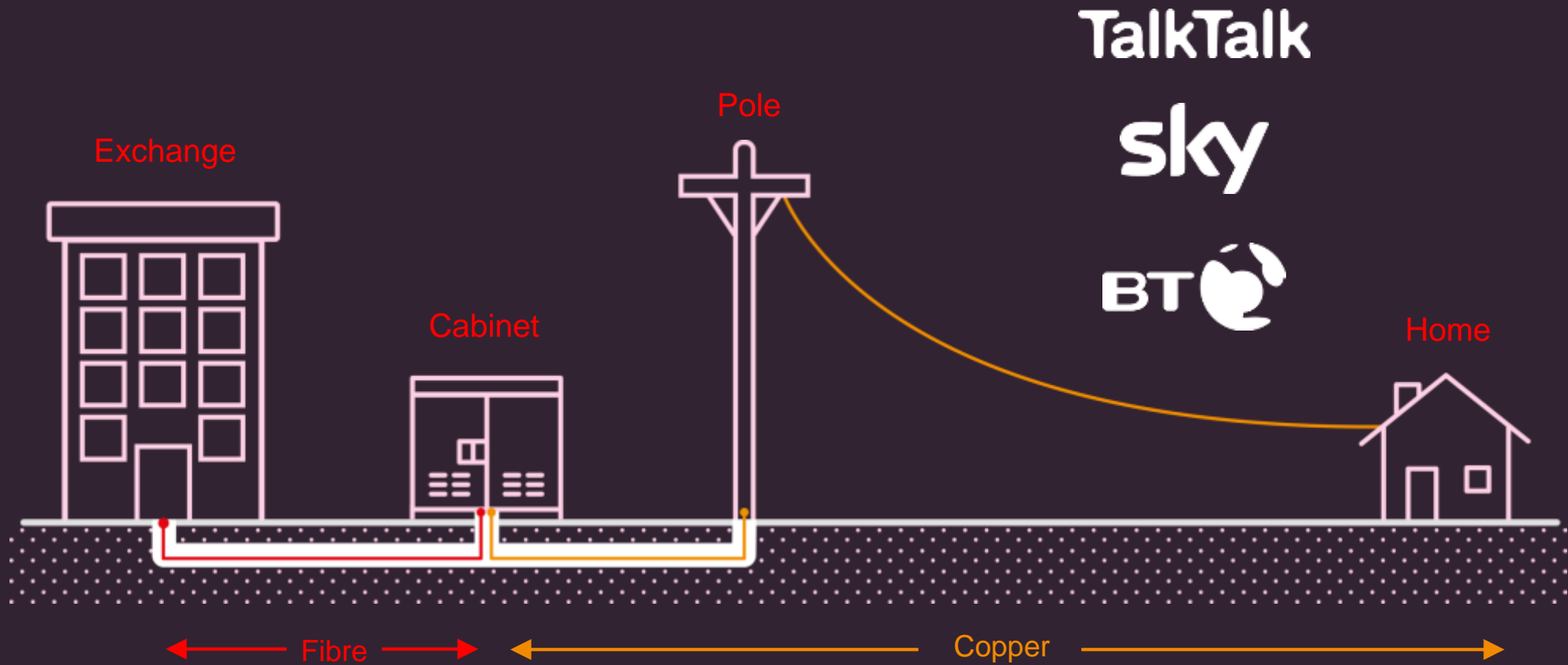


● Lightning Planned
or in Planning

● Lightning Built or in Build

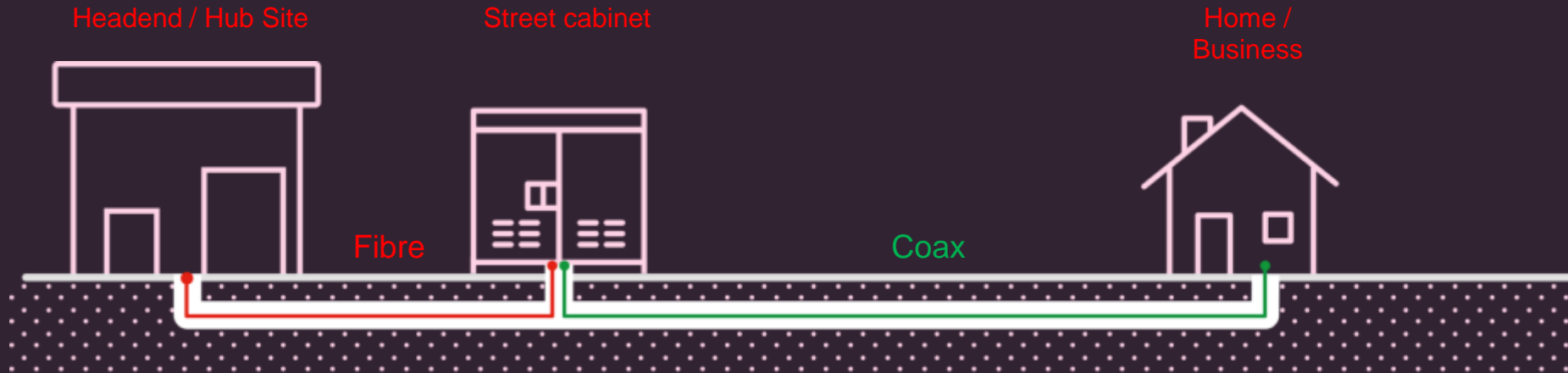
● Pre-Lightning Network

Openreach copper network – up to 76mbps

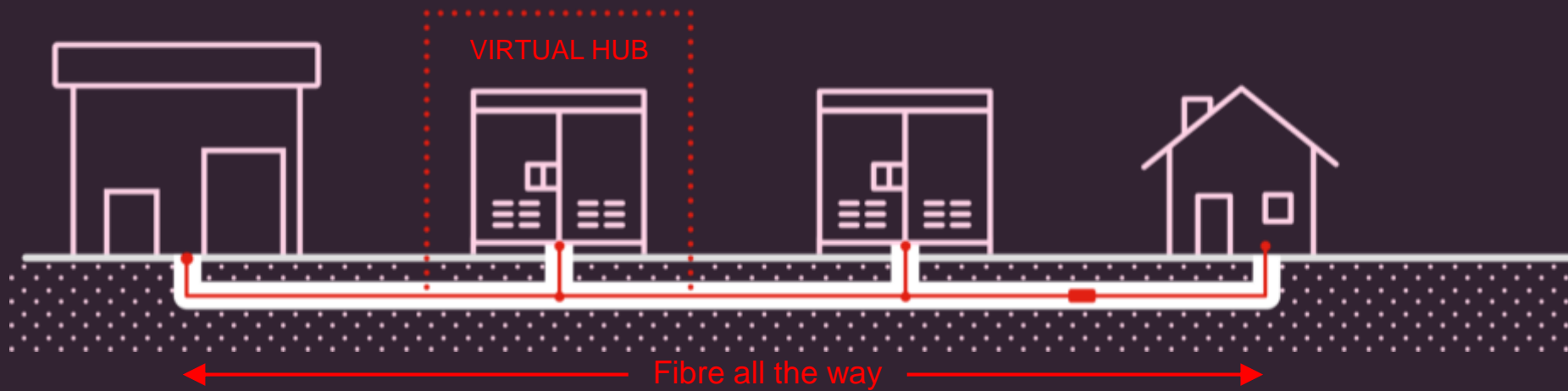


Virgin Media network – delivering 300mbps

HYBRID FIBRE COAX (HFC)



FIBRE to the PREMISE (FTTP)



How we're expanding our network

Identifying opportunities



Distance
between
doors



Distance
from existing
network



Local
demand

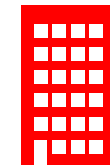
New
technologies



Direct fibre
connections



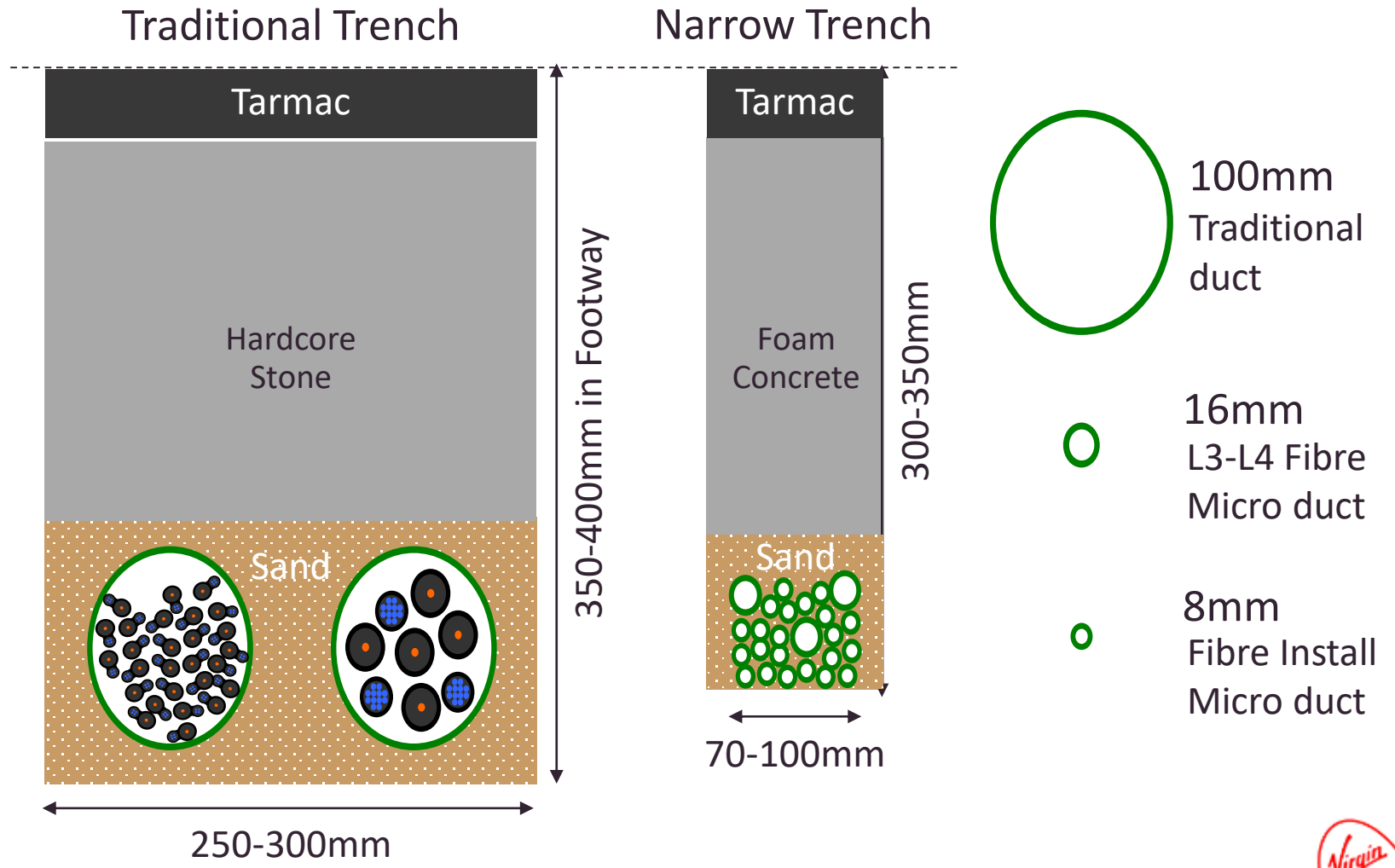
Voice over
broadband



Flats and apartments

Narrow trenching is key to FTTP future

- ~30% civils cost
- ~ 60% landfill
- 2x fast to deploy

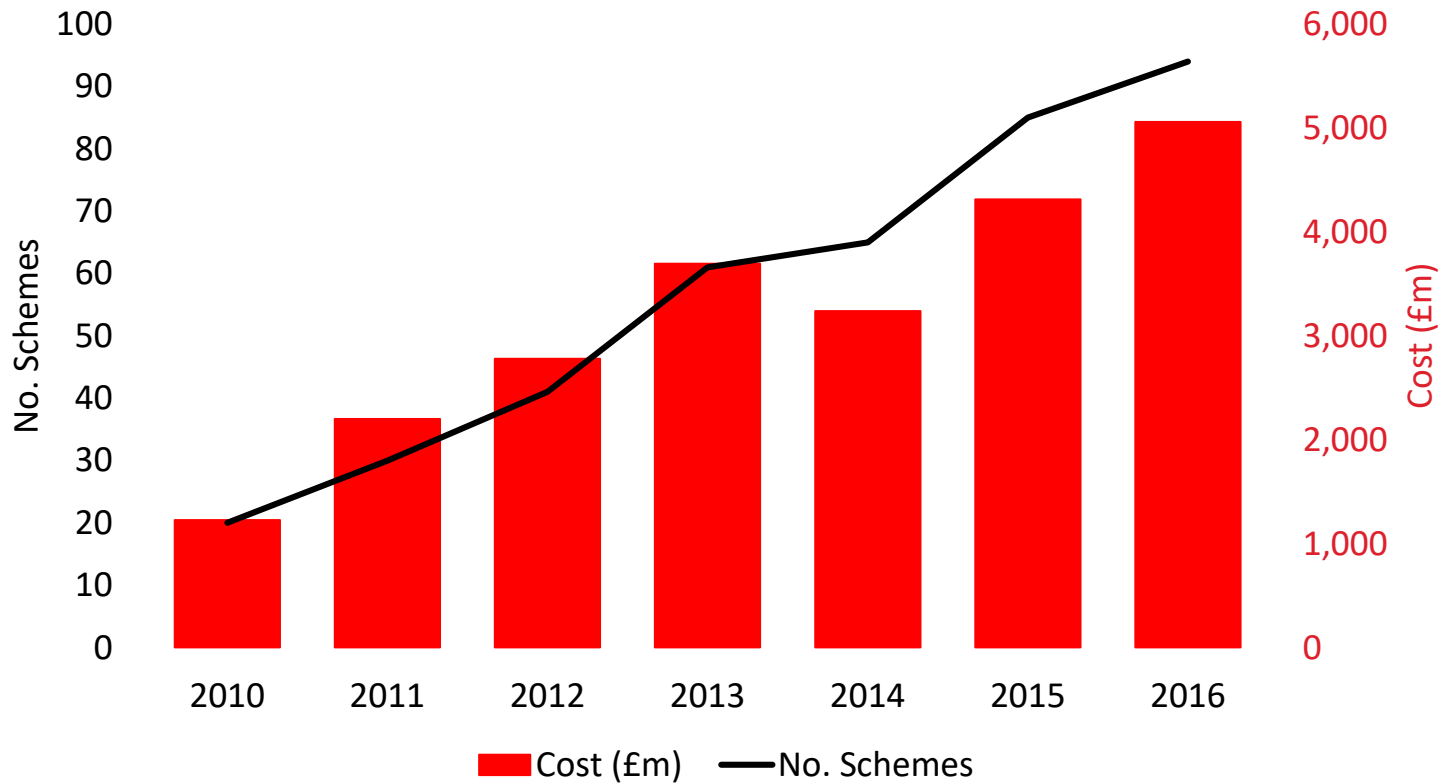


Parking and parking fines – money that could be spent on infrastructure

£300,000

in London alone

Permit fees divert £4m p.a. from roll out



£22m
Total since
2010



Help us deliver the Fibre Future:

- Support innovative deployment
- Help us reduce parking fines
- End permit tax on low congestion roads



Questions?



Thank you!