

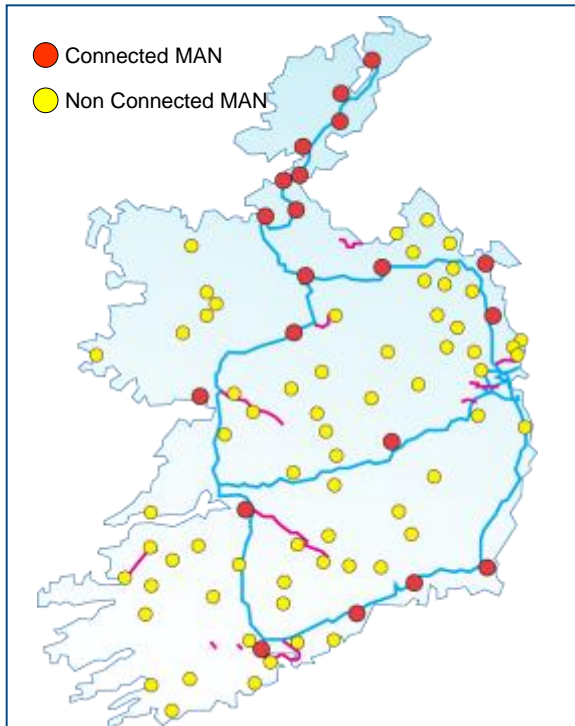


Energy for  
generations

# **ESB Presentation on National Broadband Plan June 2019**

# Leveraging ESB's Network

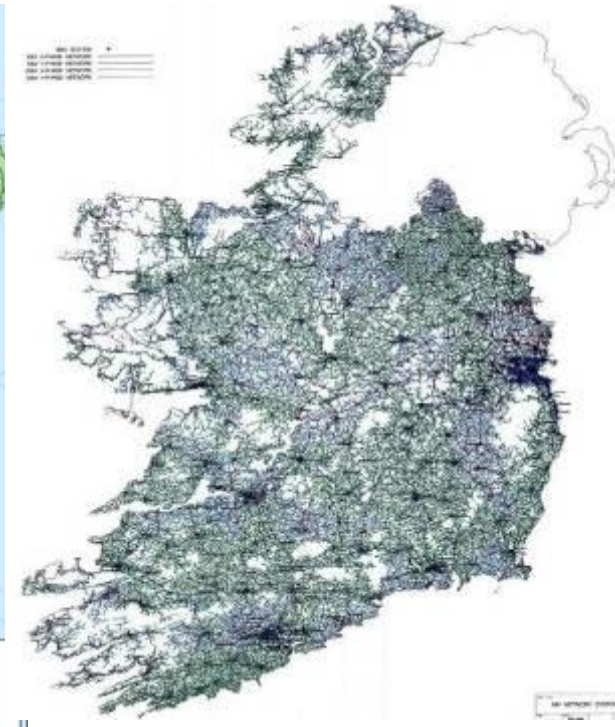
## ESB Trunk Fibre Network (~2,000km Fibre)



## High Voltage stations (~700)



## Medium Voltage electrical network



**Business Opportunity: to use electricity network to bring fibre to homes and premises**

# 2014 - Why a Fibre project?

## Digital Agenda for Europe

30Mbps for 100% of population

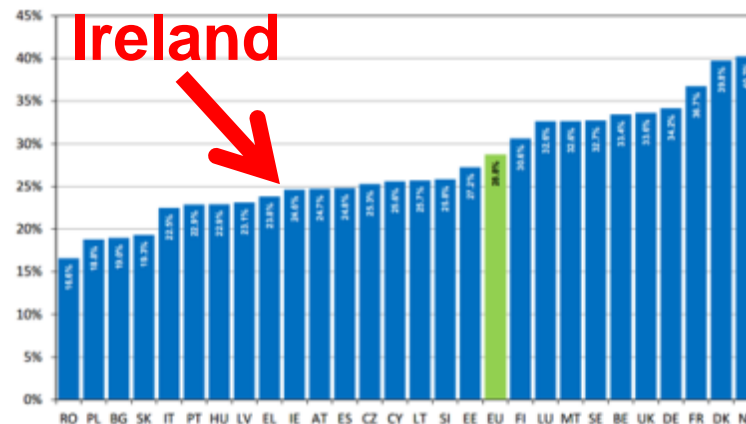
100Mbps for 50% of population



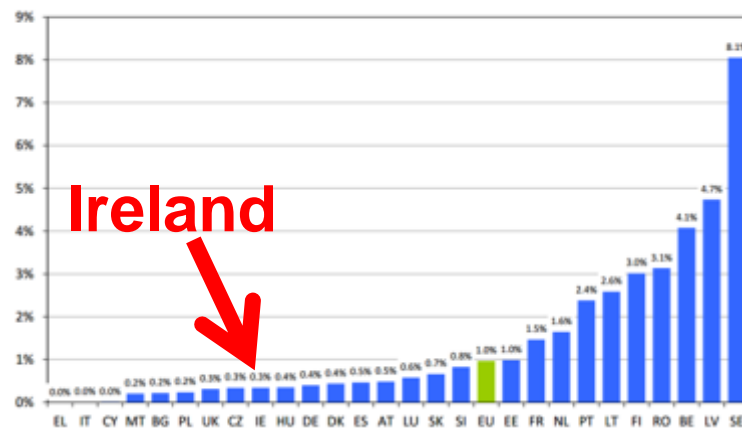
## Ireland National Broadband Plan



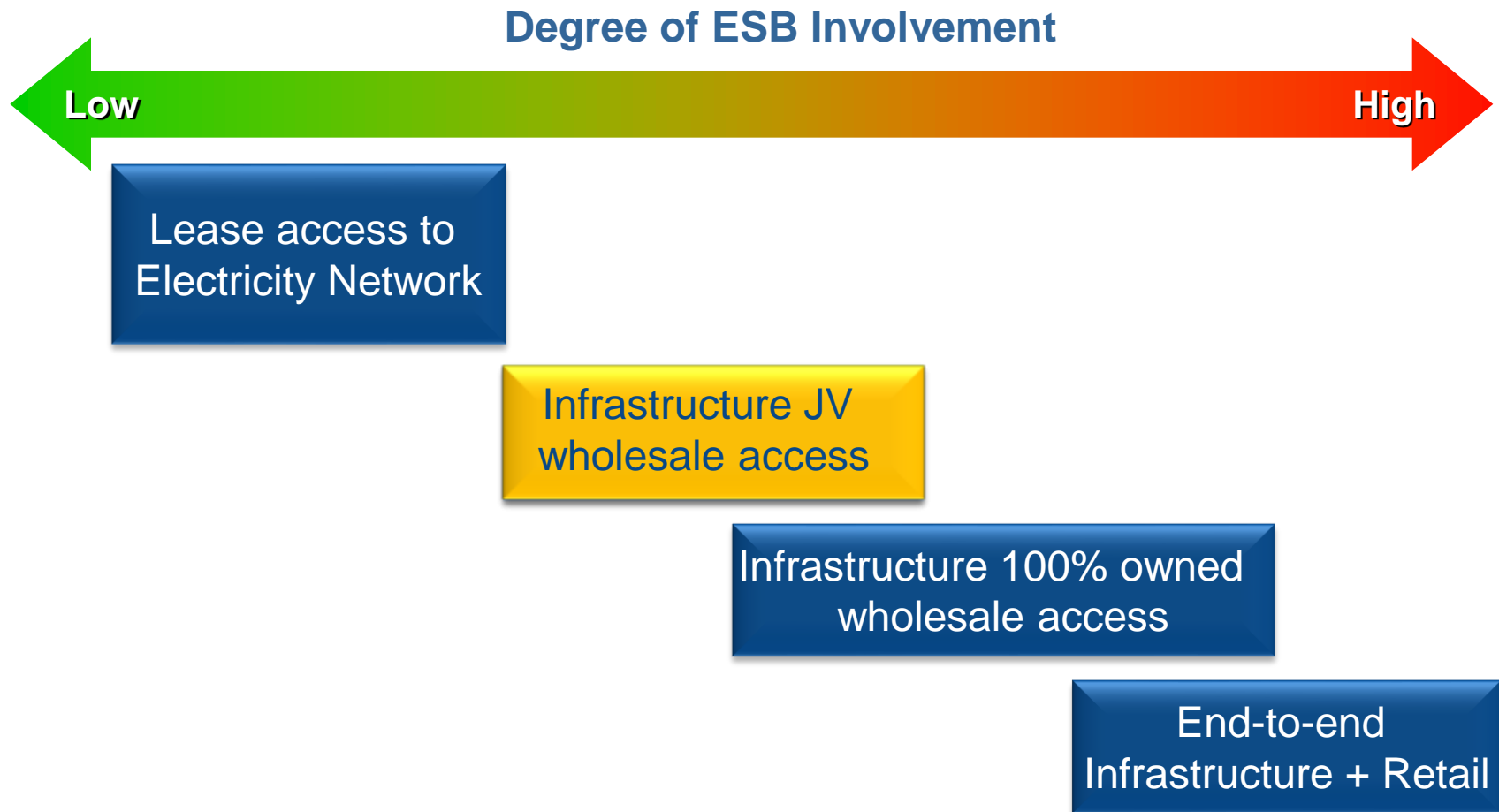
Fixed broadband penetration, January 2013

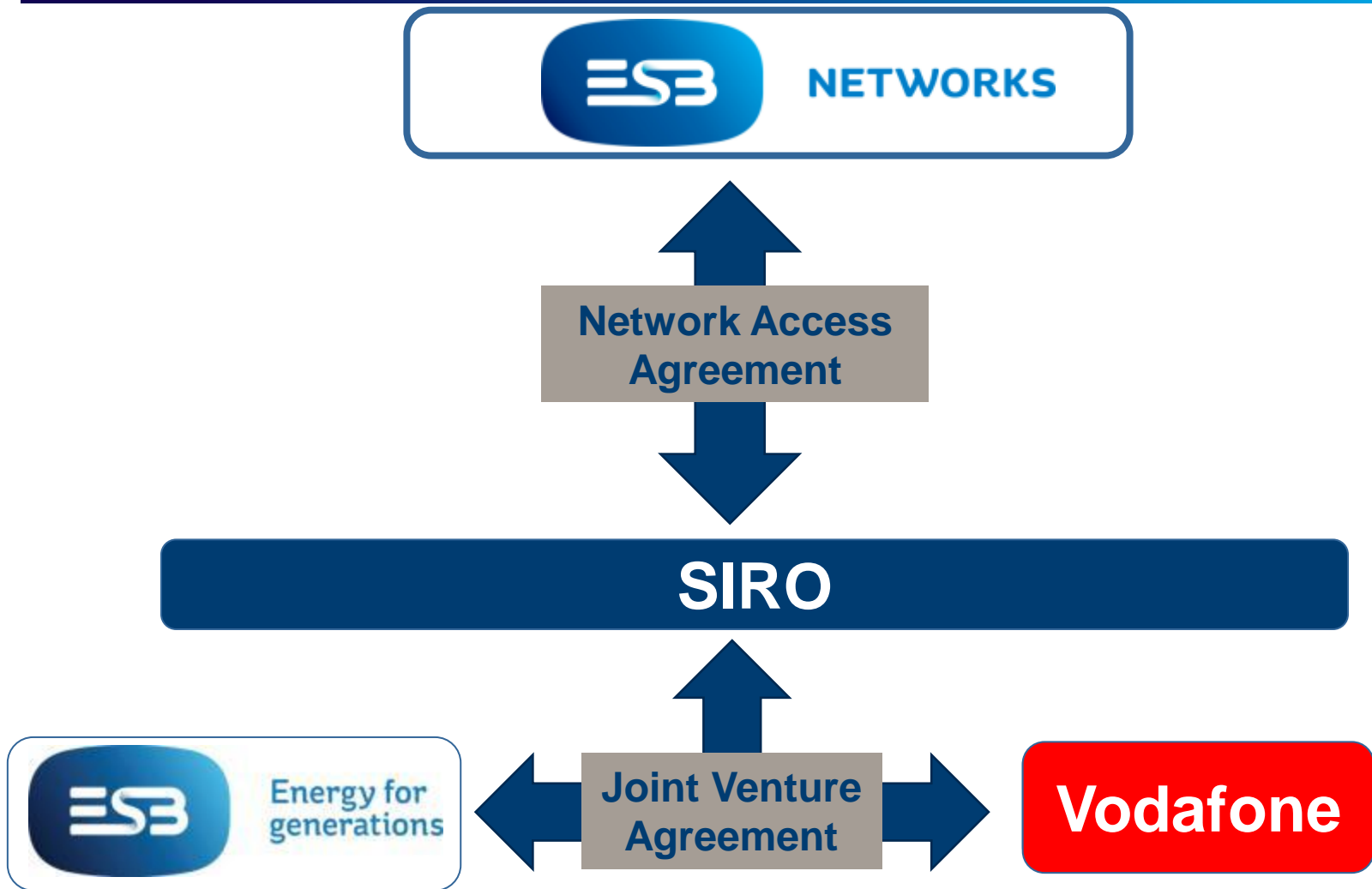


Penetration of lines with at least 100Mbps, January 2013



# FTTB Commercial Options





Available in 37 towns

>242,000 Homes Passed

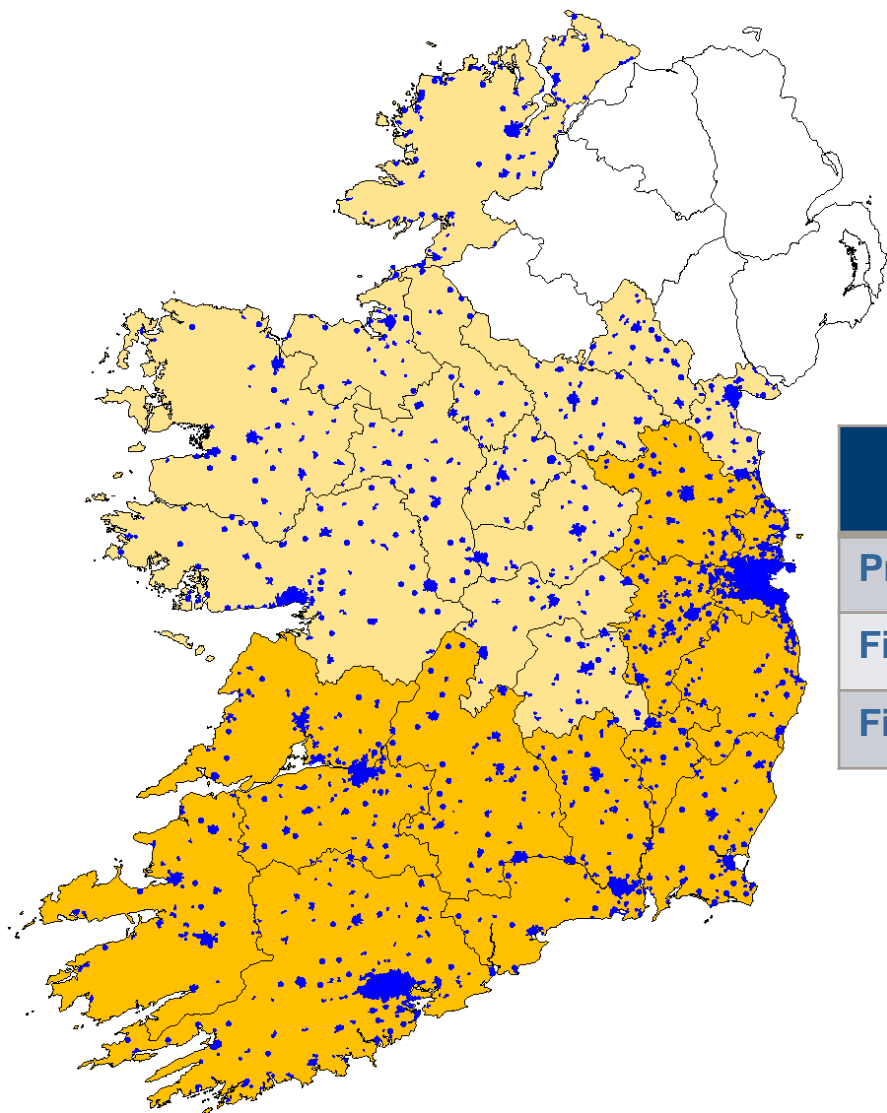
42,000+ Customers

Making Gigabit  
Society a reality

14 Retailers

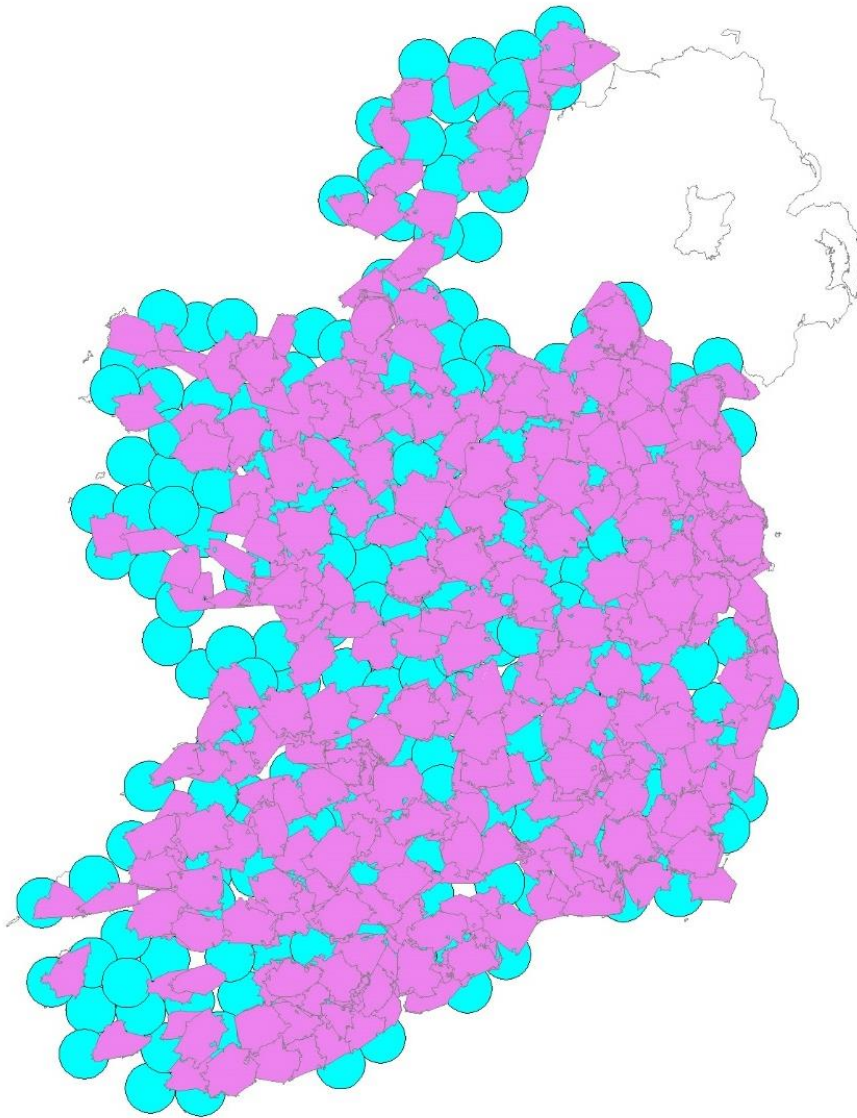
Best in Class  
Service Delivery

# National Broadband Plan



	SIRO Phase 1	NBP
Premises	450,000	757,000
Fibre on MV Overhead	1,304 km	76,800 km
Fibre on MV Underground	3,359 km	1,850 km





**402 POPs and 181 Mini-POPs will cover  
the vast majority of the country**

**Represents 583 individual telecom  
networks**



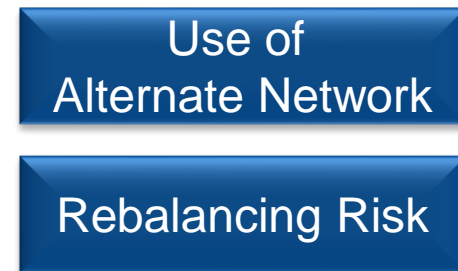
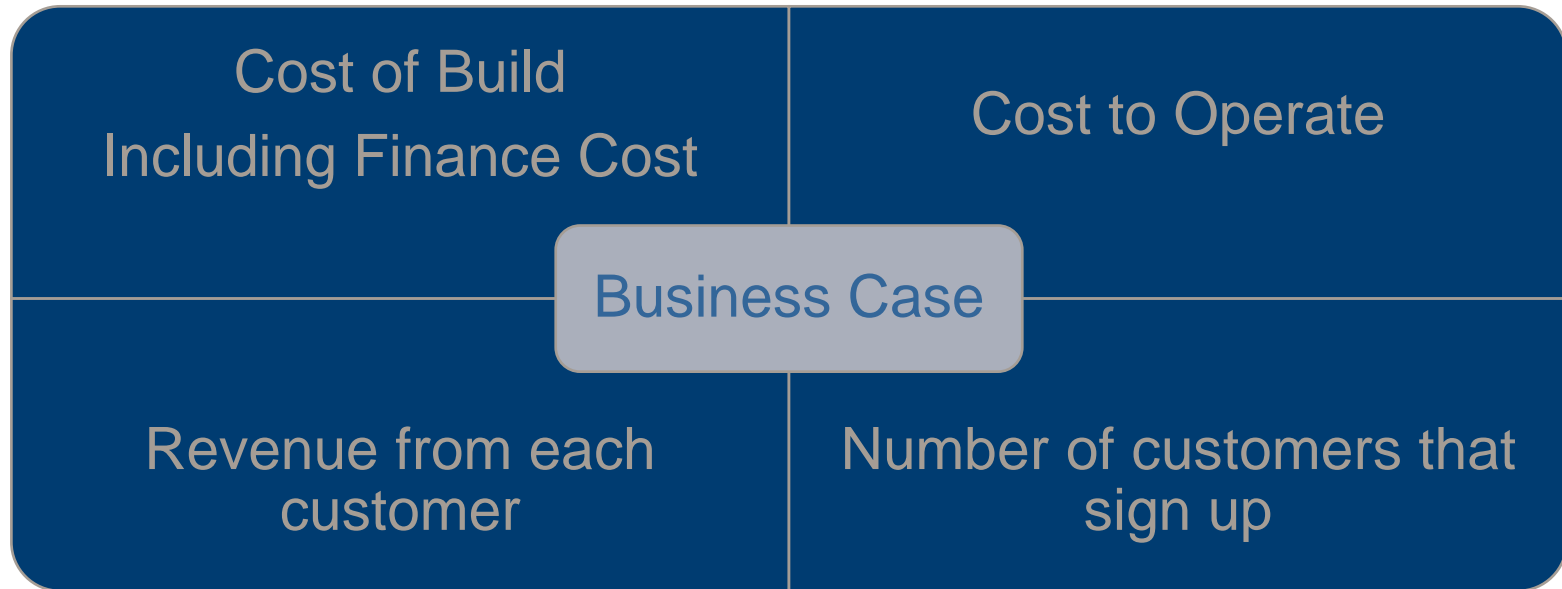
## Timeline (1 of 2)

Timeline	DCCAE	SIRO
November 2014		SIRO Formed
Mid 2014 – Mid 2015	DCCAE Market Engagement on NBP Strategy & Mapping	SIRO Inputs
Mid 2015	DCCAE Publish Draft Strategy	SIRO Inputs
December 2015	DCCAE Publish revised strategy, updated map and start procurement process	
Q1/Q2 2016		SIRO prepares detailed prequalification submission
June 2016	DCCAE prequalify bidders and progress procurement process	SIRO commencement detailed engagement with DCCAE

## Timeline (2 of 2)

Timeline	DCCAE	SIRO
December 2016	DCCAE advise bidders potential for 300k premises to be removed as eir commit to contract.	SIRO advises DCCAE that significant additional time required to adjust mapping and develop business case
Q1 2017	DCCAE completes due diligence on eir plan and revise NBP Intervention Area	SIRO carries out mapping exercise for revised intervention area
Q2/Q3 2017	DCCAE progresses procurement process	SIRO engages with DCCAE on NBP Contract to develop commercial business case.
September 2017		SIRO withdraws from procurement process

# Commercial Challenges in 2017



# Summary

- In 2015 SIRO, ESB & Vodafone mobilised an expert team to engage with the DCCAE and to develop a complete technical and commercial solution for the National Broadband Plan.
- In Q1 2017 advised that the Intervention Area was to be reduced by 300k premises. This had a material impact on the technical design and resulting business case.
- Through the engagement in the process in 2017, SIRO and its shareholders were challenged to develop a business case to remain in the NBP Competition.
- In Q3 2017, after significant engagement with the DCCAE on the contract and key aspects of the business case, SIRO along with ESB and Vodafone concluded that it couldn't develop a business case to justify continued participation in the National Broadband Plan.
- SIRO therefore withdrew from the NBP Competition in September 2017.
- ESB is now focused on the implementation of its Brighter Future Strategy and supporting the government on the implementation of its recently announced Climate Action Plan.

# Appendix

- NBP premises are marked in blue dots
- Eir proposed to connect houses marked in red
- This isolates premises not on main roads out of population centres

