



**Diputació  
Barcelona**

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European Union  
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# **Comments on Fibre Infrastructure**

## Experience from Barcelona Provincial Council

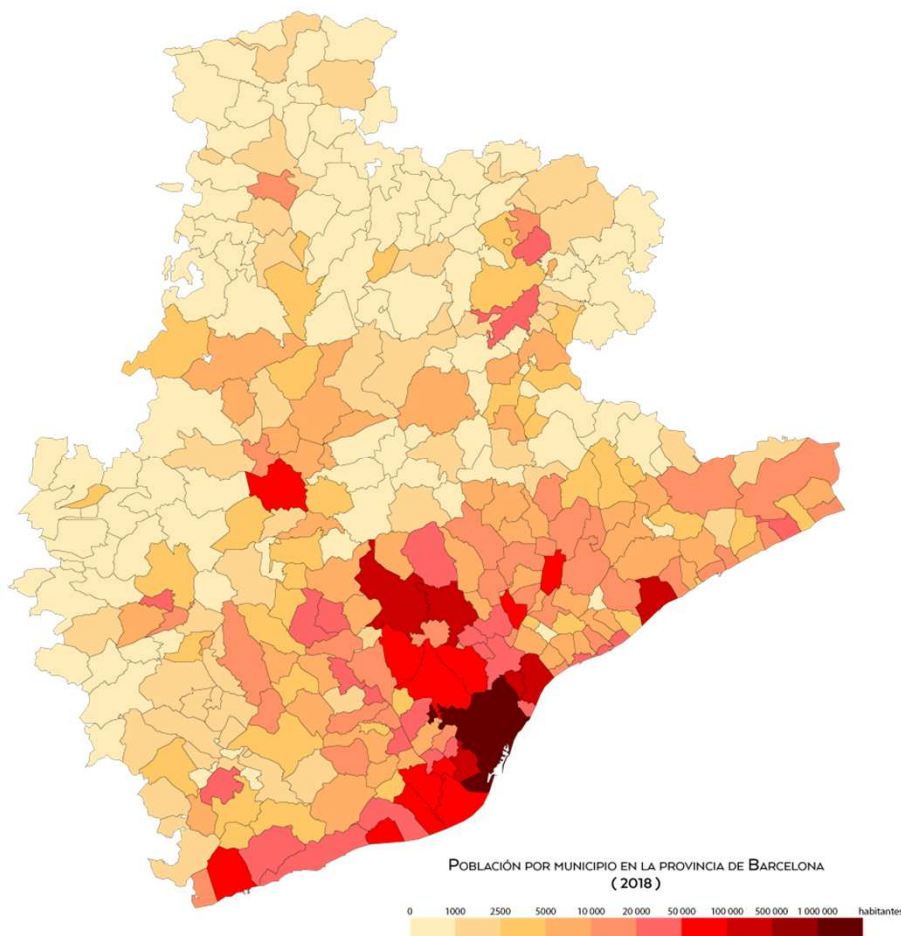
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14 May 2020, Policy Learning Event #2 – Lower Austria

# Province of Barcelona



Population by municipality in the Province of Barcelona

## Province of Barcelona

Municipalities	311
Total area (km <sup>2</sup> )	7,726.4
Population (2019)	5.664.579
Population density	733 hab./km <sup>2</sup>

**85% of the municipalities have a population < 20.000 inhabitants.**

**181 municipalities (58%) have less than 5.000 inhabitants → rural areas**

# Deploying cabling infrastructure on roads to facilitate fibre optics accessibility

- **Objective:** To deploy cabling infrastructure through its roads to facilitate fibre optics accessibility for all the municipalities in the province of Barcelona.
  - To ensure that all residents in the territory have access to competitive and high quality broadband connectivity.
  - To build public infrastructure in low-density areas where private operators have fewer incentives to invest in.



## Deploying cabling infrastructure on roads to facilitate fibre optics accessibility



- The deployment of cabling infrastructure is done in roads owned by Barcelona Provincial Council, which facilitates and speeds up project implementation.
- Building the cable pipes represents some 80% of the total cost of the actions needed to implement a fibre optic network. Therefore, building this infrastructure is an important boost for its development.

# Key strategic project

## PHASE 1:

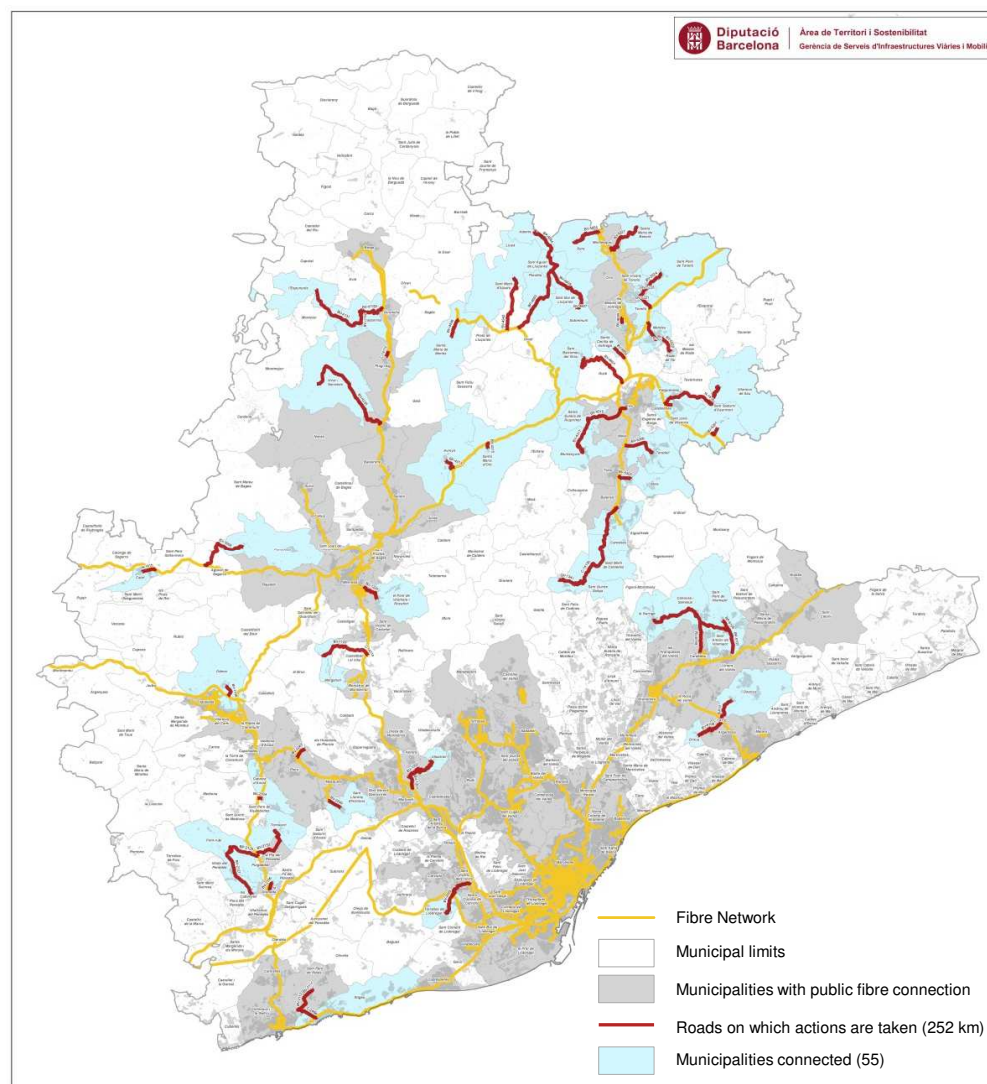
### Impact

- 252 Km - roads
- 55 municipalities
- 178.540 inhabitants
- Investment: 18.899.161,33€

### Timeline

- April-December 2018

Currently, more works are under development.





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Thank you!

Questions welcome

