Broadband and Ultrabroadband Italian National Plan Deployment

Public Consultation

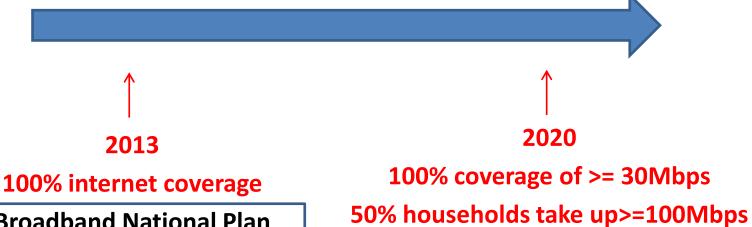## Infratel Italia S.p.A

Infratel Italia spa

- Infratel Italia, is the in-house company of the Ministry of Economic Development, engaged in:
    - **planning and construction** of optical infrastructure in **white and gray-yes** areas;
    - **funding gap identification**;
    - providing financial **contribution** to Telecommunication Operators for the deployment of new broadband and ultra broadband infrastructure;
  - Based in Rome + 4 local offices;
  - Operations started in 2005 - 10 people;
  - 2016 - 80 people.

DAE – broadband for all

2013

100% internet coverage

Broadband National Plan
State Aid
SA 33807/2011
646/2009

2020

100% coverage of >= 30Mbps

50% households take up>=100Mbps

UltraBroadband National Plan
State Aid
SA 34199/2012

EU Guidelines for the application of State aid rules in relation to rapid deployment of broadband networks

Consultation Purposes

Since 2010, Infratel Italia S.p.A. issues an **annual public consultation** which main purposes are:

- assess fixed, mobile and wireless telecommunication operator's **Broadband coverage** (ADSL, BWA, 3G/4G) and map their **Broadband access infrastructures**;

- assess **UltraBroadBand** operator's coverage (NGAN-FTTC-FTTB/H);

to clearly identify areas where there is a missing or insufficient access to broadband and ultrabroadband services and there is lack of private plans in the term of 3 years (White and Gray Areas).

Areas Definition

- 94.645 areas were defined by merging the lowest hyerarchy ISTAT areas;

- Each councyl/municipalty is thus divided in «Infratel Areas»

- Infratel Areas definition criteria:
  - No cross-municipality
  - Mapping with fixed network access nodes

Questions to operators

For each of the <u>94.645 Areas</u>, Operators have to answer to the following questions (year 2015 as is–'16-'17-'18 planned):

- Population/households coverage;

- Maximum upload/download speed (BB+UBB);

- Operator uses its own network infrastructure or lease it from the wholesale market? (backhaul/access nodes);

- Would operator be interested to acquire "rights of use" of public infrastructure (fiber/ducts/poles/radio-sites) in case public infrastructures are deployed?;

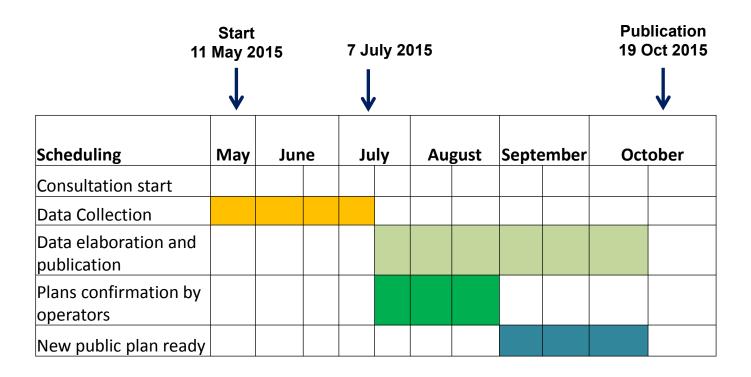- Is the plan conditioned by public funded infrastructures availability?

Process

1. Adequate **communications plan** (website and GURI) and direct mailing;

2. Four **questionnaires available (.xls) and shapefile (.shp-.dbf)** for download on website depending of kind of operator (Fixed, Wireless fixed, Mobile, Ultrabroadband);

3. **Compiled (.xls) questionnaires uploaded** on website and automatically formally verified;

4. **Elaboration and partially automatic total coverage output** per area.

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Public Consultation 2015 Timing

Start 11 May 2015   **7 July 2015**   **Publication 19 Oct 2015**

Scheduling	May			June	July		August		September		October	
Consultation start												
Data Collection	██	██	██	██								
Data elaboration and publication					██	██	██	██	██	██		
Plans confirmation by operators					██	██	██					
New public plan ready								██	██	██		

Critical issues

- Communications plan;

- Questionnaires compilation by operators;

- Questionnaires and aggregate dimension;

- GIS elaboration vs table elaboration.