



Satellite Broadband for European Regions
CIP-ICT PSP Call 6

Panel 2: Requirements of early stream regions

Numérique Numérique



European Commission
Information Society and Media

www.project-saber.eu

Addressing market needs

Market size

Nb of potential Broadband Internet subscriptions in Nièvre : 127 000
Today 97% connected.

Multi technology strategy for high-speed access to the public Internet to all users :

- Wimax : 1548 subscribers (average of 20 new per month) – 52 Base Station (BS)
- WIFI : 43 subscribers (less investment than WIMAX) – 3 BS
- Satellite : 145 subscribers – quite stable
- Fibre : for companies only (103 customers)

Potential of growth

+15 000 homes for the WIMAX technology

+1 000 homes for the Satellite technology

Also new customer's demand for more intensive use of internet technologies (such as tripleplay), increase their need for higher bandwidth services. This impact the need of alternative technologies.

WIMAX technology

- 80/200 homes per WIMAX
- 10 to 4 Mbps download
- 512 Kb Upload

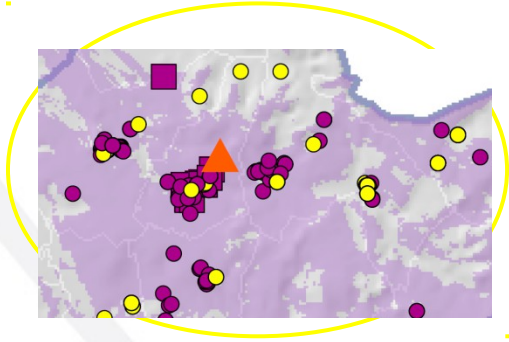
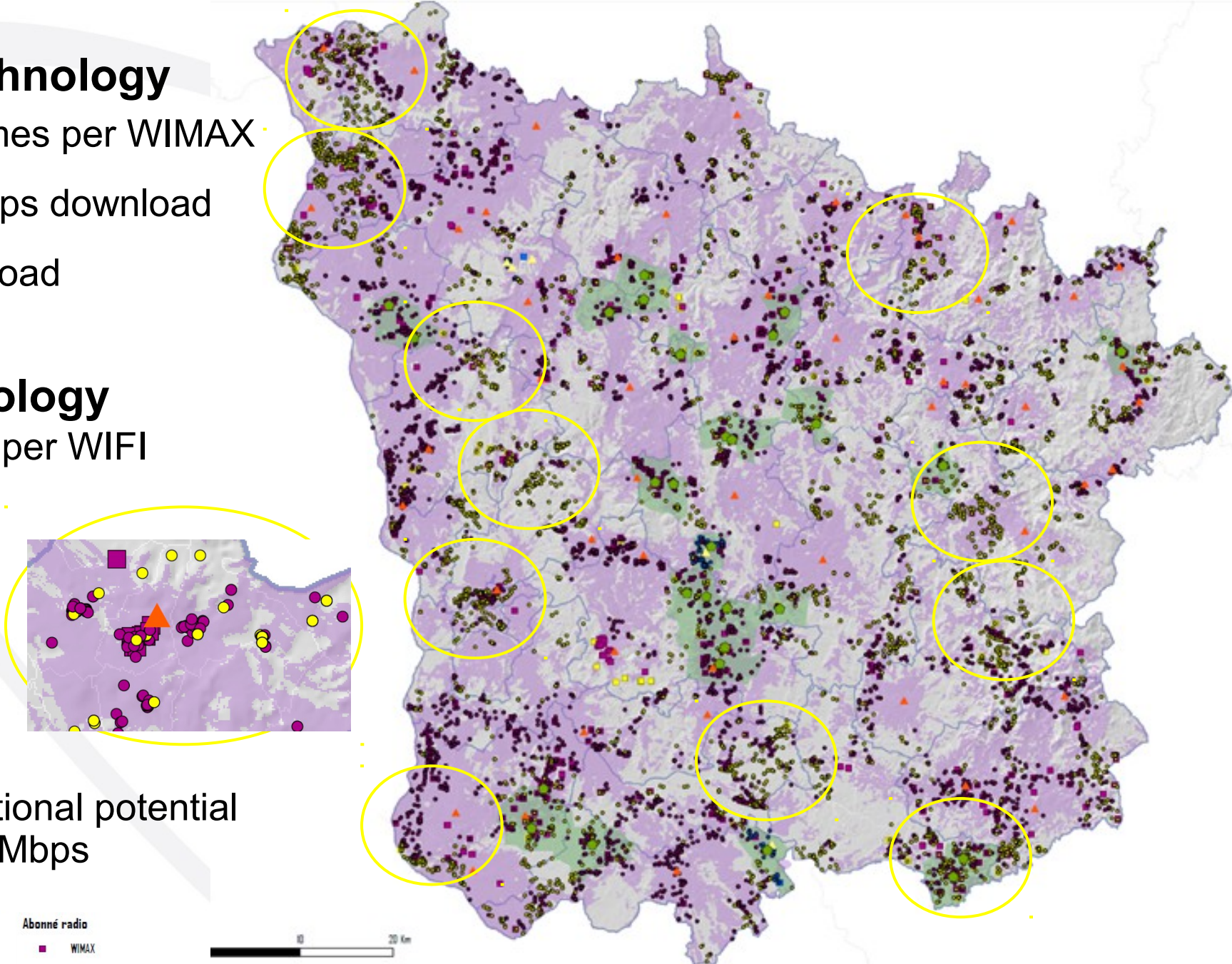
WIFI technology

- 20/30 homes per WIFI
- 4 Mbps
- 512 Kb

Satellite

- Individuals

Including additional potential for less than 2Mbps



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GMUX	Inéligibles DSL	Abonné radio
SR GMUX	WIMAX	WIMAX
Points Hauts WIMAX	WIFI	WIFI
Points Hauts WIFI	Satellite	Satellite
Zones arrières des SR GMUX		
Couverture Hertzienne		
Cantons		

Positioning Satellite within your Broadband Strategy

Satellite broadband is not mentioned within the overall broadband strategy for our region, because it remains at an individual level and do not need public investments and the definition of an infrastructure plan.

The possibility of offering packages to group of remote users (cf previous mapping) via our delegatee is a way of including satellite in the implementation master plan of the region.

Additional considerations

*today, commercial offers are based on a user constraints as customers need to control their consumption.

** offers should be available on all network and not linked to the provider

***creation of a European label to strengthen fewer operators at a european level

