



Satellite Broadband for European Regions
CIP-ICT PSP Call 6

Contribution of satellite systems to 100% EU broadband coverage

Space4You - Living Lab: Space for Regional Best Practices

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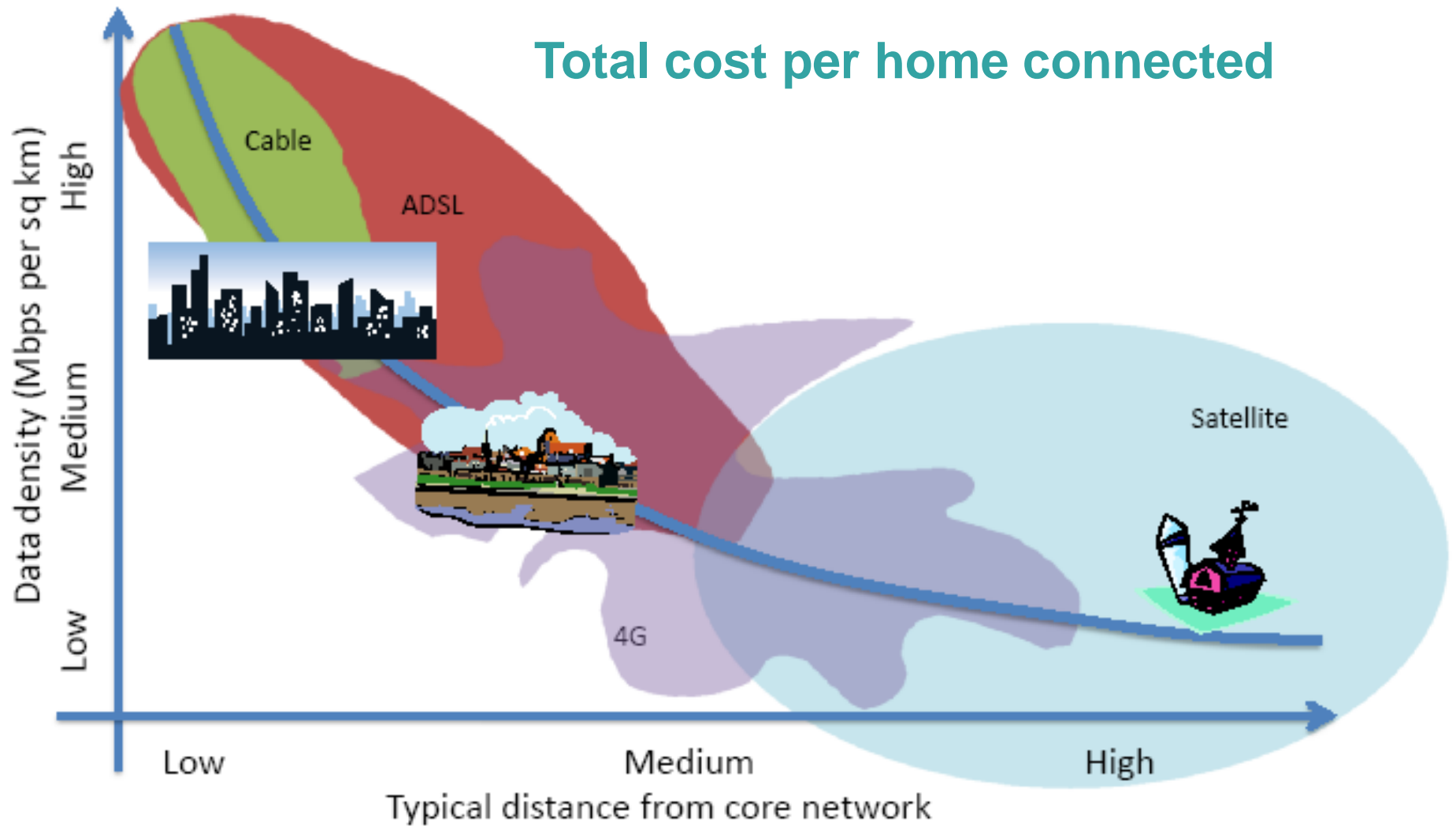
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www.project-saber.eu

IS THERE A PLACE FOR SATELLITE IN THE BROADBAND COVERAGE?



DIGITAL AGENDA FOR THE EU - THE LEFT APART

Neelie Kroes,
European Commission Vice-President
EU Commissioner for the Digital Agenda

2010

Public financial support must truly target market failures or support the delivery of broadband in *rural and remote areas*

2011

The benefits of the internet must be spread to include everyone. All Europeans, 100% of them, should have access to basic broadband by 2013. 95.5% of Europeans are now covered by *fixed* broadband internet infrastructure. It still leaves a lot of people - *10 M households*, in fact - *who we are still to reach*. They are by definition the *most difficult and expensive to cover*, by and large rural and isolated. *Wireless technologies* like satellite can be the most cost-effective in such areas where landline solutions are not an option.

2012

Satellite can help achieving a *complete coverage*, but *take-up* is not yet widespread in the rural areas and is still marginal

End 2013

The EU is technology neutral. But for those in the most isolated areas, unserved by other means, it's easy to see that *satellite is a good option to get connected*; and it's likely to remain so. *Raising awareness* can help this technology reach out and serve more people. Something we've been aware of for some time in the Commission.
Thanks to the extra coverage from satellite broadband, with representation in every EU country, we have *achieved our 2013 target of broadband for all*.

ACHIEVING BROADBAND-INTERNET-FOR-ALL IS A MATTER OF 4 A'S

Availability

private investments

but also penetration, i.e.:

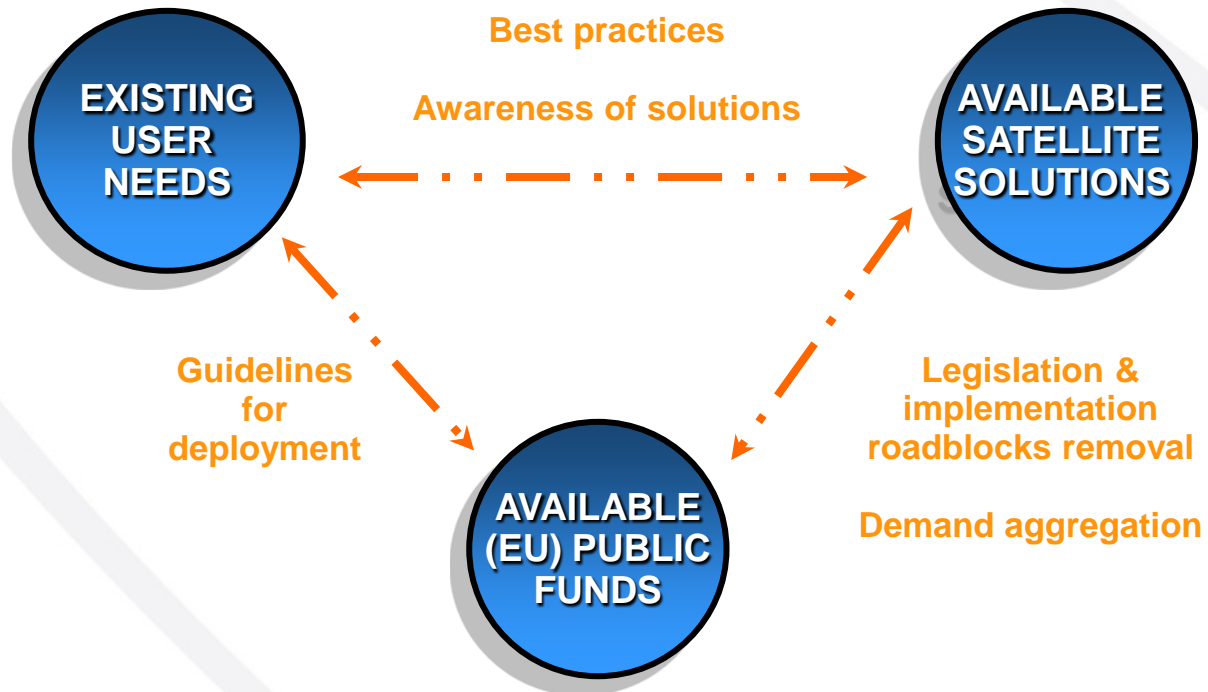
Affordability and **A**ccessibility

user **A**ceptance

public policies, including the use of European (ERDF, EAFRD, ESF) and national funds, can support private investments and initiatives

PUBLIC POLICIES: BUILDING BLOCKS FOR SATELLITES TO BRIDGE REMAINING GAPS IN EU

● Pre-requisites for large scale deployment
■ ■ ■ Missing links



SABER IN A NUTSHELL

22 European regions and the satellite industry (Eutelsat, SES and Astrium) together for a 2-year project with a financial support of the European Commission (0.51 M€)



eTrikala	EL	CNR-IREA Lombardia	IT	Cities on the Internet	PL
Fundecyt	ES	CSI-Piemonte (c)		RCITT	
Astrium	FR	Lepida Emilia		Mira Telecom	RO
Eutelsat		Skylogic		Eta-2u	
Nièvre Numerique		SSSSIR Abruzzo		Acreo	SE
Mid West Regional Authority	IE	Toscana Spazio		RD Horizon	SI
Slí Nua Development		SES Broadband Services	Devon County Council	UK	
South West Regional Authority		Bykle og Hovden Vest	New Economy Manchester		
IT Pro Society Association	HU	Western Norway Research Institute	NO		

OUR CONTRIBUTION: SABER (SATELLITE BROADBAND FOR EUROPEAN REGIONS)

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Objectives (shared with the EC)

- **Raise awareness**
- **Share best practices in the use of public funds**
- **Analyse roadblocks in public procurement and provide solutions**
- **Develop guidelines for deployment of satellite broadband**
- **Disseminate information to regions across Europe**

Strengths

- **Information and recommendations: neutral, practical and derived from field experience - and considered as such by the European Commission**
- **SABER has created a “genuine” network with regional partners and external stakeholders, such as the European Commission (EC), European Space Agency (ESA), European Investment Bank (EIB), Eurisy, the Network of European Regions Using Space (NEREUS)**

REGIONAL BEST PRACTICES: A QUICK, SIMPLE AND DEMAND-SIDE ORIENTED SCHEME, COMPLIANT WITH EU FUNDING RULES



Nos offres

- Offre **WIFI**
- Offre **WIMAX**
- Offre **SAT**
- Offre **FIBRE**




Départements Formulaire Offres Je m'abonne

Le département du Puy-de-Dôme

Votre région s'est engagée dans un réseau d'initiative publique avec France Télécom sur les zones blanches de vos communes. Ce réseau ne nous permet pas de construire des offres de raccordement sur les zones blanches dans un cadre économique acceptable par tous.

En revanche, la région Auvergne subventionne votre kit SATELLITE et son installation à hauteur de 600€ TTC. Nous vous offrons en plus, les frais d'accès au service et l'option wifi (soit 99€ TTC d'économie). Vous bénéficiez donc d'Internet Haut Débit jusqu'à 2 Méga pour moins de 30€ / mois TTC (sous réserve d'inéligibilité aux offres ADSL).



Avec numéo, vous êtes donc 100% raccordable !

Sélectionner votre ville

- Sélectionner votre ville
- 63260 AIGUEPERSE
- 63980 AIX LA FAYETTE
- 63600 AMBERT
- 63340 ANTOINGT
- 63420 ANZAT LE LUGUET
- 63420 APCHAT
- 63250 ARCONSAT
- 63420 ARDES
- 63220 ARLANC
- 63700 ARS LES FAVETS
- 63460 ARTONNE
- 63260 AUBIAT
- 63170 AUBIERE
- 63120 AUBUSSON D AUVERGNE
- 63930 AULGFROI I FS

Your region has engaged in a series of public initiatives with France Telecom to serve white areas. These initiatives do not allow us to interconnect all citizens in an economically viable manner. Therefore, the Auvergne region subsidizes your upfront expenses for a satellite kit and its installation up to of 600€ TTC (subject to ineligibility to ADSL)

17/10: BROADBAND-FOR-ALL EVENT @ EUROPEAN PARLIAMENT



Lambert Van Nistelrooij
Member of European Parliament and EIF



Michel de Rosen
CEO and President, Eutelsat
Chairman, ESOA



Roberto Viola
Deputy DG, EC DG CNECT



Vittorio Vallero
SABER project coordinator



Neelie Kroes
EC Vice-President,
Commissioner to the Digital Agenda



Aarti Holla
Secretary General, ESOA

Following the work done within SABER, Commissioner Kroes launched **broadbandforall.eu**, a service developed by ESOA (European Satellite Operators Association) to enable citizens to check quickly their satellite service providers

SATELLITE BROADBAND (EVEN <30Mbps) STILL ELIGIBLE IN 2014-20

- Digital Agenda keywords: Connectivity and Competitiveness
- “Access to, use and quality of ICT” a priority in EU Structural Funds 2014-20
- Target for 2014-20: 30 Mbps or more for all by 2020
- Funds for satellite broadband (including current terminals and services below 30 Mbps) still needed to bridge digital divide in areas with no / limited penetration of internet access, and/or where rolling out very-high speed is not immediately viable
- DG REGIO on ERDF:



- *“eligibility of satellite broadband is not put in question in the draft regulations adopted by EP (20/11/2013)”*
- 30 Mbps is as a *“common output indicator”* of penetration (i.e. not a hard limit)
- can *“support broadband roll out below 30 Mbps if the predictable path towards target speed by 2020 is confirmed”*
- *“tenders and calls for projects”* should be *“seeking the best/only technological solutions to achieve internet connectivity according to the local context, including through demand stimulation measures”*