

Work Package 1 Co-ordination & Dissemination

Deliverable 2:

Profiles of Regions Streams

Version 1.0

31 December 2012

1. Digital Agenda Targets and SABER three-streams approach

The scope of the "Objective 5.3 Thematic Network" is to create the conditions for the most efficient contribution of satellite systems to achieve 100% EU broadband coverage, target set out by the Digital Agenda for Europe for 2013. In addition, the Digital Agenda turns its ambition to a very fast internet by 2020 by stimulating and facilitating investments.

In order to put Europe on track to meet these targets set out in the Digital Agenda, the SABER partnership has developed an appropriate work programme that seeks to have a positive impact within the timescales outlined.

Therefore one very specific characteristics of the SABER project consists in its organisation in three time spans (streams), each focused on supporting an efficient satellite broadband deployment with respect to a specific objective related to the DAE.

1.1. First stream: Fast Track (DAE 2013 target) - KoM►KoM+6m

Intended for those regions which are in an advanced process to address the inhomogeneous availability of broadband connectivity and to achieve 100% broadband coverage on their territory, and consider for this satellite solution by the end of 2013, a first stream lasting 6 months aims to provide a first yet consistent set of technical and administrative recommendations and guidelines to procure satellite broadband access, and deploy and manage satellite broadband services.

The deliverable containing these recommendations and guidelines will be based on the information already available within SABER partnership on many best practices and experiences implemented in various EU regions (e.g. France, Germany, U.K., Spain) on satellite deployment models. It will be made available 6 months after the start in order for these regions to efficiently use the unspent 2007-2013 fund for broadband - inter alia avoiding the potential risk of automatic de-commitment of funds. In addition, a first workshop will be organised to present and discuss the results with regional and national stakeholders in order to raise awareness.

The SABER project aims to identifying these “early adopting” regions. However the actual deployment of satellite broadband procurement by these regions is outside the scope of the Thematic Network activities.

1.2. Second stream: Main Project Stream (DAE 2013 target) - KoM+6m ►KoM+18m

Intended for those regions wishing to understand and explore the possibilities of using public funds to invest in satellite broadband deployment to achieve 100% EU broadband coverage, the second stream of the SABER project, lasting 12 months after the end of the first stream, will build on the outcomes of the activity performed in the first stream and:

- further expand the analysis of satellite broadband initiatives to other EU experiences (e.g. national, EC and ESA studies, such as BB-MED) as well as the ones in other regions of the world (U.S., Australia, Canada);

- further expand the Identification of satellite offers and technical capabilities, business models, and deployment models with respect to different subsidies scenarios;
- address the use of private and public investments for 100% EU broadband coverage in innovative supporting schemes like demand aggregation at different scales.

Particular emphasis would be placed on identifying and addressing the so called non technological roadblocks which have hampered regional authorities using public funds to implement satellite solutions to address their broadband gaps in their rural and remote communities. The SABER partnership will develop and provide recommended solutions, such as adaptations in calls for tender to better include satellite solutions, as well as tools and methodologies developed by the project to assist regions in the endeavours.

In the framework of this stream, the SABER project will establish a common, information repository to offer access to relevant information to national / regional authorities in need, namely about cost-benefit analysis of broadband access by satellite and organise workshops in order to raise awareness. The information will be further disseminated by other channels like ESOA (the European Satellite Operators Association), ISI (the Integral Satellite Initiative) and ESA (the European Space Agency).

1.3. *Third stream: Evolution towards the future (DAE 2020 target) - KoM+6m*
▶ KoM+24m

Intended for decision-makers wishing to consider and influence the inclusion of satellite options in the technology mix within the Financial Framework proposed by the Commission for the 2014-2020 period, the third stream of the SABER project, lasting 24 months after the end of the first stream, and running for same time in parallel with the second stream, will concentrate on the evolution of satellite solutions to serve developing regional user requirements, and achieve the higher speed targets of the DAE for 2020.

Knowing that currently used technologies can achieve enhanced user performance in the order of 20 Mbps in the next couple of years, the concept of future-proof technology for regions will be confirmed through the ability to provide higher performance, in the order of 30-50 Mbps or higher, within 3-5 years, and the consolidation of the associated R&D roadmap necessary for European manufacturers to work out (with the financial support of the EC and ESA) the development of satellite-enabling technologies.

The centralised approach of the Connecting Europe Facility and the future rules of the Cohesion Policy, still under definition among EU institutions, will be analysed, among others, with respect to the provision of a common approach towards demand aggregation, the large scale deployment of satellite solution and other grant schemes to be implemented at national, regional and local level.

The SABER project will provide recommendations and guidelines to efficiently and effectively include satellite broadband in the technology mix necessary to achieve the DAE 2020 target

2. The SABER three-streams approach: organisation of Work Packages

The SABER three streams approach needs to be reflected in the organisation of Work Packages:

General Management

WP0	Launch of Network General Management	KoM ► KoM+30m
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1st stream: Fast Track (DAE 2013 target)

WP11	Gathering Intelligence & Critical Review	KoM ► KoM+3m
WP12	Develop Guidelines & Recommendations	KoM+3m ► KoM+6m

2nd stream Main Project Stream (DAE 2013 target)

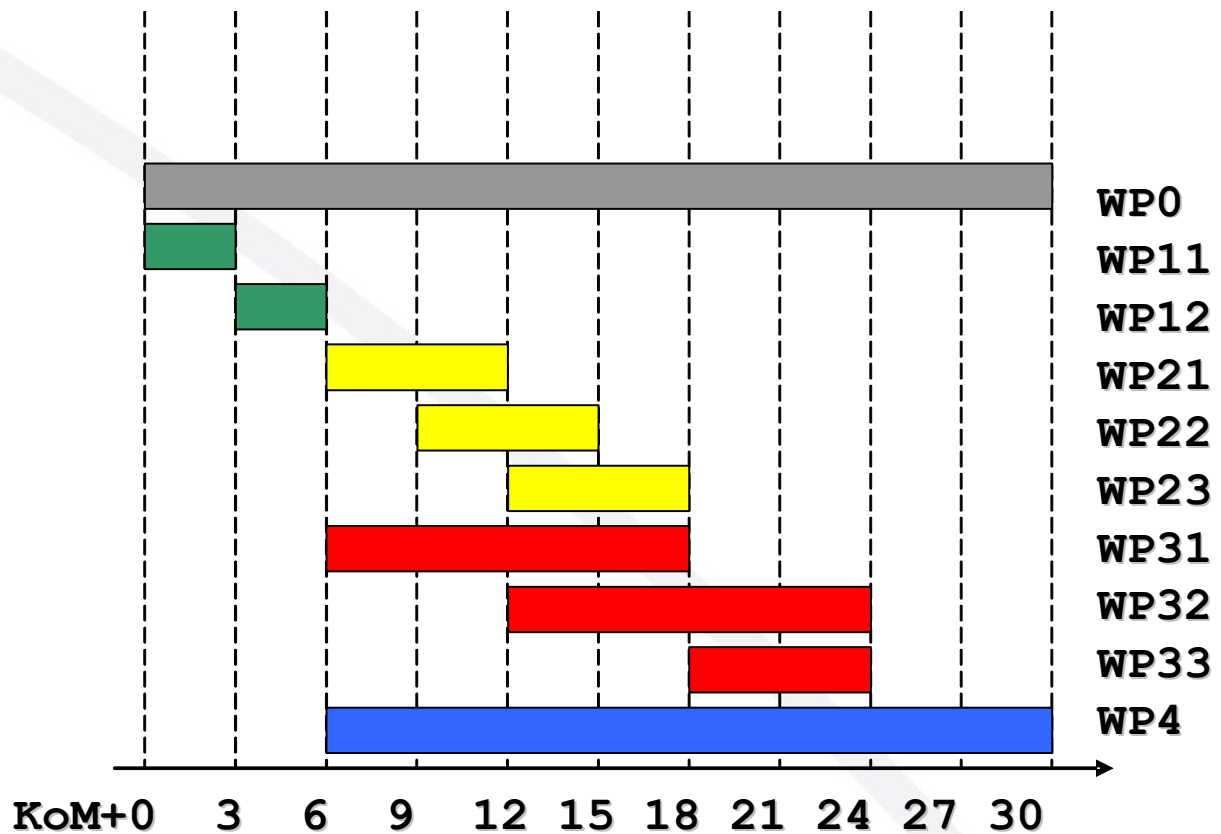
WP21	Gathering Intelligence & Critical Review	KoM+6m ► KoM+12m
WP22	Develop Guidelines & Recommendations	KoM+9m ► KoM+15m
WP23	Validation with External Stakeholders	KoM+12m ► KoM+18m

3rd stream Evolution towards the future (DAE 2020 target)

WP31	Gathering Intelligence & Critical Review	KoM+6m ► KoM+18m
WP32	Develop Guidelines & Recommendations	KoM+12m ► KoM+24m
WP33	Validation with External Stakeholders	KoM+18m ► KoM+27m

Dissemination

WP4	Dissemination of results and outcomes (for all the streams)	KoM+6m ► KoM+30m
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3. Early Stream Regions

As defined above, those regions that are already engaged in, or have short term plans to explore satellite would form the early stream. During the project kick-off meeting the following regions were confirmed as early stream regions:

- Devon, UK
- Agder, NO
- South Transdanubia, HU
- Trikala, EL
- Tuscany, IT
- Piemonte, IT
- Burgundy, FR