

SABER

Satellite Broadband for European Regions

CIP-ICT PSP Call 6

Project overview



Speaker
Vittorio Vallero

To set up a thematic network to:

- Create a long term environment to tackle digital divide through satellite-based services
- Maximize satellite systems contribution to the DAE

Who:

- National and regional authorities, agencies, satellite industry

How:

- Share good practices
- Develop guidelines
- Disseminate information across European regions
- Information repository

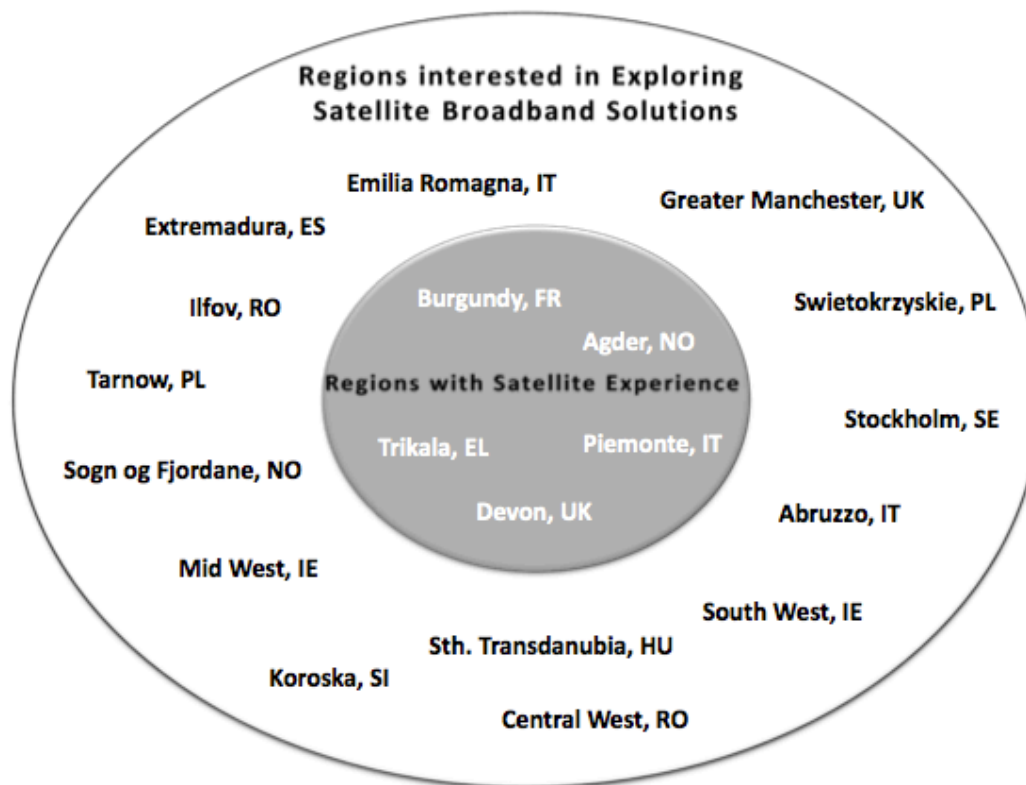
- Communication Plan
- Knowledge Management Platform
- Intelligence gathering
- Knowledge sharing through Workshops and round table
- Tools, methodologies and guidelines
- Continuous dissemination through ESOA, ISI, NEREUS and ESA
- Final Conference

- Critical situation assessment
- Regional requirements
- Satellite solution White Paper
- Future technology roadmap
- Support toolkit and guidelines:
 - Cost benefit analysis
 - State aid
 - Business models
 - Funding options
 - Solutions to non-technological roadblocks
 - Demand aggregation

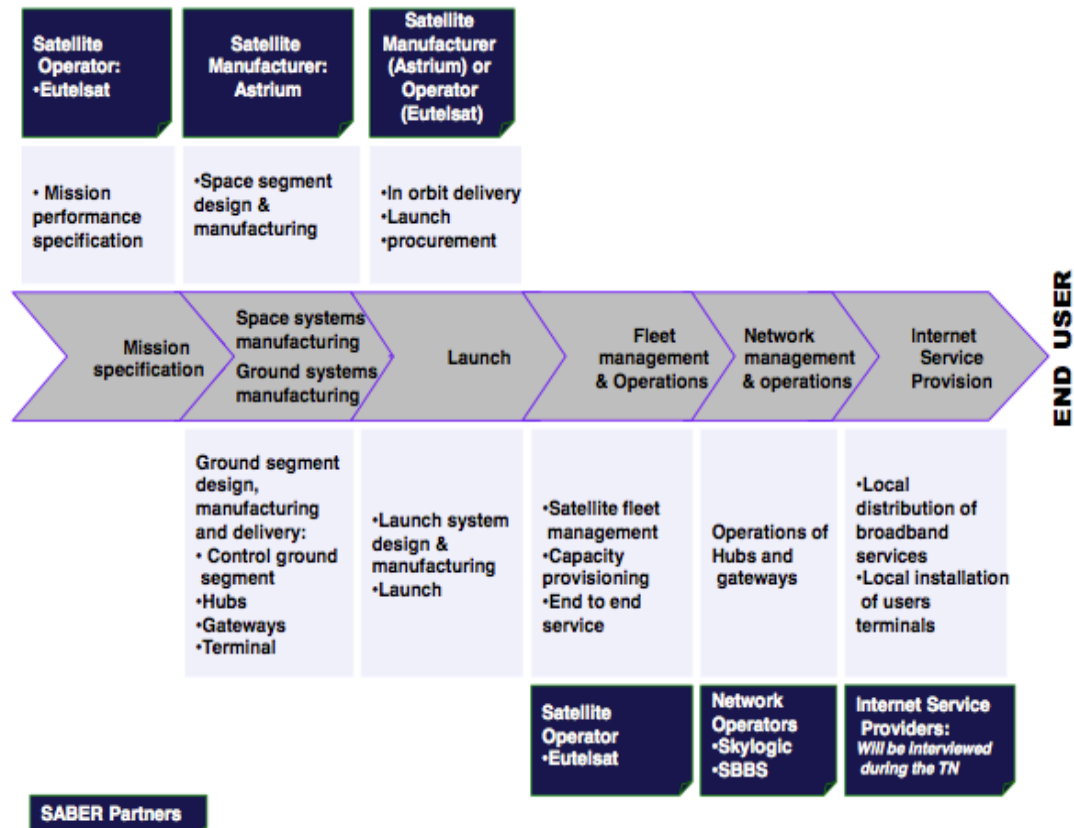
- Wide range of expertise and experience: 26 regional and industry organizations:
 - Regional partners with experience
 - Regional partners with interest
 - Satellite Industry partners with experience
- Triple helix:
 - Regional Organizations
 - Intermediaries
 - Private Sector Companies

Co-coordinator and dissemination: CSI-Piemonte

- Public Administration Consortium founded in 1977 by Piedmont Region, Turin University and Turin Polytechnic
- 96 members (City of Turin, Turin Province, Piedmont Region,)
- ICT Services to regional Public Administration
- About 1200 employees
- Founder of the broadband regional development program WI-PIE together with Piedmont Region
- Satellite network experience (Network for about 200 terminals)
- EU project experience (ex. B3-Regions, ONE, ...)

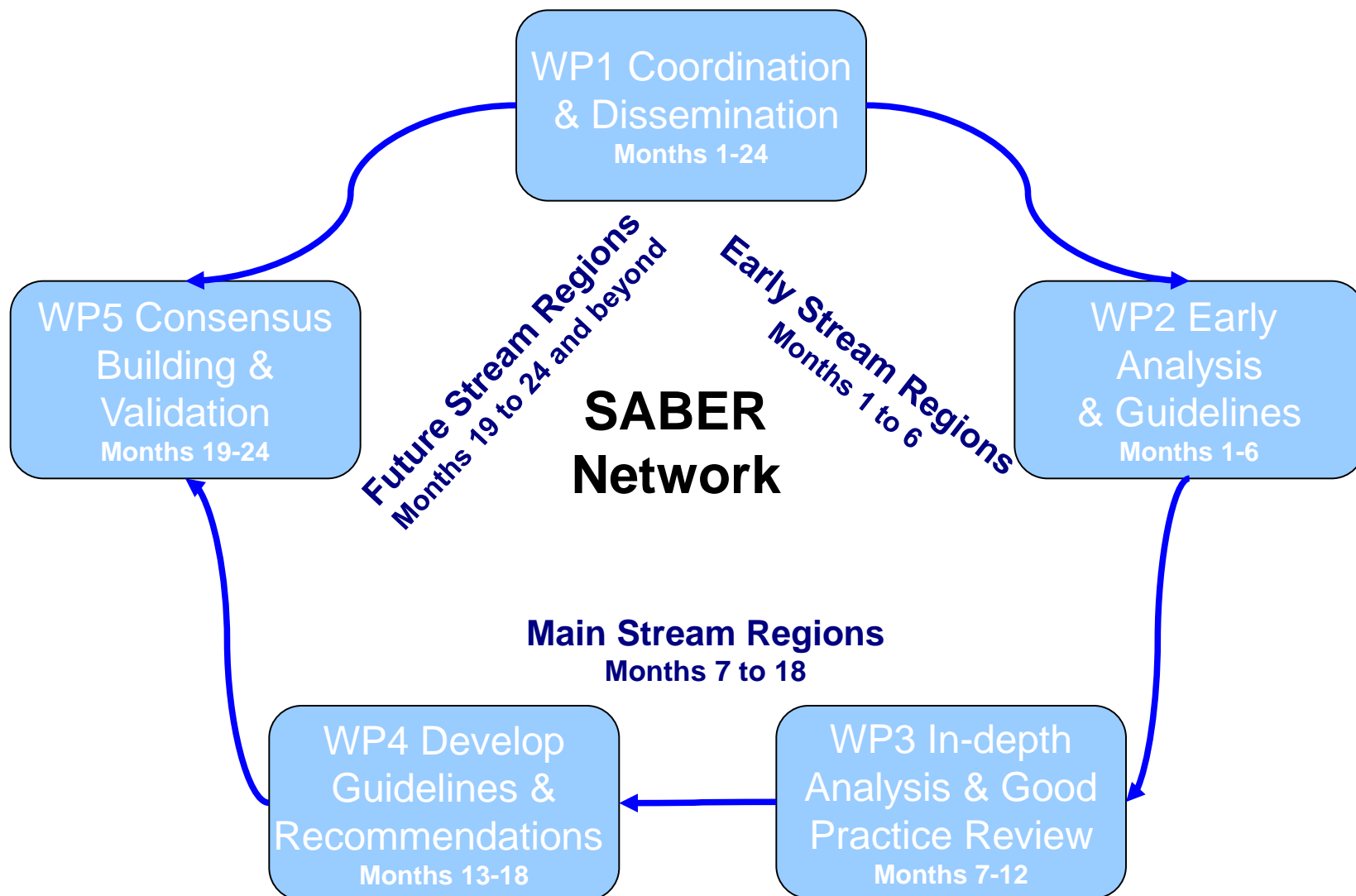


Satellite Industry Value Chain



- Support in intelligence gathering, guidelines and analysis: Eutelsat, Skylogic, Astrium and SES Broadband Services
 - full value chain
- Regional guidelines and toolkits: Slì NUA
- Experience sharing: BHV, Niverlan, eTrikala, Devon CC, ToscanaSpazio & CSI-Piemonte
- Validation and use of guidelines, case studies and toolkits: Fundecyt, Lepida, SIR, WNRI, NEM, Acreo, SWRA, MWRA, COI, RDHOR, MIT, ETA2U, INFOTER and RCITT
- All: active participation to round-tables, workshop and conference

- Early – regions ready to plan in the short term
- Main – support towards DAE 2013 goals
- Future – support towards DAE 2020 goals



- Raise Regions awareness of BB satellite capabilities
- Creation of a sustainable and long term environment:
- Common approach towards satellite solutions deployment

- WP1 – Co-ordination & Dissemination:
 - CSI-Piemonte
- WP2 – Early Analysis & Guidelines:
 - Eutelsat & Skylogic, Astrium, CSI-Piemonte
- WP3 – In-Depth Analysis & good practice review:
 - Eutelsat & Skylogic, Astrium, CSI-Piemonte
- WP4 – Develop Guidelines & recommendations:
 - SIì NUA, Astrium, CSI-Piemonte
- WP5 – Consensus Building and validation:
 - SIì NUA, CSI-Piemonte

- Objectives sharing among members:
 - Kick-off meeting
- Early stream regions live case-studies
- Launch Management platform
- Continuous findings dissemination:
 - Promotion
 - Workshops, round-tables and conference
- Other stakeholders activities embedding:
 - ESOA, ISI, Eurisy, NEREUS and ESA
- Sustainability Plan beyond project lifetime

- Review of national broadband plans and satellite implementations
- Review of past and ongoing partners projects
- Intelligence gathering of policy documents and industry reports
- Review of satellite based offers, capabilities & service models
- Review of techno-economic analysis
- Review of non-technological roadblocks
- Review of demand aggregation schemes
- Preliminary guidelines on satellite deployment preparation
- 2 sets of Expert round table & Workshops

- Critical review and analysis of WP2 case studies
- Research findings validation with stakeholders experts
- Main stream Regions work to explore public funds investments in satellite including demand aggregation schemes
- 2 sets of round table seminars to present good practices and fine tune preliminary guidelines

- Setting up guidelines using results of preliminary analysis, outcomes, round tables and workshops:
 - Technology solutions
 - State aid
 - Business models
 - Deployment models
 - Business case – cost benefit analysis
- Working with Main stream regions to consider satellite solutions
- 2 sets of round tables and Workshops

WP5 – Consensus Building & Validation

- Validate draft toolkit and guidelines with members
- Finalize toolkit and guidelines with stakeholder inputs
- Engage Future stream of Regions
- Consider future satellite technology towards DAE 2020
- Workshop
- Final Conference

SABER Gantt Chart								
	M1-3	M4-6	M7-9	M10-12	M13-15	M16-18	M19-21	M22-24
WORK PACKAGES	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	Qtr 7	Qtr 8
WP1 Coordination & Dissemination								
Network launch (KoM + information repository)	D1.1							
Coordination/Project Management Reporting		D1.4		D1.6		D1.8		D1.11
Dissemination Plan & Reporting	D1.3	D1.5		D1.7		D1.9		D1.12
Profile of region streams	D1.2							
Sustainability Plan for SABER								D1.10
White paper on use of satellite solutions								D1.13
WP2 Early Analysis & Guidelines								
Round Tables & Workshops	D2.1	D2.5						
Early guidelines on satellite service procurement		D2.2						
Regional & National Case Studies		D2.3						
Early report on non-technological roadblocks		D2.4						
WP3 In-depth Analysis & Good Practice Review								
Round Tables & Workshops			D3.1	D3.4				
Critical review of deployment case studies				D3.2				
Final report on non-technological roadblocks				D3.3				
WP4 Develop Guidelines & Recommendations								
Round Tables & Workshops					D4.1	D4.6		
Draft toolkit and guidelines for regional deployment planning						D4.2		
Guidelines & recommendations on satellite procurement, deployment and management						D4.3		
Conclusions & recommendations on future pilot actions & partnerships						D4.4		
Report on future roadmap for satellite technology						D4.5		
WP5 Consensus Building & Validation								
Round Table & Workshop							D5.1	
Final toolkit & guidelines for regional deployment planning								D5.2
Report of likely future technology developments								D5.3
Final Conference								D5.4

