



Ref. FG CHTECH 230310



Strategic Background

Due to the high potential of the GNSS market, more and more national, regional or local actors have decided to launch proactive economic development policy in the field of GNSS.

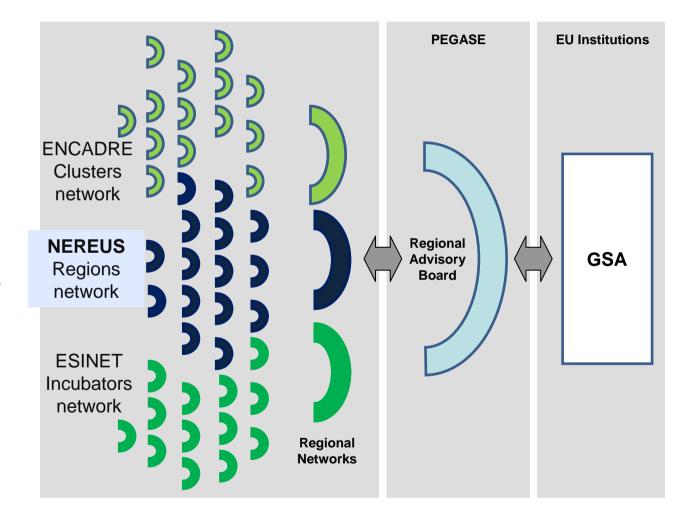




► The implementation of adequate coordination mechanisms and the permanent exchange of information with such initiatives are seen as very necessary by the EU institutions and in particular by the GSA.



This is why PEGASE built partnerships with 3 major Networks seen as the Information Gate Keepers of the various Regional Initiatives.









Three major action lines within PEGASE as regards Regional activities

- Building up of "Guidelines for coordination with / exploitation of regional initiatives"
- Collection of information on existing or emerging National/Regional/Local GNSS-related initiatives
- Implementation of a web portal dedicated to the exchange of Galileo and EGNOS related information with the regions







Building up of "Guidelines for coordination with / exploitation of regional initiatives"

Set up of a Regional Advisory Board : Chaired by the NEREUS President , it consists of 6 representatives from NEREUS, ENCADRE and ESINET

Objectives :

- ✓ How to help the European GNSS Programme better capitalizing on Regional Initiatives?
- How to increase the efficiency of the Regional Initiatives through a better coordination at European Level?





Draft Guidelines being consolidated

Regions :

- ✓ Can efficiently communicate and raise awareness
- ✓ Help create new businesses
- ✓ Can foster the development and maturation of GNSS markets

Europe :

- ✓ Can improve the visibility of Regional initiatives
- Could provide Regions with supporting tools and materials to increase initiatives efficiency and impact
- Could instigate synergy to foster European if not global market development for service providers
- ✓ Could activate a few funding instruments







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Possible recommendations of actions to be implemented - still to be prioritized

- 1. Support the creation of Local observatories, in particular to facilitate partnership (identification of local potential actors)
- 2. Help Regions to raise awareness on GNSS (support to Roadshows, Conferences and exhibitions, provide materials, via social networks, promotion offices)
- 3. Encourage technology transfer (fostering liaison between education, research and industry)
- 4. Support the creation/consistency of demonstration areas and living labs GSA quality Label to relevant Regional initiatives
- 5. Stimulate the GNSS awareness of other industrial Clusters
- 6. Assess Common market needs which could allow to instigate commercial domino effect from one Region to another
- 7. Organize discussions between Regions at procurement level and provision of EU expertise in support
- 8. Support SMEs commercial development
- 9. Instigate the creation of a European Based Equity Funding Instrument

Consolidation of guidelines on 25 march - will be dispatched towards the NEREUS working group for comments



Give a higher visibility to the various Regional initiatives

Collect information on existing or emerging National/Regional/Local GNSS-related initiatives

MAJOR AIM OF THIS TODAY MEETING







Implementation of a web portal dedicated to the exchange of information with the regions

Web Portal Contents

	EU Regions	¹⁸	a province	
keholders Regional Initiatives	SME area Documents	FAQ		
European GNSS			20	N
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- Presentation of stakeholders
- Presentation of GNSSrelated initiatives
- ✓ SME-dedicated area
- ✓ Information on the Galileo programme (documents & links)
- ✓ A FAQ on Galileo and EGNOS







"Stakeholders" Pages

- ✓ Brief description of each region
- ✓ List of GNSSrelated Clusters
- ✓ List of GNSSrelated Incubators
- ✓ Identification of the networks federating the different actors







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"Initiatives" Pages

1	GNSS in the EU I	Regions		Search 🖌	
Stakeholders	Regional Initiatives	SME area Documents FAQ			
Testing and Simulation	Regional Initiatives				
Support to Innovation		gation is evolving fast and numerous initiative: r local actors have decided to launch proactive			
Specialised Investors Fora	regularly. A description of	collected through the PEGASE project, a direct these initiatives is available by clicking the m	ap below. Initiatives have been groupe		
Education programmes		novation, Specialised Investors Fora and Educ	ation Programmes		
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	Donnee	e EU Regions stimulate new	© Specialised Investors Fora Investors Fora help SME developing innovative applications	Education Programmes EU Regions support GNSS-related education programmes	

- Descriptions of initiatives are available:
 - Either through a Google map
 - Or through lists ordered by themes
- ✓ Four main themes are considered
 - Testing & Simulation
 - Support to Innovation
 - Investors Fora
 - Education Programmes





"Initiatives" Pages (ctd.)

GNSS in the EU Regions Search					
takeholders	Regional Initiatives SME area Documents FAQ				
Testing and Simulation	GATE (Galileo Test and Development Environment)				
Support to Innovation					
Specialised ivestors Fora					
Education programmes					
	Overview				
	The German Galileo Test and Development Environment GATE is a local ground-based "miniature navigation system" which provides real Galileo signals already several years before the full operability of the Galileo system in space.				
	In the area of Berchtesgaden (Germany) six transmitters were installed atop mountains enclosing a test area of about 65 km². Through its infrastructure, GATE is able to radiate the original navigation signals from Galileo satellites, to simulate natural influences like ionosphere or troposphere delays, to change characteristic parameters of signals and to adapt the signal strength as required.				
	Intended Use				
	GATE testbed can be used for GNSS testing scenarios focussing on land-based applications, airborne applications as well as to a certain extent for rail and maritime applications.				
	It is dedicated to professionals who would like to perform tests of products and applications before the full operability of Galileo: • Developers of Galileo receivers resp. combined receiver for Galileo/GPS); • Developers of applications for Galileo, e.g. Location Baed Services (LBS), Telematics etc. ; • Professional users of navigation and positioning technologies and services.				
	Planning				
	GATE is fully operational and available since August 2008.				
	Further evolution activities are actually running: GATE is currently undergoing an upgrade and extension phase (GATE-SKZ). Main objective is to provide compatibility of the signals emitted in GATE with the latest Galileo signal specification in accordance with the ESA Galileo Signal-In-Space Interface Control Document (SIS ICD) Version 12 as well as the European GNSS Supervisory Authority (GSA) Public Galileo Open Service ICD.				
	Another important goal of the system upgrade of GATE is the aspired certification of the test bed as officially accredited open-air test infrastructure				

- A summary page describes each initiative:
 - Overview
 - Intended Use
 - Planning
 - Access Conditions
 - Main Actors
- ... and links to the initiative's website when available







- ✓ Development is completed
- ✓ Testing is ongoing
- ✓ Roll-out is foreseen by mid-April
- Content will be enriched and updated regularly until the end of PEGASE
- Any comments from NEREUS members on the content of the web portal will be welcome



