



GS Keynote

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on behalf of Gard Ueland

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**How can European GNSS industry
contribute to the ambitions of EU2020?**

Galileo Launch



Galileo Services Association is delighted about the successful launch of the two first Galileo IOV satellites.

As stressed in a letter to Mr. Antonio Tajani, Vice-President of the European Commission,

“the start of the realization of this wonderful European project marks a new era for Europe and its citizens on one hand and for the downstream segment with GNSS applications and services on the other hand”.

Industry players can now hopefully rely on Galileo actually becoming a reality and make their plans accordingly. It is therefore crucial that EU is following up its intentions and completes a full constellation of 30 satellites according to plan.

Galileo Programme Main Objectives



- Independence/Autonomy with regard to other GNSS
- To get a significant share of the huge and continuously growing worldwide GNSS market

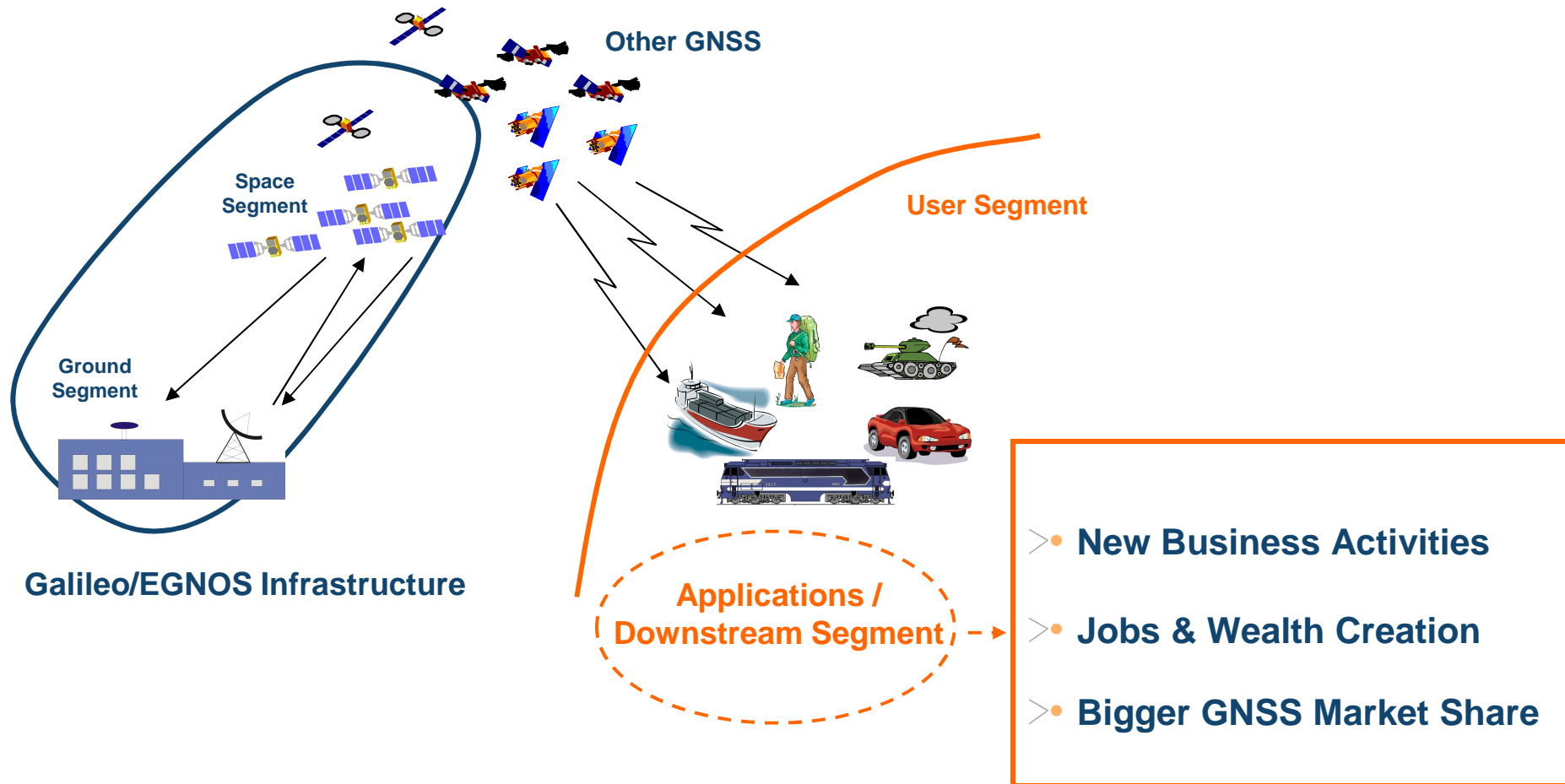
Galileo Full Success (1)



- Galileo Full Success :
 - Use of the Galileo infrastructure
 - ROI in Europe
 - Benefits for Europe's citizens:
 - ➔ Growth
 - ➔ Employment
 - ➔ Enhancing the citizens' wellbeing

- Being part of conditions to ensure the full success of Galileo :
 - Preparation of the Galileo user segment
 - EU GNSS downstream market development

Galileo Full Success (1)



Galileo Full Success (2)



- • Lack of EU public funding before the IOC and FOC prevent:
 - Adequate preparation of the user segment
 - Success of Galileo Programme

“Huge risk of the absence of EU public GNSS applications R&D budget until 2014, whereas it is absolutely essential that European GNSS/Galileo downstream industry is ready when IOC availability will be declared.”
GS Letter to Mr Antonio Tajani, Vice-President of the European Commission



How does Galileo Services operate to contribute to the Galileo Success ?

Galileo Services Overview (1)



- Non-profit Making Association aiming at developing, promoting and maximizing the potential of the GNSS applications' market
- Comprising key GNSS Downstream Industry players
- Representing all elements of the value chain and covering the different application sectors (aviation, maritime, road, rail, telecom...)
- Missions:
 - Voice Industry concerns & expectations toward the institutions
 - Share market experience and knowledge of user needs
 - Support the implementation of the European GNSS Programmes

Galileo Services Overview (2)



> Galileo Members:



indra

ineco

JAVAD



logica



NAVTEQ



THALES

TNO innovation for life

TOMTOM

veripos

Backing on

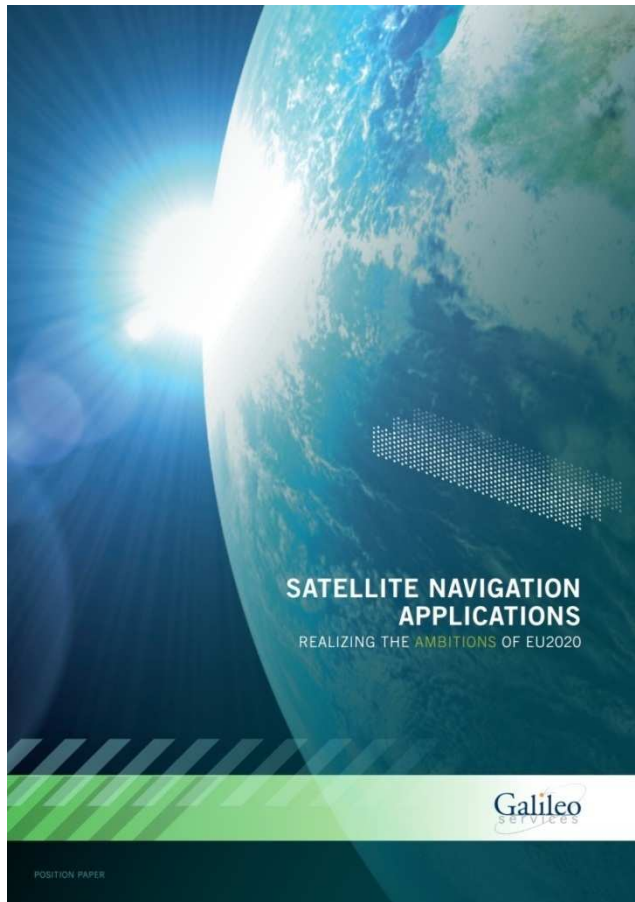


Network (160 Members – 20 countries)

Galileo Services Position Paper (1)



SATELLITE NAVIGATION APPLICATIONS REALIZING THE AMBITIONS OF EU2020



Available at: www.galileo-services.org

1. Challenges & Ambitions for Europe

2. The necessity of EU public funding for GNSS applications R&D

EU public funding is necessary for Europe to reach excellence, be competitive in a global market and expect future commercial and societal benefits

GNSS applications constitute one of the most promising markets for Europe

3. EU public funding level required for maximizing the benefits for Europe

4. The critical GNSS technologies, applications & services

5. Crucial importance of users' involvement in EU projects

6. Horizon 2020 - "Galileo Services" Recommendations

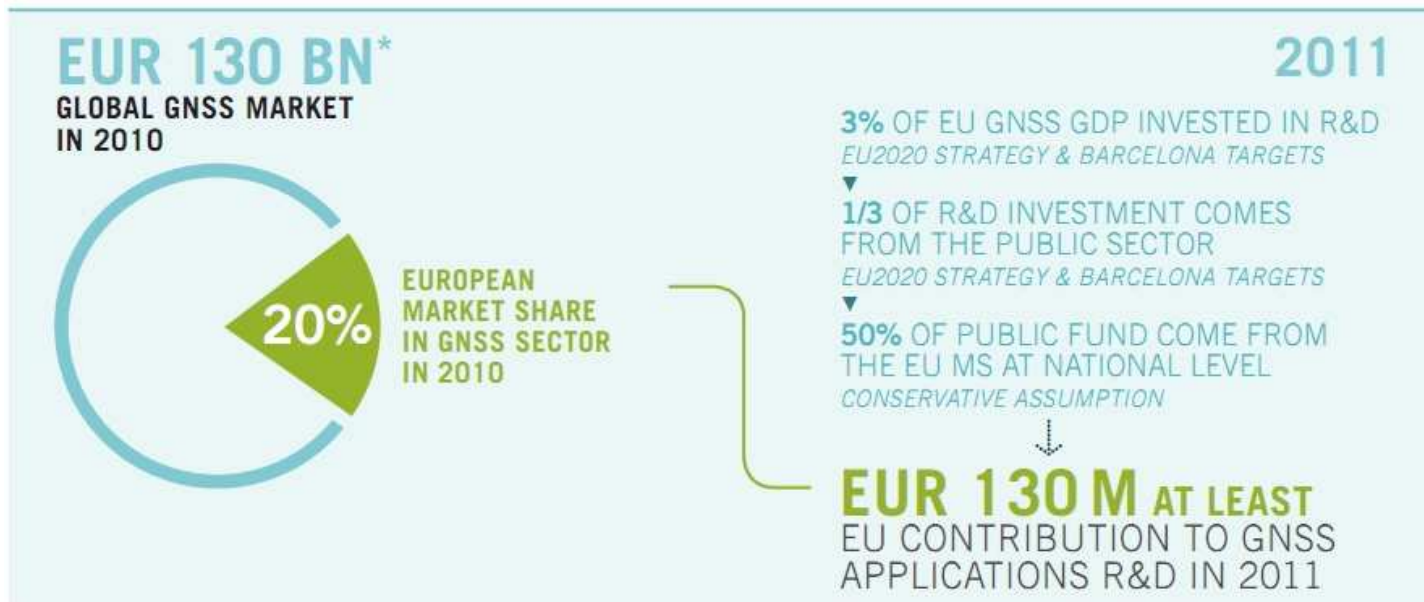
GNSS technologies and services

Enabling Activities to support market penetration and development

Other support activities from European Institutions

R&D Funding – Public Contribution

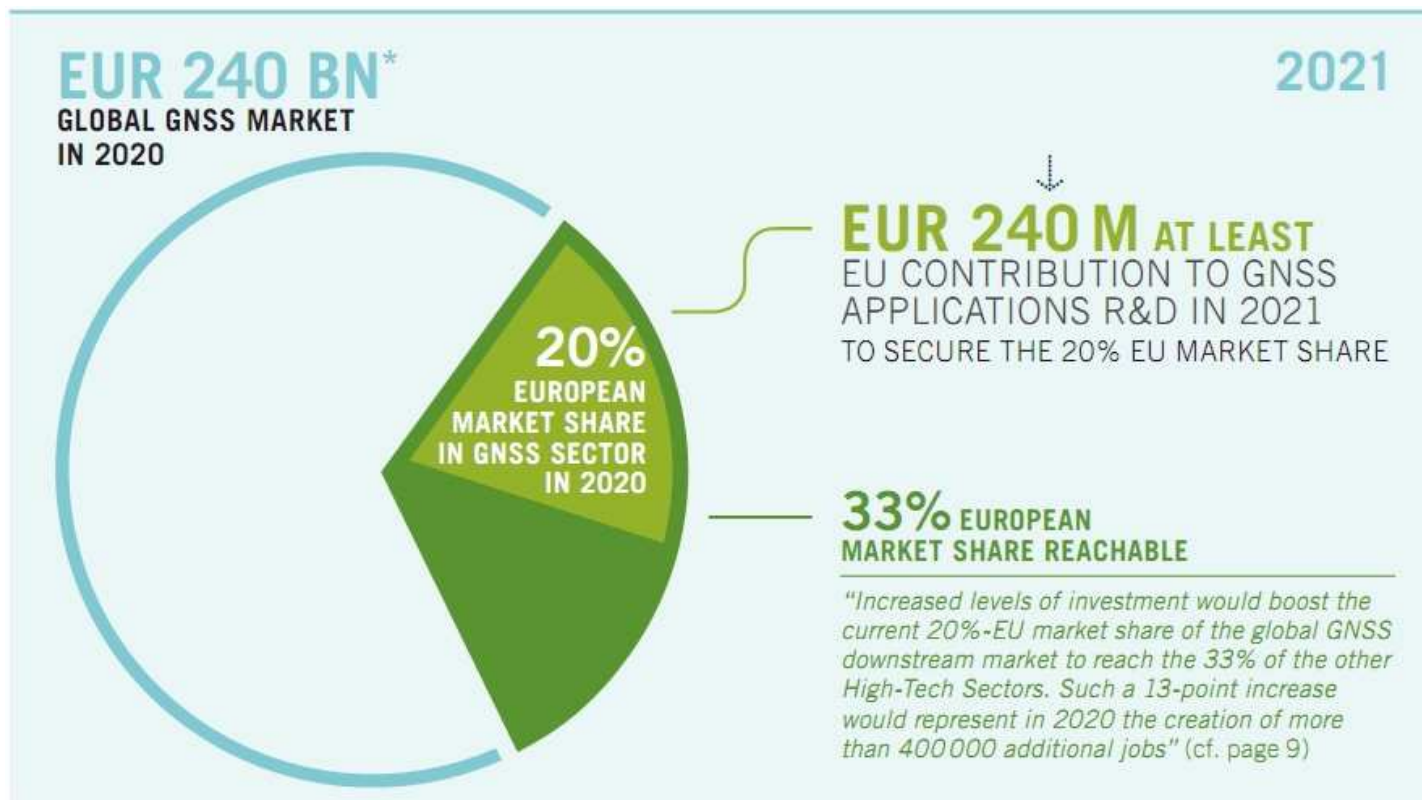
MINIMUM LEVEL OF EU PUBLIC FUND REQUIRED FOR GNSS APPLICATIONS R&D FROM 2011 TO 2021



* GSA estimates

R&D Funding – Public Contribution

MINIMUM LEVEL OF EU PUBLIC FUND REQUIRED FOR GNSS APPLICATIONS R&D FROM 2011 TO 2021



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Galileo Services Position Paper (2)



SATELLITE NAVIGATION APPLICATIONS REALIZING THE AMBITIONS OF EU2020

LINE TO TAKE

To enforce the European Parliament resolution of 7 June 2011 on Transport Applications of Global Navigation Satellite Systems

To foster European knowledge and know-how to reach excellence in the GNSS field

To guarantee the use of Galileo and EGNOS by securing substantial EU public investments now in their applications development

To dramatically and quickly increase the level of EU public funding in GNSS applications R&D to a minimum of EUR 100-200 M per year to optimize EU benefits and not miss the window of opportunity for Europe

To support the European industry in investing and developing critical GNSS technologies, applications and services

GS Day-to-Day

Sample of Galileo Services Activities (1)



- Regular Members' Meetings :
 - To share information
 - To discuss business opportunities
 - To establish strategic industrial alliance
 - To decide on lobby actions, etc.

- GS Members' Key Role Research & Development
 - High investment of Efforts and Resources (several tens M€)
 - GS Members are leading Core Areas of R&D

- Setting-up of Working Groups on key subjects (e.g. Standardization, International Cooperation, IPRs)

Sample of Galileo Services Activities (2)



- Preparation of Position Papers (e.g. on IPRs, R&D contracting rules, etc.) and circulation to Key Decision Makers

- Meetings with
 - Professional and User organisations
 - Key GNSS Industries from Asia, North and Central America or industry organisations

- Organisation of workshops to foster collaborative R&D initiatives among Members and beyond

Regular contacts with Institutions



Privileged relation with key decision makers

- >• At European level
 - European Commission : ENTR, MOVE, RTD, BUDG, INFSO...
 - European Space Agency
 - European GNSS Authority
 - European Parliament : ITRE, BUDG, TRAN Committees & GIP...

- >• At EU MS level
 - European Council
 - FP7 Transport Committee
 - GNSS Programme Committee
 - Key Ministry (Research, Transport, Industry, etc.)
 - National Space Agencies

Conclusion



**GNSS application industry can act :
to take up EU challenges
to reach EU2020 ambitions**

***Since 2002
Galileo Services has been working
everyday for this to happen !!!***



www.galileo-services.org

Thank you for your attention

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and backing on



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