

Framework Programme Research on GNSS: Our experience

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FP7 1st call on Galileo – Info day in Spain

CDTI – 22/Nov/07

Summary

- INECO-TIFSA
- Experience in EC FP
- GNSS expertise
- FP6 GNSS key projects
- Conclusions



A reference in Transport Engineering and Consultancy

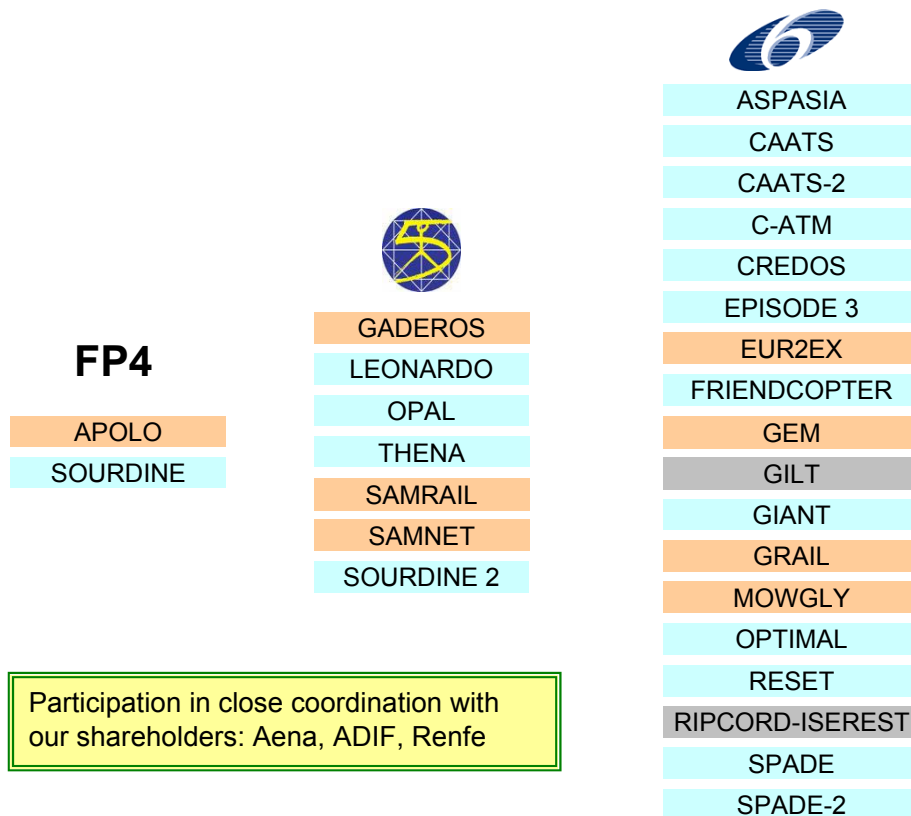


Global Service offer: from Planning to Operation



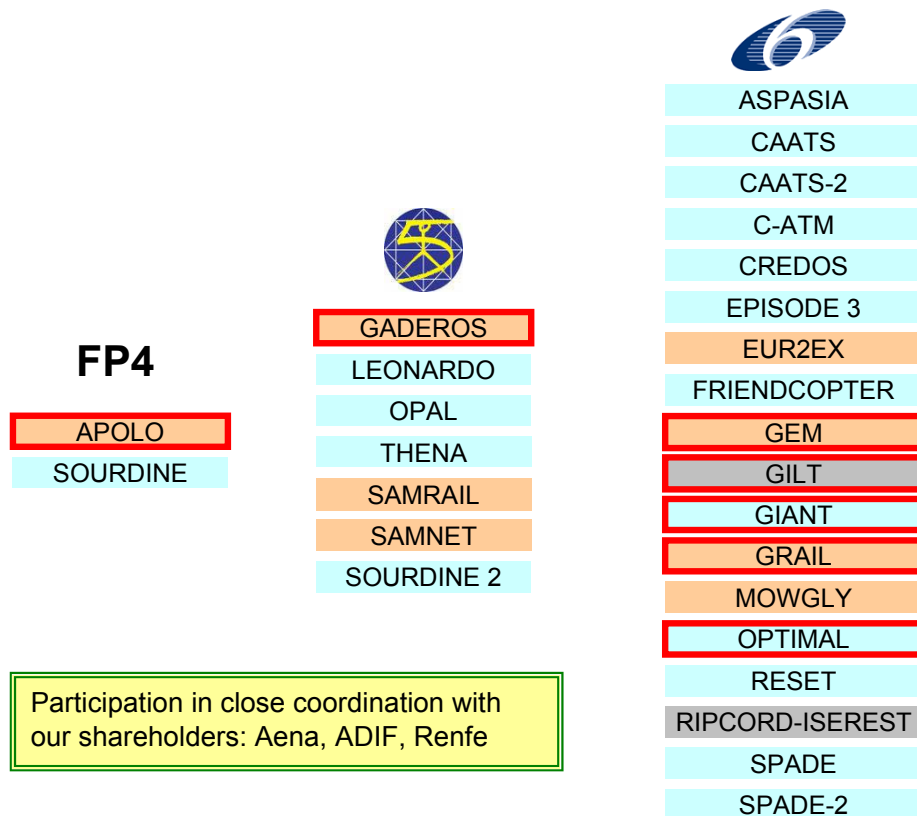
EC Framework Programmes

- INECO-TIFSA participates in EC FP projects since FP4



EC Framework Programmes

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GNSS experience

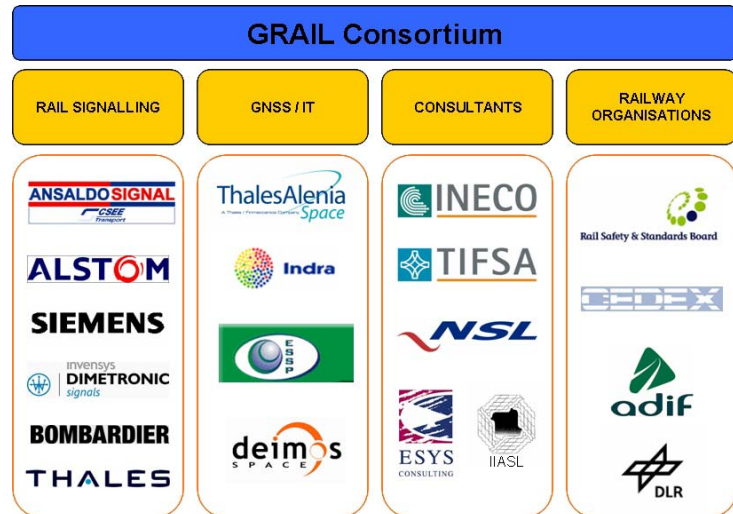


- Technical support to Aena in the research, development, acquisition and implementation of EGNOS and GBAS.
- Design of new GNSS-based navigation procedures, including LPV/APV approaches.
- Development of safety assessments for GNSS applications, in particular for EGNOS or GBAS operations.
- Development of Cost Benefit Analysis and other economic researches for satellite navigation applications.
- Design of GNSS and RNP-RNAV training courses.
- Project Coordination of International GNSS projects
- Key projects: GADEROS, GIANT, GRAIL, OPTIMAL, SACCSA, CELESTE

GRAIL



Support the introduction of GNSS in the rail sector with an emphasis on safety applications (ERTMS/ETCS)



GIANT



Support the introduction of GNSS in the Aviation sector with an emphasis on EGNOS enabled LPV approaches



GIANT CONSORTIUM



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Conclusions

- Downstream applications are the key market for GNSS
- FP7 is a great opportunity for development of applications
- Galileo 1st call supports:
 - Mass Market applications
 - Regulated transport applications
- Galileo FP7 shall follow general FP7 rules
- Support to SMEs, Public bodies and Universities
- Competition is going to be tough but...no one should be “scared” about participating in FP7
- Good luck!