

Technical Expertise Berchtesgadener Land: WFG BGL

INTRODUCTION

Berchtesgadener Land / Initiative Satellite Navigation Berchtesgadener Land:

Through innovative network management by the Economic Development Corporation Berchtesgadener Land, 17 science and business partners from the region of south-eastern Bavaria and Salzburg have been brought together to create synergies and innovative products in the sectors of GNSS and GMES.

The network for innovative navigation solutions is a consortium of innovative small and medium-sized enterprises as well as research institutions, developing together with end-users innovative projects and applications. The offers, products and solutions arising from this mutual work will be jointly disseminated. Since mid 2010 the network is supported by the German Federal Ministry of Economics and Technology.

The network partners complement each other in the fields of positioning, communication and web-technologies, GIS-technologies as well as hard- and software solutions. There is an intense collaboration in research and development as well as project realization. The network provides anything necessary to develop innovative solutions:

- Brainstorming and design
- Project planning and management
- Development, implementation and controlling
- Dissemination of results

Key aspects of the network's activity:

- Developing the expertise of the companies and research institutions in the field of satellite navigation in south-eastern Bavaria and Salzburg
- Joint design of application based GNSS and GMES solutions and products
- Realisation and commercialisation of innovative projects and products
- Marketing the GATE test bed in the Berchtesgaden area - a unique testing and development environment for the European satellite navigation system Galileo

The partners' common goal is to promote and enable chances, competences and potentials of GNSS- and GMES-technologies worldwide in the fields of:

- Safety and Security
- Mobility and Transport Logistics
- Health and Tourism
- Agriculture, Environment and Energy
- GNSS-services (special services and consulting)

The network will increase the opportunities to create new companies by getting ideas for new products from several R&D projects. This will demonstrate the social and economical benefits from the research activities.

The network's offering for ESA BIC entrepreneurs in the Berchtesgadener Land will be in the framework of the Bavarian innovation vouchers, each worth of 15.000 € (thereof 50% funding).

WFG BGL general offering for ESA BIC entrepreneurs in Berchtesgadener Land

The networks' cross-functional core competencies	mark fields of interest
Technical domains	
GNSS and GMES R&D services	
Satellite applications for GNSS and GMES	
Robotics and Mechatronics	
Intelligent transportation systems	
Simulation and analysis in the relevant application domains	
Geographical Information Systems and OGC web technologies	
Steps to realization	
Support to the incubation process, business plan realization, common business administration	
Requirement Specification	
Applied Research and Development	
Prototyping	
Verification, Simulation and Testing	
Product Development and Design	
Deployment and Dissemination	

Table 4: WFG BGL Technical Expertise in Berchtesgadener Land