

**“GEO-INFORMATION FOR JOB CREATION AND ECONOMIC GROWTH”**



Conference block organised by the French Umbrella Association for Geospatial Information

Moderator: François Salgé  
AFIGÉO Executive committee member ,  
EUROGI Vice President Paris

Rapporteur: (To be defined)

11h00: Introduction by the moderator

11h05 Keynote: Geo-Information and Job Creation and economic growth: and economy perspective  
Jean-Marc Daniel,  
Economist  
Associated Professor at ESCP Europe

11h25 Panel Discussion with regard to job creation and economic growth **What is the GI impact?**

Jean-Marc Daniel	Economist
Nicolas Lemcke Horst	Danish Digitation Agency
Pascal Berteaud	Director General IGN-France
Prof. Dr. Gerd Buziek,	Director Communications & Public Affairs at Esri
(To be defined)	Germany Group,
Prof. Lars Bernard	médias
	Co-Chair of AGILE

12h25 Conclusions

#### Topics for the pannel discussion:

with regard to job creation and economic growth and geoinformation/Géotechnologies (GI/GT),

- a. in which form GI/GT can contribute to job creation and economic growth (geo-services to people and professionals, public services improvement, better adequation of the job offer to the demand, better efficiency of enterprises or governments, better organisation of territories inside and between territories, mass-market requirements fulfilment),
- b. how could we better measure the impact of GI/GT on job creation and economic growth (changing NACE (nomenclature des activités européennes) to better reflect the GI/GT economic stream, develop a research programme to solve the issue, ...)
- c. which political wave to surf on to better implement the usage of GI/GT for job creation and economic growth (open data, e-government, H2020, EULF-INSPIRE+, ...)
- d. what should be the role of governments (Europe, national, local) in supporting the use of GI/GT to support job creation and economical growth (more free of charge reference data, support SDI developments at local, national and European level, help to generate tomorrow's jobs, supporting, accompanying and partnering with the industry to develop services based on SDI, encouraging the private players to develop commercial services over and above SDI e.g. services providing personalised access to the data and cross-processing)
- e. how far automation, robotisation, 3D impression based on GI/GT will effectively contribute to job creation and economical growth...

#### Draft session resolution

Considering the role GI/GT can play regarding job creation and economical growth, the conference argues the following:

- It is paramount that the Europe Union and the member states consistently and constantly master the authoritative GI that depict their territory (physically, economically, socially). This implies to sustain the real production of INSPIRE compliant pan-European harmonised core data. This also implies to increase the synergies between all level of governments (local, national and European) to jointly contribute to these infrastructures.
- The implementation of infrastructures such as Galileo, Copernicus and INSPIRE must be sustainably funded
- Beyond INSPIRE, it is necessary that its principles (e.g. subsidiarity, interoperability) are implemented in all economic and governmental domains.
- Joint investment must be secured at all level of governments (local, national and European) so that interoperable and authoritative GI is fully upstream funded and therefore made available free of charge.
- When full upstream funding is not secured, authoritative GI producers should be enabled to invest in developing GI based services in partnership with the industry, selling services including data.
- European funded projects of any kind shall include a statement regarding the interoperable nature of the GI that has been assembled in the course of the project, and about the open-data nature of this GI re appropriate.
- European statistic system should be adapted to improve the knowledge of the impact of GI/GT on job creation, economical growth and productivity.

CVs:

Prof. Lars Bernard

In 2007 Lars Bernard became an Associate Professor of GIS at the Technische Universität. He holds a Ph.D. in Geoinformatics from the University of Münster (2001) and a Diploma in Geography (1995). From 1992 to 2001 he worked as researcher at the Institute for Geoinformatics at the University of Münster. In 2001 he became an assistant Professor in Geoinformatics and in 2003 he stood in for a full professorship in Geoinformatics. End of 2003 he moved to the Joint Research Centre (Italy) to participate in the development of guidelines for the Infrastructure for Spatial Information in Europe (INSPIRE). His research and teaching activities focus on design, development and application of component based GIS and component based spatio-temporal simulation systems as well as their linkage and the realization of Spatial Data Infrastructures. He serves several scientific committees as well as steering boards and expert groups. Lars Bernard has been invited for a number of national and international keynotes and served as chair and co-chair and in several program committees of national and international GI conferences and workshops.

Pascal Berteaud

Pascal Berteaud is the Director General of the National Institute of geographic and forest information (IGN). He is graduate of Ecole Polytechnique and Ecole nationale des ponts et chaussées, Pascal Berteaud was successively head of urban planning in Reunion (1989-1993), Director of Foresight and projects at the water Agency Loire-Brittany (1993-1995), Technical Advisor to the Minister of overseas (1995-1997), director of public service at BRGM (1997-2001), water director at the Ministry of Ecology and Sustainable Development (2002-2008), CEO of EPAMARNE and EPAFRANCE (2008-2010). Since November 2010, Pascal Berteaud was Deputy Chief of Staff of the Minister of Ecology, Sustainable Development, Transport and Housing.

Prof. Dr. Gerd Buziek, Director Communications & Public Affairs at Esri Germany Group, Lecturer at the Institute of Cartography and Geoinformatics at the Leibniz University Hannover, Vice President DDGI

Jean-Marc Daniel

Jean-Marc Daniel is a professor of economics at ESCP Europe. He is a graduate of the Ecole Polytechnique and ENSAE (the National School of Statistics). He began his career as an administrator at INSEE (the National Institute of Statistics). His career has alternated between positions in the administration (regional management of the INSEE in Lyon, Budget Office, Social Security Office, Ministry of Foreign Affairs), in Ministerial cabinet functions (Ministry of Culture and Ministry of Foreign Affairs) and as an economist and teacher (lecturer at OFCE, lecturer at ESCP Europe, the Ecole des Mines, Ecole Polytechnique in Paris and at the ENSAE). Jean-Marc Daniel focuses his research on economic policy issues, primarily in their theoretical and historical dimensions.

Nicolas Lemcke Horst

Nicolas holds a master in Geoinformation Technology & Management. He has worked in The Danish Geodata Agency within the Ministry of Environment from 2010 until 2012. Here he worked with strategic development of the Danish spatial data infrastructure through public-private partnerships. At present Nicolas works with benefit realisation, stakeholder engagement and public business development with a growth and efficiency perspective. Nicolas holds the title as the ambassador of the Danish Basic Data Programme. Website: [www.digst.dk](http://www.digst.dk)

François Salgé

François Salgé is a well-known figure in Geographic Information. He started his career in the remote sensing area within the SPOT programme. During his years at the Institut Géographique National (IGN), the French national mapping agency, he led the development of the French GI reference data and contributed to shifting IGN from a map maker to an information provider. He was MEGRIN's first Executive Director and President of the GI Technical Committee of the European standards

organisation, CEN. He was Secretary General of CNIG, France's National Council for Geographic Information. Mr. Salgé was then a key player in INSPIRE and other GI related initiative of the European commission. He is at present advisor to the director general of the General Planning, Housing and Nature Directorate in the Ministry of Ecology, Sustainable Development, Transports and Housing (MEDDTL) of France. He is an active member of AFIGÉO, facilitator of the INSPIRE thematic working group on land use and vice president of EUROGI. Mr Salgé has been the author of several articles and contributed to several books. He has also been involved in research programmes both at French and European levels as well as in International associations.



2<sup>nd</sup> EUROGI imaGIne Conference 2014  
GI - Expertise Made in Europe  
8 & 9 October 2014 in Berlin, Germany  
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