

Giorgio Borgonovo

Business Transformation Engineer

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I help companies to design, develop and promote the use of processes and tools that foster collaboration, knowledge sharing, innovation and creativity with a strategic approach aimed at involving human resources in change processes.

Skills

Management and Communication

- Business coaching and strategic planning
- Public speaking, Training and Mentoring
- Team leading and supplier management
- Project Management
- Reporting
- Commissioning
- Full professional proficiency English and Italian Mother tongue

Technical

- Software and web development
- Networks and systems architecture and infrastructure
- Cloud Integration (system, storage, db, office integration with SharePoint, SQL, Google)
- Functional analysis and feasibility studies

Recent Professional Experiences

Business and Knowledge Architect

2015 - present

Global Studio TCA, Milan, IT

Consulting, Strategy

Using easy methods, such as Business Model Canvas, LEGO Serious Play and other visual tools, I help companies to design their innovation based strategy.

- Business coaching, vision and business model creation
- Knowledge management projects
- Brainstorming with visual thinking tools, mind maps, canvas, LEGO Serious Play
- Lectures about Digital Transformation for Innovations Schools

Innovation Program Manager

2009 - 2014

Golder Associates (Global)

Area: Knowledge Management

Referral: VP Business & Tech.

Devel.

I led a collaboration and knowledge sharing program to drive innovation and align strategy and culture.

- **Knowledge Base.** I proposed and developed Golderpedia to collect and capitalize knowledge and experience, lessons learnt, etc. It became the company's knowledge repository, used daily by hundreds of people. The project was implemented shortly after with GolderMedia, an enterprise mediaserver for video sharing (like YouTube), audio (podcast), presentations (Powerpoint and pdf) and images. In 2014 Golderpedia won the **MARCOM Gold Award** as the best enterprise knowledge repository.

- **Enterprise Social Network.** I proposed to use an Enterprise Social Network to improve connection between people, particularly inside Technical Communities. We developed a trial, based on IBM Connections, for a Technical Community and reused the outcome to create guidelines to implement Web 2.0 tools on full scale.
- **Enterprise Documents Search Engine.** I initially proposed to set up a search engine server by Google to index and find documents in the Italian offices. Then I joined the global team to choose the right solution to index documents on the global intranet.

Information Management Team Member

2007 - 2008

Golder Associates (Europe)

Area: IT, DB e IM

Referral: European Managing Director

I joined the European Information Management team as consultant for global projects such as:

- **CRM.** I contributed to the definition of the requirements for customer development systems using Microsoft Dynamics, the system goal was to improve the quality of the customer service and the coordination between offices and sales teams.
- **Reporting System** My team created the European strategic dashboard (Apache, PHP, MySQL) for quarterly reports (Balanced Scorecard, tableau de board, P & L), allowing a real time monitoring of the economic and strategic results.
- **Project and Proposal Workspaces.** We released a cloud based document management system (based on MS Sharepoint) to improve data security and real time sharing.

Information Management Team Leader

2007 - 2008

Golder Associates (Italy)

Area: IT, DB e IM

Referral: Italian Managing Director

We created several tools, software and databases to integrate and optimise internal business processes and systems.

- **Livingstone Database** My team developed a tool to manage, analyse and integrate data from chemical labs (soil, air, water) and geotechnical tests (Oil& Gas, Brownfields, Mining e Real Estate); it simplified the report creation reducing transcript errors and allowed data reuse.
- **Business Management Systems.** My team developed tools for employee management, jobs tracking, business development, chain of custody (for sample management quality and data recording) and task planning. They improved processes, in term of simplification, speed and quality assurance.
- **Automatic Reporting.** We created tools for automatic creation of reports using MS Word, tables and GIS, making the process more fast and error free.

Geotechnical and IT Experiences

Senior Project Manager

2002 – 2007

Golder Associates (Italy)

Area: Geotechnical Engineering

I was Project Manager for several geotechnical projects such as:

- **20th Winter Olympic Games Turin 2006** (Piemonte, Italy): Geological , geotechnical and environmental assessment for the design of programmed snow production and construction design of the Free Style ski run.
- **Construction Design of Lining Rehabilitation** (Autocamionale della Cisa, Parma, Italy): 3D Analysis for the simulation of demolition and reconstruction of damaged tunnel lining of A15 Highway Tunnel (Valico); Construction Design of Lining Rehabilitation
- **Real Time Monitoring System** (San Ruffillo, Bologna, Italy). Design and management of real time monitoring system of the railway tracks during excavation of underground twin tunnels for high speed velocity trains.
- **Underground Parking Design**. Geotechnical finite elements analysis for underground parking construction and nearby buildings.

Senior Engineer

2001 - 2002

Geotecna Progetti, Milan

Area: Geotechnical Engineering

Numerical analysis with finite element method (HKS Abaqus software and FEARSM of the Department of Structural Engineering of the Politecnico di Milano) for applications on slope stability, dams and tunnels. Management, administration and optimization of the information system.

Office Manager

1999

RTC (Indesit Group), Milan

Area: IT

Manager for a computer maintenance service centre in Lombardy. I made the centre compliance to the ISO 9001 standard.

System Administrator

1998

EDP Maint & Market, Monza

Area: IT

Network and Server Manager at Data Centre for Cariplo bank. I created laboratory manual for the on-site and lab problems solution.

Education

1997 **Master's Degree** in Engineering, Politecnico di Milano, Italy.

2007, 2011 Project Management

2010 Strategic planning

2013 Digital Marketing

2014 Business Model Canvas e Value Proposition Canvas.

2016 Certified facilitator of LEGO® SERIOUS PLAY® method and materials

Other Information

Professional Affiliation, Order of Engineers of Milan, n. 20295, 1998

Papers and Lectures

- P. Jarre, G. Borgonovo. *Innovazione, gestione della conoscenza e strategie di sviluppo dell'impresa professionale. Prime note ed osservazioni*. GEAM (2015), n.146
- P. Jarre, G. Borgonovo. *Canvas per il Business Development: dal Business Model al Business Development Canvas for Professional Firms*. GEAM (2016), n.147
- P. Jarre, G. Borgonovo. *La gestione della conoscenza tecnica negli studi professionali*. IngegneriTorino (2016), n.1
- Cividini A., G. Gioda e G. Borgonovo. *Finite Element Analysis of Geotechnical Rehabilitation Works*. Japan Society of Civil Engineers (2004)
- Gioda G. e G. Borgonovo. *Finite Element Modeling of the Time-Dependent of a Slope Bounding a Hydroelectric Reservoir*. International Journal of Geomechanics - American Society of Civil Engineers (2004), 229.
- Borgonovo G., L. Locatelli, M. Perolo, E. Ramelli e V. Marchionni. 2005. *Progressing Monitoring of tunnelling under railway embankment. Les tunnels, clé d'une Europe durable - Proceedings of an international conference* Association Française des Travaux en Souterrain, 10 - 12 october. Chambéry, France.
- Locatelli L., G. Borgonovo e G. Gioda. 2005. *A Design Procedure for the Rehabilitation of Tunnel Liners*. IACMAG - the 11th International Conference of IACMAG , 19 - 24 june. Turin, Italy.
- Locatelli L., G. Borgonovo e G. Gioda. 2004. *A Consistent Approach to the Structural Rehabilitation of Tunnel Liners*. TAC (Tunnelling Association Canada) 18th National Conference "Advances in Tunnelling and Trechless Techniques", Sept. 26 - 28. TAC (Tunnelling Association Canada) 18th National Conference "Advances in Tunnelling and Trechless Techniques, Canada.