# Fabien Guizelin

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## Profile

Dynamic and innovative manager bringing products from concept to industrial successes for over 15 years. Lean Six Sigma certified, leveraging expertise to improve operational efficiency ($40M from network gain). Skilled in leading cross-functional, multisite team of up to 300 HC, I realized major organizational changes: green/brown-field startup, footprint rationalization, implementation of disruptive technology, ERP-PLM. Gemba believer, I nurture close communication, empowerment and remain technically abreast with the factory processes and industrial equipment.

## Expertise

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|---|---|---|
| **Industrialization (NPI/TRL)** | **LEAN-Six Sigma** | **Innovative Thinking** |
| **Manufacturing Operations** | **People Management** | **Team Engagement** |
| **Change Management** | **P&L Cost Accounting** | **Analytical Skill** |

## Experience

**Head of Manufacturing & Supply Chain** Schlumberger▹Shearwater, Norway | **since Jul.2018**

Establishing a brownfield Manufacturing organization post divesture from Schlumberger

- Coordinated the divestiture of activity, through 8-to-1 downscaling, then post-divestiture growth.
  Define strategic goals, roll-out associated Hoshin plan & KPI; safeguard competencies and engagement.
  Product portfolio rationalization (incl. Make vs Buy analysis). Resource management and capital prioritization.
  *Implemented new business processes and platforms: ERP (QAD), Product Lifecycle Management (Enovia)*
- Ownership of Manufacturing site performance (safety, compliance, quality, cost, delivery, productivity).
  Responsible for financial planning and overall financial performance & efficiency across the organization.
- Lead >100 employees across Manufacturing, Supply Chain, Tech Support, QHSE, Finance, HR and Facility.
  *Low attrition, despite unfavorable business, thanks to coaching, career planning & performance recognition*
- Championed step-change projects to improve On-Time Delivery, Quality and Cost.
  *Reduction of part variance from optimized issuance during Repair: "do more with less" ($250k avoidance)*

**Engineering Program Manager** Schlumberger, Oslo, Norway | **Jul.2014 - Jul.2018**

Development of a cost-efficient, high-tech marine seismic platform: mechanics, electronics, software, data

- Lead multi-discipline, multi-site, 35 HC team: Research, Engineering, Manufacturing in 4 centers in 4 countries
  Complex requirements and risks management; multifaceted stakeholders.
- Product industrialization from Technology Readiness Level maturity 3 ▹ 7: proof of concept to system prototype
  *Design-to-cost optimization: reduced quantity of equipment required to form seismic system ($20M saving)*

**Manufacturing Technology Manager** Schlumberger, Penang, Malaysia | **Mar.2013 - Jul.2014**

Definition of the Advanced Manufacturing roadmap and associated CAPEX & Technology execution

- Managed the Seismic Manufacturing Technology group of 35 engineers across 4 centers in Europe and Asia.
- Definition and execution of the Manufacturing 4.0 roadmap, footprint strategy and value optimization.
- Lead technical projects for new product introduction in Manufacturing (M/TRL 4 to 9), pFMEA, optimization.
  *Concept definition and roll-out of automation lines that improved efficiency 4 folds and quality 10 folds*
- Interim center manager (H1 2014); responsible for balance sheet of $110M revenue, management of 330 HC.

**Product-Line Manager** Schlumberger, Penang, Malaysia | **Oct.2010 - Mar.2013**

Pioneer set-up of new Manufacturing operation in Malaysia: >$40M/year from footprint optimization

- Established & ramped-up a Product-Line: greenfield to $100M yearly revenue of internal & external production High-volume production of technologically-advanced equipment : >500,000 land seismic sensors in 2 years. Responsible for P&L sheet (COGS+CAPEX), on-time delivery, quality and cost both internally and at suppliers.
- Championed step-change process optimization projects (MRL 10): Kaizen, Lean, Continuous Improvement, … *Award-winning Lean project boosting productivity by 80% on our Sensor Unit assembly [VSM, cell layout]*
- Mentoring and competency management to establish strong QHSE, Lean-5S mindset among new population.

**Design for Manufacturing Team Leader** Schlumberger, Oslo, Norway | **Jan.2008 - Oct.2010**

Optimize New Product Introduction through Design-for-Manufacturing and Design-for-Test

- Lead Industrialization of production both internally and at suppliers to achieve quality and takt-time (MRL 4▷9). *Coordinated strategical resourcing-for-cost initiatives: $4M saving across 16 electronic / mechanical parts*
- Completed numerous process improvement projects using various Lean tools (5S, flowchart, VSM, fishbone, 5 whys), Six Sigma tools (DMAIC, Cpk, anova, t-test, DOE, MSA gage R&R) and software (iGrafx, Minitab, SPC XL) *Step-change hydrophone encapsulation design: from 45% reject-rate to 0 reject ($6M yearly cost avoidance)*
- Detailed knowledge and implementation of electronics standards for production and inspection (J-STD, IPC).

**Manufacturing Engineer** Schlumberger, Princeton NJ, USA | **Jul.2003 - Jan.2008**

Technical ownership of product and processes to manufacture nuclear generators for downhole use

- Optimized Man, Method, Machines to increase Yield using Lean-SS
- Close collaboration with Research

**Flight Communication Test Engineer** Transiciel – Airbus, Toulouse, France | **Feb.2002 - Jul.2003**

Responsible for executing test protocols to validate new airplane air – ground communication systems

**Engineer Internship** Schlumberger, Princeton NJ, USA | **Feb.2001 - Oct.2001**

Design of a compact, high-voltage 150kV power supply for a novel rugged electronic x-ray generator

# Education

**Lean Six Sigma Green Belt**, Schlumberger – Motorola 2006

**Master of Science**, Electronics and Communications: École Centrale de Lyon, France 1998 – 2001

Classes Prépa MP*, Reims, France 1996 – 1998

# Language

**French**, native

**English**, fluent, work language for 15 years

# Computer Skills

MS Office ■■■■■ iGrafx & SPC XL ■■■■□

VBA/Macro ■■■■□ PHP/SQL/Bash ■■■■□

# Recognitions

**Principal Engineer**, Schlumberger's technical peer-recognition ladder, top 0.2% technical contributors

Patent Seismic Sensor Cable [PCT/US2016/036299]

Patent Gel and foam seismic streamer [PCT/US2016/066049]

Patent Apparatus and Method for Decoupling a Seismic Sensor [PCT/US/2011/0273957]

Patent Compact Radiation Generator [PCT/US2010/056658]

Lean "Outstanding Enterprise Project" awarded for a step-change efficiency gain in sensor assembly

Silver award 'Performed by Schlumberger' for seamless introduction of new technology to key client

Reservoir Symposium award 'Best R&D collaboration' for cross-department collaborative development