



Philippe Mack

French +++ English +++ Spanish +

"Don't tell me it can't be done!" F. Roosevelt

Specialities & Key features

- High tech start-ups and businesses
- Sales and marketing collaterals for complex products and services
- Design business plans and business canvas for high tech businesses
- Development and executeion of strategy to turn technologies into succesfull business
- Senior expertise in the application of advanced analytics in industrial environment
- Continuous improvement for industrial operations
- Energy efficiency in complex manufacturing processes
- Digital transformation and advanced analytics for industrial operations
- Energy markets understanding
- Lean manufacturing

Experience

Founder, CEO at PEPITe SA, VP Operations & Technology

PEPITe is providing data driven solutions to support process operations improvements (yield, energy, throughput, maintenance) in the industry.

- Define, execute and adapt development strategy
- Develop new services and products offers in the market
- Manage team of software engineers and expert consultants
- Successful submission of several R&D projects at European and national to finance innovation
- Execute financial planning and budgeting
- Negotiate contracts with customers, suppliers and partners
- Manage and execute advanced analytics projects
- Coach new consultants

University of Liège, Research Engineer

- Development of a Monte-Carlo based simulation tool to support decision making in long term planning of electrical transmission system, in partnership with ELIA. Integration of advanced analytics with EMS platform provided by Alstom.
- Support on various projects with Arcelormittal R&D to improve process performance and products quality
- Support on project to integrate machine learning technologies for defects recognition on glass materials with Automation&Robotics.

Academic Education

- **Master of Electromechanical Engineering**
University of Liège

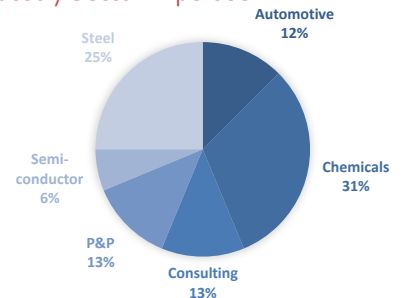
Personal Skills

- Speaker at events and debates
- Entrepreneur
- Team leadership
- Enthusiastic and energetic
- Customer oriented
- Eager to learn
- Visionary leader

Functional Area Expertise

++++	General Management, Intl. Business Dev.		
	Advanced analytics	Energy efficiency	Project management
	Continuous improvement	Problem solving	Entrepreneurship
	Marketing	Customer service	Finance & Accounting
+++	Human Resources	Procurement	Customer Service
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Industry Sector Expertise



Publications

IFAC Conference Valenciennes, 2010

Advanced logic for alarm and event processing: Methods to reduce cognitiveload for control room operators

Revista de Chimie, 2007

Process monitoring using a combination of data driven techniques and model based data validation

IEEE Power-Tech – 2003

A Probabilistic Approach to Power System Network Planning under Uncertainties

IEEE PES Winter Meeting

Artificial intelligence toolbox for planning and operation of power systems

Key clients

Prayon SA, Arcelormittal, Resolute Forest Products, SCA, Borealis, Irving Paper, CMI, RTE-FRANCE