
Global architect of energy systems and business models

Former C-Level executive

Eric MOREL

Mach&Team

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PROFESSIONAL EXPERIENCE

Global architect of energy systems and business models

Since 2010 *Mach&Team* – Founder & CEO (www.machnteam.com/welcome.html)
2009-2010 Freelance management consulting

Creation of *Mach&Team*, company supporting my own activity.

- Main customers: cities and urban councils, utilities and, by extension, products, software and services vendors, public authorities and investors.
- Operational support and consulting services delivered to boards of directors, executives and management teams for strategic planning and projects management.
- I provide my customers with a **global** vision of the energy systems and their expected evolutions, encompassing physical assets (for generation, distribution and consumption), monitoring and control systems, governance and all schemes influencing their operations – energy services, support schemes.... I allow my customers to improve or create the optimal associated business models.

References listed [here](#). Contact me for more details.

- Smart Grid expert to the European Commission and to the French Governmental Bank (CDC)
 - Speaker and author about Smart Energy topics
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2009-2015 **Grenoble Graduate School of Business – Participating teacher**

- Design and teaching of Energy Management, Leadership, Entrepreneurship and Innovation Management courses to MSc and MBA students in triple accredited business schools (AACSB, EQUIS and AMBA)

Strategy and Innovation Senior Executive
Deep investigation of innovation strategy and management
Expertise development in Smart Grids and Energy Efficiency

2002-2004 **Co-founder and member of the Board at Gridwise Alliance (USA) (www.gridwise.org)**

- In 2000 and 2001, **co-management** with IBM, Energyworks and Alstom of a consortium that supplied innovative Smart Grids solutions, first stage before the Gridwise Alliance
- **Co-creation** of the Gridwise Alliance, the **most powerful association** for Smart Grids, with IBM, Battelle, Alstom, SAIC, Rockport Capital, PJM, Sempra Energy Solutions
- Agreement of American authorities for my appointment as a Board member
- Personal contributions focused on drafting the **strategic orientations** of the Alliance

2004-2009 **SCHNEIDER ELECTRIC POWERLINE COMMUNICATIONS AB (SEPC)**
Founder & CEO - Sweden

- **Creation and general management of the company**, a global supplier of BPL networks based solutions that addressed 3 main markets: **Smart Grids** applications for utilities, last mile networks extension for Telcos and LAN networks for residential market.
- **Chairmanship of various standardization initiatives** (IEEE, ETSI, Cenelec, CISPR)
- Deployment of innovative Smart Grids and Telecom projects (Groupe e – Switzerland, Epresa – Spain, EEM – Portugal, Reliance – India)

2003-2004 **SCHNEIDER ELECTRIC – Vice-President Energy Efficiency (Innovative Business Unit)**

- **Creation of the Energy Efficiency Business Unit at Schneider Electric** focused on Smart Grids and Energy Efficiency applications and services. Management and development of various activities for metering and prepayment, network monitoring and control devices, telecom networks, energy quality management, energy services for industry and buildings.
- **Management and development of innovative and fast-growing companies** (<1500p – growth >15%/year)
- **Cross-cultural management.** Teams located in the USA, South Africa, Argentina, Australia, India, Sweden.
- Development and implementation of **strategic plans**.
- Leader of several **acquisitions** (Power Measurement, Abacus, Ileva...)
- Lobbying and high level promotion activity: US Senators and Representatives, French Minister of Industry, Brazilian Minister of Energy, European Commissioner of Energy

2000-2003 **SCHNEIDER ELECTRIC – Vice-President Business Innovation**

- Definition and deployment, for the Schneider Electric group, of the Business Innovation Strategy. Schneider Electric positioned as a pionnier in Energy Efficiency and Smart Grids
- **Expertise** in Smart Grids and Energy Efficiency acquired through numerous projects and pilots launched, assessed and supervised.

- Management of innovative R&D initiatives in the Smart Grids and Energy Efficiency domains and management of a start-ups' network

2004-2008 Co-founder and Chairman at l'Universal Powerline Association

- Co-founder and first chairman of the UPA, one of the 3 leading associations together with CEPCA and Homeplug dedicated to the standardization of BPL technologies.
- Chairmanship of the main standardization initiatives (IEEE 1901 and CISPR)
- Numerous conferences and consulting services to investors

2004-2009 Member of the Board of OPERA (www.ist-opera.org)

- Member of the Board of the Opera European project, aiming at developing the Broadband Powerline (BPL) technologies

2001-2004 Member of the Scientific Steering Committee at IDEA

- IDEA is a consortium between Schneider Electric, EDF and the Polytechnic Institute of Grenoble, aiming at inventing the future of electrical grids. My contribution was: orientation, assessment and supervision of R&D projects.

Since 2002 Member of the Council of Energy Advisers

- **Expert consulting services** about Smart Grids for various customers, primarily financials investors and vendors.

R&D center executive
Investigation of innovation tools and methods

1998-2000 SCHNEIDER ELECTRIC – Managing director of a R&D center

- Creation and management of the R&D center of the « electrical installation systems » department. Direct management of Marketing, R&D, Industrialization, Quality and Project Management Office. About 350 people on different sites.

1996-1998 SCHNEIDER ELECTRIC – Program director

- Management of a major R&D program at Schneider Electric to renew all products, software and services ranges of the switchboards and busbars division (30000 planification lines – total budget: 150M€)
- Implementation of innovation and management tools and methods for complex projects

Industrial manager Investigation of change management

1991-1996 **SCHNEIDER ELECTRIC – Director of operations**

- Management of a main factory (300+ people – Revenue 120M€) and of 30 workshops for local adaptation (15 located outside of Europe) – Department of LV high current devices (Air Circuit breakers and High Current Moulded Case Breakers)
 - Complete reorganisation of the industrial process and layout.
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1990-1991 **MERLIN GERIN – Production manager**

- Management of a workshop and its support services (Industrial process and planification) – 200 people
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1987-1990 **MERLIN GERIN ALPES – Logistic manager**

1986-1987 **MERLIN GERIN ALPES – Industrial project manager**

Professional start

1984-1986 **MINISTRY OF TRANSPORT – WORLD BANK - Economic adviser (Congo)**

1982-1983 **BOUYGUES – Management of a experimental yard**

1981-1982 **BOUYGUES (Building construction) – Sales engineer (internship) – 12 months**

EDUCATION AND DEGREES

2007 Certificate of Coaching and Team Building (Coach and Team) – Transformance (Paris)
2000 Schneider Institute of Management: Profession Manager 2 (Leadership and management)
1991 Schneider Institute of Management: Profession Manager (General management: 8 weeks)
1990 Training center Merlin Gerin : Training for plant managers (8 weeks incl.3 in Japan)
1983 **Civil engineer degree of « Ecole Nationale des Ponts et Chaussées »**
1982-1984 Post Graduate complementary course of Political Economics (Paris VI University)

LANGUAGES

English daily practice in professional environment
German basic understanding in daily life situations
Spanish basic understanding, very good reading

PUBLICATIONS

2011 « **Mieux diriger, cela s'apprend** », Editions Maxima Laurent du Mesnil, book about Leadership.
2010-2013 Creation of the **SmartCitiesbyMach&Team** blog exclusively dedicated to Smart Grids, Energy Efficiency and Renewable Energies, mainly in urban contexts.
2010-2013 Numerous articles published by various newspapers, reviews and blogs