

Patrick DUPIN (BSc, MBA, Ph.D.). Mauritius (Azuri)

Expert in Construction Management Specialized in works scheduling optimization

Experience: 20+ years in Project Management and Operations Improvement of complex operations. Executive Manager and P&L chair in France, Mauritius Belgium, and Luxembourg. Trainer, lecturer, and Guest Speaker for international conferences in Operations Improvement. Author of a reference book in Lean Operations and process optimization. Proven track record in multinational team management.

Education: Ph.D. in Construction Process Management, NTU, Nottingham (UK). MBA, ENPC, Paris (France). B.Sc. in Project Management, Strasbourg (France).

INDEPENDENT CONSULTANT, TRAINER, COAH and AUTHOR

2023 - .

Delivering consultancy services for real estate developers, architects, main contractors, and trade contractors from leaders to site operators: audit, training and site implementation in lean construction management, process and scheduling optimization, project and change management, individual executives coaching. Available across the Indian Ocean, Africa and Europe.

PROJECT MANAGER AT EUROPEAN PARLIAMENT (2-year contract)

2021 - 2023

Appointed as Project Leader (grade Administrator level 09) in charge of implementing lean optimization processes and tools in the internal operations of the European Parliament, and in the construction sites in Brussels, Luxembourg, and Strasbourg. Responsible for the design, writing, teaching, and change management of a lean project management process and referential tool.

Developed managerial and operational tools in the following fields improving efficiency, sustaining resources, improving infrastructure processes, and operational techniques.

Prepared, shared, supported, presented, reported, and defended the operational and financial results of the projects in front of the Executive Board Committee.

FOUNDER / MANAGING DIR. OF A MULTINATIONAL CONSULTANCY 2011- 2021

Creation of Delta Partners Group (France – Luxembourg – Belgium – and Mauritius from 2015 to 2021). Audit, training, consulting, and operational support for construction projects and craftsmen in optimizing their operation flows based on lean management methods and tools. Developed managerial and operational tools : improving efficiency, sustaining resources, improving infrastructure processes, and operational techniques to support the “*construct better, faster, cheaper*” vision of our Clients.

Applied operational excellence approach from the automotive industry to the construction sector. Project Managed residential, commercial, and industrial large construction sites. Created the Lean Construction Group Europe and participated in workshops and conferences on operations improvement.

Delivered construction sites by reducing both time and costs (from 5 to 15+ %), advised to improve operational performance (from 15 to 30+ %), and lead change transformation to lean management.

Steered company growth from scratch to 50+ Employees full-time, sold the company in 2021 to join EP.

INVITE LECTURER AND CONFERENCE GUEST SPEAKER

2011- 2021

Invited as a lecturer in the field of Construction and Project Management and Lean Management by prominent Universities and Engineering Schools: ESTP (Paris), ENPC (Paris), MINES (Paris, Lille), IAE (Paris), ESITC (Paris), ENTPE (Lyon), ENISE (Paris), NTU (UK), ULB (Belgium); KIT (Luxembourg).

Worked with the academic staff and Program Leader to redesign, prepare and assess the module in Construction Management, emphasizing process improvement and value generation. In charge of designing the whole lean construction module with integrated role-play games, simulations, and testimonials from guest speakers. Invited as Guest Speaker in international construction project management conferences.

AUTHOR OF THE REFERENCE BOOK IN LEAN CONSTRUCTION

2011- 2013

Wrote the book "Le Lean Appliqué à la Construction », published by the 1st rank editor Eyrolles (Paris). In a few years, this book has become the reference for the field with more than 150.000 copies sold to date.

EXECUTIVE CHIEF OPERATING OFFICER SOLUDEC (Luxembourg)

2011- 2012

Senior Executive Member of the Management Committee. Recruited to take over the production management and bring a new operational approach oriented to excellence in connection with the 5-year Strategy defined by the group. Practical application of the skills acquired during the MBA, new Operational Excellence methodologies applied, and results of doctoral research in Lean Construction.

Examples of implementation in six months on pilot projects after an audit More & Deltas: reduced unit and overall operation time (-15%), weekly monitoring of production and performance ratios (KPIs), integration with new dashboards for monthly and quarterly management. Development, management, and mentoring "Top-Down" of management operations from the Project Managers Heads Site, focused value creation.

Executive Chief Operating Officer. PROJEXIA International, Paris

2009-2011

Recruited to develop the planning and group activities by the development of its subsidiary, PROJEXIA International. Application of the objectives of the Board in operational practice and application of the Group's vision on site. Implementation of project management procedures and continuous quality improvement to reduce lead times and costs. Prospecting of customers in Europe, administrative and financial monitoring of operations, and implementation of a Project Management Office.

Definition and monitoring of operational and business goals, maintaining a high level of motivation and involvement, crisis management, and implementation of the communication plan.

Successfully recruited and trained 45 Engineers in three years, coming from 15 different countries including overseas. Created teams and expertise clusters, rose company culture to excellence, automatized operations planning, and created an applied research pole. Set operational dashboards and results tracking.

Developed the business in planning and site optimization to provide a new operational consultancy for the company services, increased turnover 280% yearly on average.

BRANCH MANAGER. Currie & Brown, Monaco & Southern France

2006 - 2009

Complete management of luxury villas for renovation operations: inventory, installation technical folder, administrative and financial, stakeholder tender, work monitoring, and delivery. Penetration and market development of Monaco and Riviera : definition and implementation of business strategies, development of local professional networks, alliances, and partnerships. Negotiating consultancy contracts, site preparation, recruitment of employees to support growth, and construction supervision until delivery.

- Penetrated and developed the much-closed market of Monaco and Riviera buildings.
- Recruited locally and forged strategic alliances with major local players (estate agents, architects, control, city councils, administrations ...)
- Initiated, coordinated, and monitored the work with a strong involvement in the art and find the savings inherent to maximize the profitability of operations for the Client.

CONSTRUCTION PROJECT MANAGER

2001 - 2006

Delivered sites on time, improve operational and financial margins, successfully recruited a team to support growth; gained project management fundamentals to envisage more senior roles in France.

- ELCIMAI, Brussels, BOUYGUES-UK (London and France)

EDUCATION:

✓ Ph.D. Project Management, Lean Construction, NTU (UK). Part Time	2021
✓ MBA Ecole Nationale des Ponts et Chaussées, Paris (France)	2006
✓ B.Sc. Construction and Project Management, URS, Strasbourg (France)	2002

Zoom on the LECTURING and TRAINING experiences

LECTURING :

- Invited as a lecturer in the field of construction - project management and lean management by prominent Universities and Engineering Schools: ENPC (Paris), ESTP (Paris), MINES (Paris, Lille), IAE (Paris), ESITC (Paris), ENTPE (Lyon), ENISE (Paris), NTU (UK), ULB (Belgium); KIT (Luxembourg).
- Developed 2 to 10 day training modules for Engineering and Doctoral Degrees comprising of 30% theory, 30% case illustration, 40% games and simulations.
- Organized national conferences on project optimization: 150 attendees in average; 5 years in a row

TRAINING :

- Created a training center for lean and construction management in France, Belgium and Luxembourg that soon earned Afaq, Afnor and Qualiopi Certifications.
- In Mauritius, the training was supported and funded by the MQA.
- Implemented a whole catalogue of trainings and tailor-made training path for both inter and intra sessions. Developed individual coaching for executives and top managers. Trained and advised 350+ companies in 7 years in the full range of the construction players. Built and provided training for the SMEs (from mason to painter trough openings, M&E and trade specialists). Partnered with 25 regional agencies of Federation Française du Batiment in a 3 year national plan. Developed training plans for larger groups at national level and gave trainings at regional level : BOUYGUES, VINCI, EIFFAGE, FAYAT (...). Same for project management trainings for Federation Nationale des Architectes through their training center in Paris (GEPA). Designed and provided project management and leadership trainings for top tier national real estate developers : NEXITY, UNIBAIL-RODAMCO-WESTFIELD, JM BELGIUM...