

# EVE BOURDON

## Environmental Engineer & Project Manager

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### REFERENCES

Phone available upon request

- ❑ Frédéric SILVERT \_ Director \_ MANTA INNOVATION
- ❑ Pascal MOUNIER \_ Director \_ the SEACLEANERS
- ❑ Loïc LETAN \_ Director \_ NEOTEK

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### PROFESSIONAL SUMMARY

Senior Environmental Engineer and Project Manager with **12 years** of experience leading complex, multi-stakeholder technological projects and **4 years experience in marine pollution control and aquatic ecosystem protection**. Successfully managed **up to 3 simultaneous development projects** while establishing **20+ technical partnerships** for UN-recognized environmental initiatives. Proven expertise in AI-integrated marine waste collection systems, collecting waste systems prototype development (**4 prototypes delivered**), and comprehensive sea trials management (**7 campaigns completed**). Known for building dynamic working relationships across all organizational levels and proactive decision-making with risk mitigation.

**Fluent in English (TOEIC 910)** with **demonstrated success in international collaboration**.

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### CORE COMPETENCIES

**Technical Expertise** • Marine depollution & AI-integrated detection technologies • Prototype development & validation (4+ delivered) • Sea trials (7+ campaigns) • Intellectual property law and technical specifications • Scuba diving licence level 1

**Leadership & Collaboration** • Multi-project supervision (up to 3 simultaneous) • Strategic partnerships development (20+ established) • French and international consortium coordination • Dynamic stakeholder engagement across public/private sectors

**Project Management** • Complex cross-functional leadership with analytical decision-making • Multi-stakeholder coordination • Budget management & financial oversight • Planning • Quality process • Risk

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### PROFESSIONAL EXPERIENCE

- Project Manager & Design Team Supervisor

**NEOTEK** | Underwater Data Acquisition Equipment | **2024-2025** (6 months contract)

*Key Achievement: Led instrumented buoys development for **EIFFAGE/EDF** to collect real-time marine data and measure environmental impacts of construction*

- ▶ **Managed** project budgets, vendor relationships, and team workload planning (creation of a dedicated tool)
- ▶ **Coordinated** technical specifications and delivery for major infrastructure clients

## ● Innovation & Operational Projects Manager

**MANTA INNOVATION** | Engineering Consultancy for **THE SEACLEANERS NGO\*** | **2020-2024**

*\*Supporting UN Environment Program recognized NGO (Plastic Treaty Task Force member)*

*Key Achievement: Led end-to-end development of marine waste collection systems for Manta vessel*

- ▶ **Multi-Project Management:** Managed 3 simultaneous development projects.
- ▶ **Strategic Partnerships:** Established 20 technical and material partnership contracts, creating collaborative consortiums with technology providers, research institutions and maritime partners
- ▶ **R&D Innovation:** Spearheaded AI-integrated detection systems for safe, efficient waste collection operations
- ▶ **Prototype Excellence:** Designed 4 prototypes (2 small-scale, 2 full-scale) including advanced nets and inter-hull waste collecting conveyors
- ▶ **Sea Trials Leadership:** Orchestrated 7 comprehensive sea trial campaigns from operational protocol establishment to field data collection, analysis and technical specification delivered
- ▶ **Funding Success:** Secured financing through competitive grants and public programs (Tax Credit Research, Regional funding ~100 k€ per year)
- ▶ **Process Optimization:** Provided budget tracking and global project planning for executive management, developed standardized project processes (2) and team templates (7), promoted best practices
- ▶ **Contribute to communication** and awareness-raising events: Underwater cleanups with the FFESSM and the NSA diver network, land-based cleanups with the scientific center (participatory science with the MerTerre Association), interviews, articles.

## ● Project Management Officer

**MI-GSO / PCUBED** | Management Consulting | **2008-2020**

*Major industrial clients: TOTAL, AIRBUS, STELIA, RENAULT, SAFRAN*

- ▶ Led **cross-functional management** with **multi-stakeholder coordination** of **complex industrial projects** included across **international teams**

*Key Achievement: STELIA, enhancing from a 15 days to 2 months visibility and congratulation from AIRBUS for the first A350-1000 aircraft delivery on time*

- ▶ Conducted **quality validation plan** and **delivered training programs** for contractor teams

*Key Achievement: TOTAL GA19, 250 people trained, 4100 digital controls forms created and 35000 stop-points validated by stakeholders.*

- ▶ Provided **budgetary** and regulatory **monitoring**

*Key Achievement: TOTAL, GA15 Turnaround Shutdown project, 84 M€ and the expenditures of the project matched to my +/- 10% estimation. .*

## ● Production Engineer Apprentice

**L'ORÉAL** | Cosmetics Manufacturing | France & Wales | **2004-2007**

- ▶ **Improve production processes: SMED, KANBAN, 5S, KAIZEN** including 3 months in international facilities with focus on optimization

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## EDUCATION & CERTIFICATIONS

### ● Education

**Master of Engineering** | CESI Engineering School, Paris | **2004-2007**

*Work-study program with L'ORÉAL, specialization in industrial processes*

**Bachelor of Science in Biochemistry** | Technical University, France | **1998-2000**

### **Additional Academic Experience | 2000 and 2005**

- **INRA** (National Institute for Agricultural Research) - R&D Biochemist Internship
- **LCPC** (Central Laboratory for Bridges and Roads) - Studies research about concrete

### ● Professional Certifications | 2024-2025

**UN Learning Planet Institute:** "MOOD for Climate Action" certificate for advanced worldwide climate action strategies.

**CNED Professional Badges:** "Climate and Biodiversity Fundamentals"

### ● Technical Skills

**Language: English:** Fluent (TOEIC 910/990) - Professional working proficiency **French:** Native

**Software:** ERP systems, MS Project, MS Office Suite, Teams, SharePoint

**Project Management:** PMP and Agile methodologies knowledges

**SCUBA Diving Level 1** (desire to pursue Levels 2 & 3)

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## ADDITIONAL QUALIFICATIONS

**Marine Conservation Leadership:** Active in underwater/coastal cleanup with diving federations

**International Mobility:** Extensive travel experience, especially in South Est Asia

**Sports:** Aerial dance, yoga, jogging, windsurf, sailing, rock climbing and mountaining (Mont-Blanc)

**Driving Licenses:** Motorcycle (A) and Vehicle (B)

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## AVAILABILITY

**Immediate Availability** • Willing to relocate for the right opportunity. • Ready for international assignments