



The heart of our group of skills

Meet our experts



Laurent
PERRIER



Laurent has been working for over 28 years in the innovation and design of industrial solutions for the mobility sector. After 10 years spent in R&D for innovative passive safety systems, he went on to become technical director of a French group's battery design and production unit. Over the course of 14 years, he developed numerous projects, including the LMP® "all-solid" battery, electric vehicles (cars and buses 6, 12 and 18m), car-sharing systems, a robotized platform and electric boats (8m).

In 2022, Laurent founded DeVLP to help companies with their E-mobility projects or innovative concepts. He is now in charge of developing a 100% electric foiler boat for sea freight.



Christophe
BARDOT



Christophe has been responsible for automotive electronics and EE development in the field of electric mobility, covering the entire vehicle perimeter. He was responsible for multi-trade coordination of architecture /electronics /electronics /software at vehicle and sub-system level throughout all development phases. He led the Autolib, e-bateaux, E-Mehari and BlueBus projects, as well as the robotization of vital functions, the integration of the AD system and the overall automation of a 6m bus.

With 25 years' experience in the automotive and electric mobility sectors, Christophe founded BardotConsulting, which brings its expertise to the definition of vehicles dedicated to low-carbon mobility.



François-Xavier
TOBO

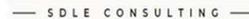


François-Xavier was manager of the Operational Safety and Railway Business Units, then Deputy Director of the Bureau Veritas Aerospace branch. He is involved in numerous E/E/EP system projects, both in carrying out safety studies and as an independent assessor (ISA) of system safety according to recognized standards.

With 25 years of experience in production sites, design offices and certification, in 2016 he founded VE2SMART, specialized in risk management and functional safety of systems in the transportation sector.



Sébastien
SOLARI



Sébastien has worked as an electrical architect, specializing in electrical connection systems for thermal and electric transport, notably in the automotive, HGV, 6m & 12m bus and electric boat sectors, on all phases of project development and global wiring perimeters.

In 2024, based on his 40 years of experience in various wiring-related businesses, whether as an equipment supplier, engineer or manufacturer, he embarked on the creation of SDLE Consulting to support decarbonized mobility projects.



M.E.S.
Mobility Engineering Services



Do you have a project in mind?
We've got the experts
to support you.

Let's work together and innovate
for tomorrow's mobility

Contact us by email :
contact@solution-mes.tech



[www.linkedin.com
/company/solution-mes](https://www.linkedin.com/company/solution-mes)



A Group of skills to support you from A to Z

A common observation

Mobility solutions involve systems of **increasing complexity**, As opposed to functional safety which **advocates simplicity**

The success of a project depends on the Ability **to work together**, communicate, collaborate, and understand each other's jobs, cultures and working methods.

Can we combine **innovation, Performance and functional safety** ?

The added value of M.E.S. within your project :

- **Multi-field experience** in functional safety, E/E/EP* design & Mechatronics
- Close **collaboration** with your teams
- 360° **expertise** thanks to our effective and recognized complementarity
- One of **the keys** to your projects' success, proven by 100% of successfully completed assignments
- An operational **network** of partners and industrial partners

Our group of skills

The 4 entities work as **co-contractors, with a single project manager** in relation with the customer.

The **project manager is the representative of the group.** Each entity is responsible for its own workpackage.

Pooling of resources and know-how by the 4 companies to complete assignments.

Simplified administrative management (NDA, contract, invoicing) for our customers.

The preliminary project

- Feasibility study
- Customer spec. analysis
- Astonishment report

The project

- Design
- Realization
- Validation

Launching of the project

- Conformity evaluation
- Certification support
- Post SOP technical expertise

Solution & visions

We are **creators of relevant and pragmatic solutions**

We **enjoy technical challenges**, and we rise to them together with our customers

We contribute to the **development of new performances** for efficient decarbonization.

We **define** a customer-focused support And provide a tailor-made solution to your technical challenge.

We **believe** in the power of a team to meet challenges.

We **love** innovation and are curious about new technologies.

We **believe** that engineering should be agile, adapting methods and tools to new challenges.

Our areas of expertise

Management of technical development teams

Coordination and project management

E/E/EP system design :

- low-carbon mobility
- robotization and automation

System engineering and functional safety

Assessment of system functional safety

Assistance in **certification**

Technical expertise in serial production