

## Our Motivation

In many companies, the management of project data poses problems of consistency, traceability and speed leading to a lack of overall efficiency of the company.

- In the start-up phase, there seems to be a lack of a systematic approach to project activities structuring. It's like wasting time on low value tasks and late decisions.

- In the design phase, consistency between project processes is a recurring difficulty. There seem to be silos in which everyone walks with their data independently of the others.

- In the closing phase, feedback is problematic because the data structure has evolved between the launch and the closing of the project. The lack of traceability prohibits good capitalization.

- In the event of a dispute, finding the necessary information is always a challenge.

**Can AI save us? How can we improve our productivity and get rid of low value-added tasks?**

## The initiative

SMaP has launched a working group bringing together experts in project management and systems engineering from major French companies.

It is piloted by Samuel Boutin and Gilles Turré, based on an idea by Jérémie Averous.

It brings together project process experts including Pierre Pénicaut, Gilles Nobilet, Éric Vrignault from TotalEnergies, Philippe Lacognata from EdF, Julien Ventroux from Systra, Jean-Charles Savornin from Projectence, Éric Bocher from Alstom, Didier Roger from Orano, Bénédicte Bonomi from Thales.

The group concluded that the first challenge to overcome is that of **data availability, hygiene and understanding**, given the digital discontinuities between actors in the project value chain. He identified key concepts that could fill the current gaps. **These concepts have been implemented** on pilot projects in the fields of space and energy.

## Expected benefits

The first step we converged on with the AI specialists was the need to structure the project information in a more systematic way. Starting from known and intuitive principles (any project task is the application of a process on a product/service perimeter with project resources), we arrived at:

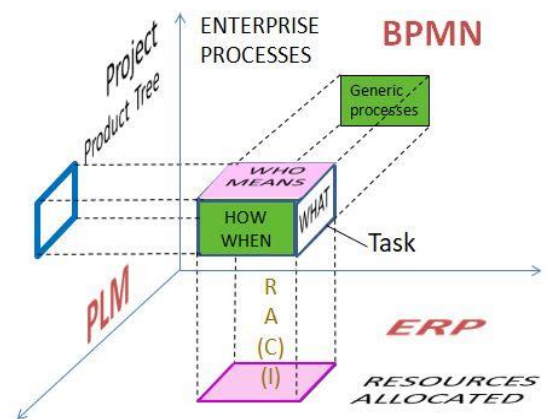
- **Time saving.** We have demonstrated the possibility of drastically reducing project structuring time, whether at start-up or in response to contingencies

- Truly **capitalizable feedback.** The data required for feedback are all traceable and effective modeling can be carried out quickly to enable their use

- A **shift in quality** of the various project processes that breaks with the state of the art.

- **Consistency** between project processes is no longer an effort, silo effects disappear at data level.

All in all, this performance will only be achieved by having a **single place for managing project information**, based on a general project data structure (figure).



## Join us

If you are interested, you can meet us or send us your experts:

- At the ICEC congress in Rotterdam (June 12-15) where we will make a presentation as well as one or more round tables to gather your opinions. The slides and a video will be available online on the congress website (English): <https://icecworldcongress.com/>.

- On the SMaP website the slides will be available (French): <https://www.smap-asso.eu/>