

BILFINGER PETERS ENGINEERING

PROJECT MANAGEMENT OFFICE

NUCLEAR TECHNOLOGIES



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At Bilfinger Peters Engineering, we see your project as a value stream: in our Project Management department, we follow the LEAN project management principles, such that each of our activities has for sole and prior purpose towards delivering projects end result.

Our team has capitalised on more than 15 years of experience, working on various projects carried out in our design offices, and has consolidated the best practices and processes in order to use them at the advantage of your new projects.

Thanks to our expertise, we organise the tasks structure and distribution such that each stage of the project generates added value, thus ensuring the success of your projects in compliance with your costs - times - quality requirements.

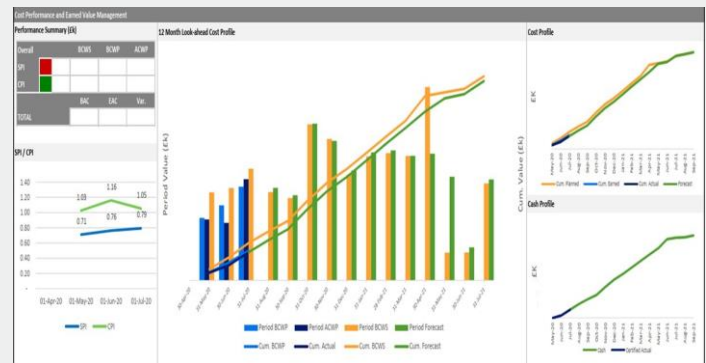
CONTACT INFORMATION

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KNOW-HOW:

- **Project management:**
 - Ensures that the project is on time, on budget on scope, and that HSE&Q objectives are met
 - Defines and implements the project execution plan
 - Conducts project progress reports (percentage of completion, actuals reported, budget, earned value, etc.), and manages the projects closure
 - Provides financial oversight of the project, as well as workload and resource monitoring
 - Ensures the proper management of the execution and delivery of the projects engineering work
- **Interface / Coordination :**
 - Defines and facilitates all engineering activities within the project
 - Anticipates technical obstacles and liaises with all stakeholders to clarify open points
- **Planning**
 - Defines the project breakdown structure (WBS) by deliverables or by project phase
 - Establishes the reference schedule (tasks, sequence, duration and allocated resources)
 - Ensures regular follow-up of the schedule using project dashboards (variance and SPI)
 - Ensures the preparation and follow-up of the project S curves
- **Cost control :**
 - Defines the project cost allocation structure
 - Establishes the project expenditure plan: budget planning and landing cost estimate (forecast)
 - Cost monitoring
 - Earned value management (CPI) – productivity analysis
- **Contract Management**
 - Ensures contract terms are met
 - Optimises the financial and operational performance of the project
 - Manages major projects contracts (NEC 3, Fidic, etc.)



Cost Performance & Earned Value management tracking

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SOME OF OUR REFERENCES:

- Execution studies of piping / supports, and non-standard accessories of the nuclear and conventional island for the construction of a new NPP (EPR)
- Preliminary Design, Detail and Execution studies for all the mechanical equipment of the active galleries for the creation of annexes on existing buildings of a nuclear waste recycling plant
- Layout of the liquid waste treatment plant of a research center
- Layout studies for solid and liquid waste treatment units of a research center, final design phase
- Layout studies for the ultimate emergency diesel (CNPE)
- On-site surveys and layout studies for the French nuclear park maintenance (CNPE)
- Reverse engineering of equipment for dismantling activities of basic nuclear installations
- Equipment support design & calculation, as well as support anchoring calculation for the local crisis center of NPPs
- Piping and support design for the construction of a new NPP (EPR)
- Layout studies, scientific calculations, software administration, project and contract management for the EPRs
- Safety valves calculation and sizing for chemical industrial plants

TECHNICAL ENVIRONMENT

- **Software:** Primavera 6 planning, MS Project, SAP, Power BI
- **Methods:** Earned Value Management, resource levelling, critical chain method

TECHNOLOGIES

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