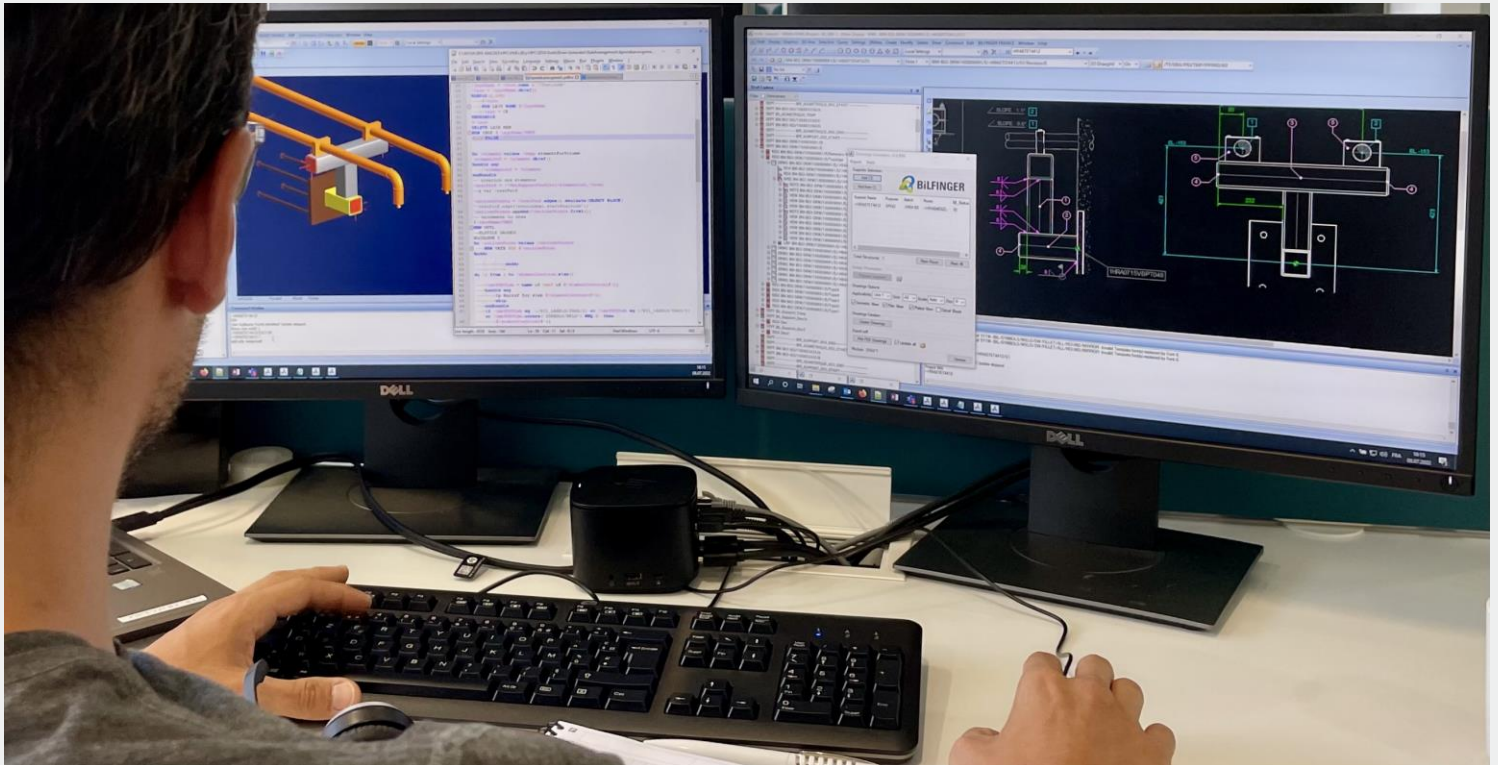


METHODS

NUCLEAR TECHNOLOGIES



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Within our Methods department, we develop and deploy for our customers tools and processes, aiming at the continuous improvement of their work procedures, in order to optimise their productivity while ensuring an optimal quality.

Our team, consisting of highly qualified engineers and technicians, carries out the design studies of a complete installation in compliance with the rules of the art and regulations, taking into account the construction and maintenance constraints from the first phases of the project.

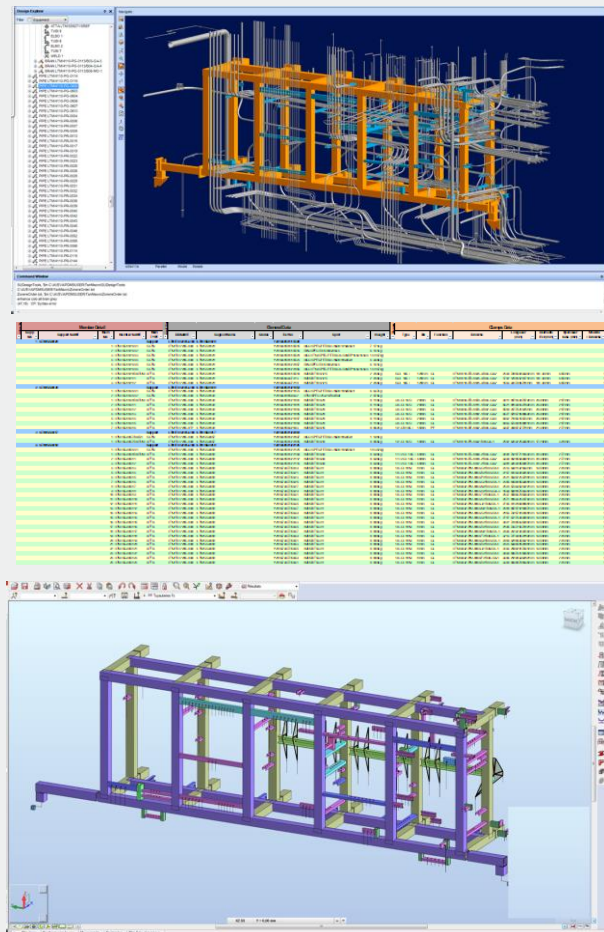
CONTACT INFORMATION

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KNOW-HOW:

- Development, deployment and maintenance of software tools, including:
 - Mechanical calculation data post-processing
 - Automatic report generation
 - Automatic installation and manufacturing drawings generation
 - Development of gateways between design and mechanical sizing software
- Qualification of software and OCS (scientific computing tool) according to customer requirements
- Definitions, revisions and continuous improvement of work procedures



PDMS to Robot software gateway
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TECHNICAL ENVIRONMENT

- **Softwares:** AVEVA PDMS, pipe stress, robot structural analysis and Microsoft Office
- **Programming languages:** PML, VBA, JAVA, C#, C/C++, Fortran, PostgreSQL, SQLite and Python
- **Calculation standards & codes:** ISO9001, RCC-M, Composite, EN-13480 and Eurocodes

SOME OF OUR REFERENCES:

- Development of computer tools in support of Layout studies required for the construction of a new EPR nuclear power plant, including:
 - Development of tools generating 2D drawings from a 3D model
 - Database development
 - Open Point management configuration
- Sequence of tools on the whole chain from the studies to the edition of the piping and steel structure calculation reports for the creation of annexes on existing buildings of a nuclear waste recycling plant, including:
 - PDMS to pipe stress software gateway
 - PDMS to robot structural analysis software gateway
 - Post processing tool for automatic generation of calculation notes
- Development of tools and processes to support Layout studies for EPRs, including:
 - PDMS administration support
 - Development of analytical mechanical spreadsheets
 - Sequence of post-processing tools for code compliant flexibility calculations, steel structures and pressure equipment

TECHNOLOGIES

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