



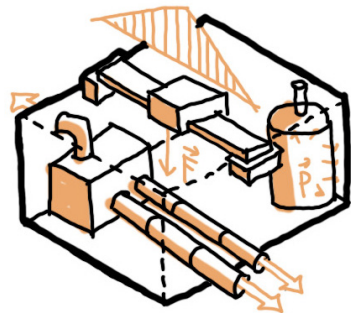
setec

# Nuclear





**We design and evaluate your infrastructure, and we use our project management expertise to help the nuclear industry remain competitive.**



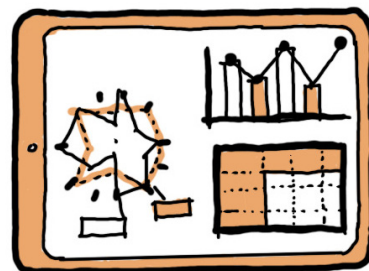
## Design and installation

New build, Life extension & Requalification, Dismantling & Decommissioning.



## Diagnosis & sustainability of structures

Control and characterization of materials  
Control and durability engineering for existing structures.  
Sustainable materials and circular economy with an approach to extend structural lifespan's.



## Data & Project Management

Management of large scale projects cost, risk, schedule, contract management and reporting -  
Dedicated PMO Information System - PPM tools

**3 keys areas of decarbonisation** that give substance to **setec's** commitments



**The decarbonisation of industry** in relation with territorial energy transition policies.

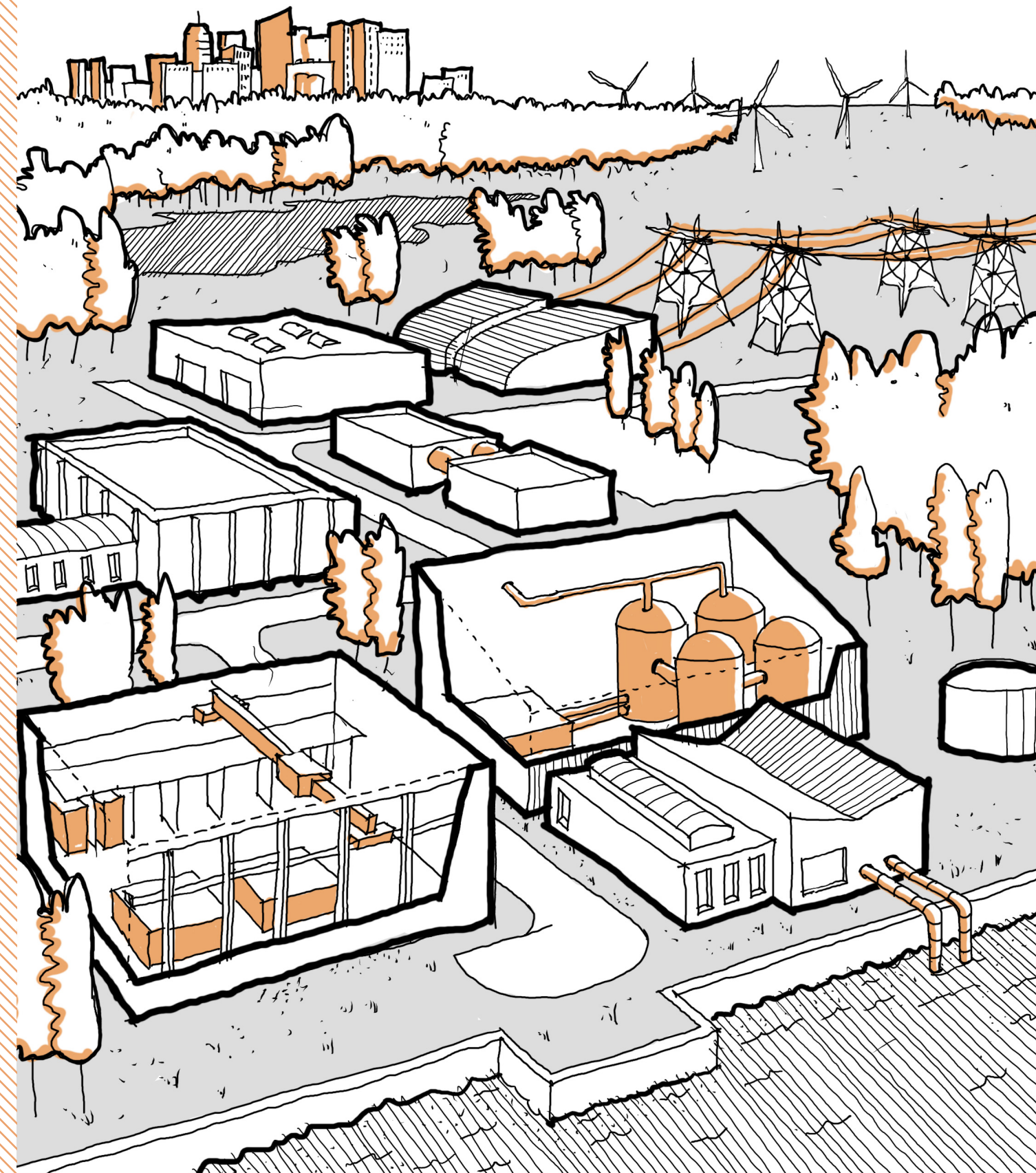


**The renewal and development** of new nuclear power and a future combination with electricity / hydrogen / heat.



**The development of Offshore,** land-based and floating wind farms.

## From design to dismantling



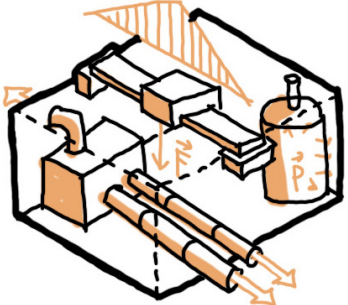


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**PROJECT INTEGRATION  
& OPTIMISATION**

**COMPLEX SYSTEM DESIGN**

**EXPERTISE / INNOVATION**



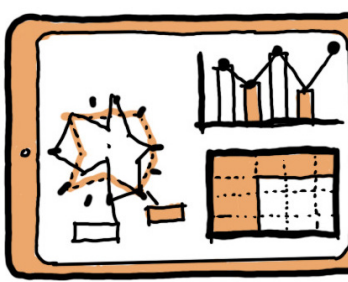
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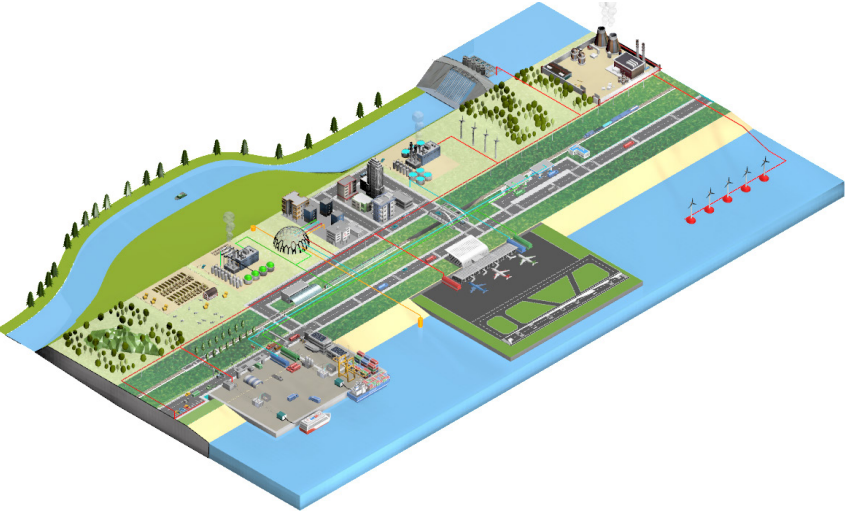
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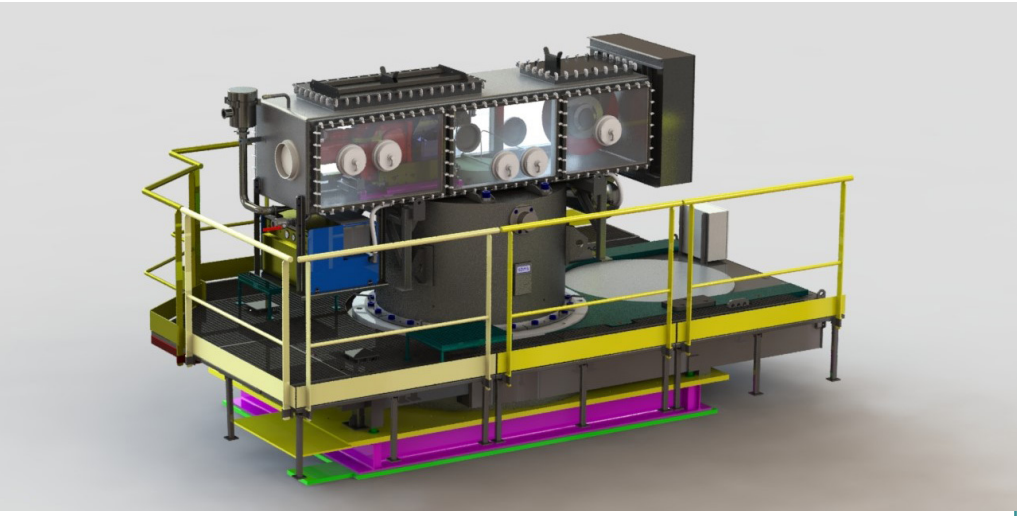
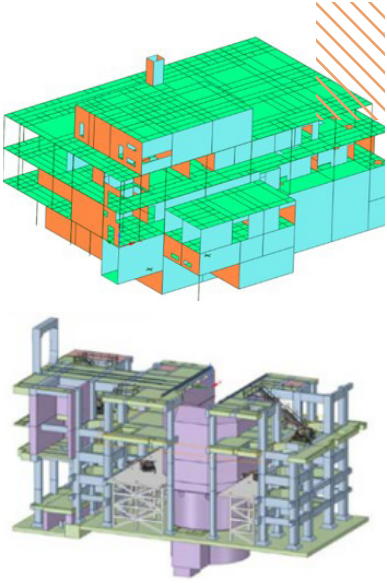
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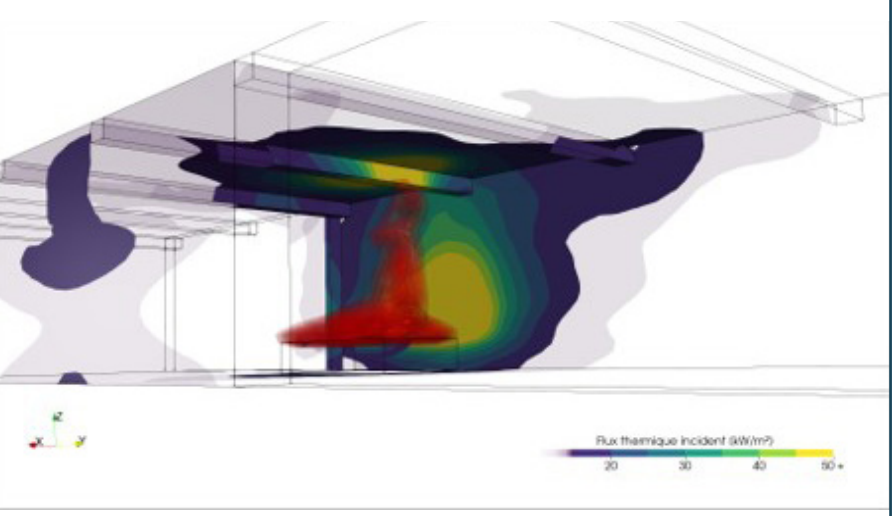
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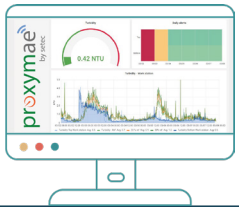
- Management of change and transformation project
- Plant design optimisation
- Soil studies
- Environmental characterisations (land and marine)
- Site mangement and surveys
- Materials re use/circular economy



- Civil engineering
- Geotechnical study, foundations, retaining structures
- Design mechanical process
- Nuclear safety
- Nuclear HVAC
- Process water treatment
- Fire risk study
- Systems engineering
- Technical coordination



- Fire modelling
- Digitalisation and data management
- Monitoring sensors and data base
- Life cycle analysis
- Flood risk study
- Formulating concrete for packages







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## ENGINEERS & CITIZENS



At the heart of ecological, climatic, technological and digital transitions, **setec** is a world leader in engineering through technical excellence, which has been the driving force behind the company's ambition for more than 60 years.

With over 3500 employees worldwide, **setec's** references are numerous and cover a wide range of sectors such as transport infrastructure, environment, energy, building, urban engineering, port and maritime works.

**setec** is also an independent group, which is owned by the company's engineers, whose energy and expertise are based upon the dedication of their employees. They are constantly developing their expertise to design, model and implement sustainable solutions for renewed purposes. Curiosity and a taste for challenge enable **setec** to invent new skills and innovative approaches entirely dedicated to meeting the needs of their clients.

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**Find out more** about our Engineers and Citizens solutions to the challenges and major transitions of today and tomorrow.

 nuclear  
expertise  
from France  **Gif**  
**nucleaire@setec.com**