



Dismantling and Repowering

Eole Constructing studies the development of technics and processes so as to provide low-cost wind turbines dismantling. It also guarantees the recycling of components and an environmental remediation of sites in accordance with the ICPE instructions from the decree n°2011-985 issued on August 8th, 2011.

Technical and financial engineering consulting :

- Technical analysis of the existing infrastructures. Design of upgrading facilities according to crane operations and transport planning.
- Design of the dismantling technics and processes of structures.
- Technical and financial analysis of the reuse of materials and the recycling of components.
- site analysis and financial scenario, with selling conditions of electricity, to define how many windturbines should be installed, and how powerful should be
- Research on the new wind farm design and elaboration depending on the existing and coming infrastructures.
- Analysis of the estate to vacate.
- Negotiation of the required estate. Drafting of deeds.
 - Analysis and study of the optimum dismantling/constructing phasage to avoid production losses.
 - Writing of a planning both for dismantling and constructing in order to reduce the CAPEX.

Steering of operations :

- Launching and supervision of the different projects.
- Writing of reports before and after the operations.
- Checking and ensuring compliance with the General Coordination Plan and safety rules.
 - Implementation of the technical interface between the concessionary companies, the CSPS (Health and Safety Coordination), the consulting engineer, the client's representative, and stakeholders.
 - Checking and overseeing the ecological impact. Meetings with the ICPE supervisor.
- Supervision of the recycling process and the BSD (waste follow-up forms).
 - Control and formalisation of the structure's quality.
 - Control and formalisation of the amount of completed works and issuing of bills.
- Reports on the progress of works
 - Helping the project owner in operating the work's acceptances.
- Control of the constructions before the end of the warranty period.

A turnkey dismantling project :

- Complete management of the dismantling process and the site's remediation.
 - Estate management.
 - Management of the recycling chain of materials and components and of waste treatment
- Report's writing before and after the operations.
- Compliance with the PGC and the safety rules.
 - Implementation of the technical interface between the concessionary companies, the CSPS, the consulting engineer, the client's representative, the elected officials and the neighbours.
 - Checking the ecological impact and follow-up. Meetings with the ICPE supervisor.
 - Supervision of the recycling process and the BSD.
 - Reporting on work operations progress.
- Site's remediation and rewilding.
- Final reporting of remediation.
- Subsidies and countervailing measures management.

Eole Constructing offers an engineering assistance to help you with your current or future projects. We aim at considering the technical and financial parameters of dismantling and/or repowering before starting constructing. Our goal is to optimize the CAPEX and reduce the OPEX.