

WHEN SOCIAL

RESPONSIBILITY MEETS

EXCELLENCE IN INNOVATION:

THE IVORY COAST CASE

CLIENT EPC COTE D'IVOIRE

SITE OKO

LIEU YAMOISSOUKRO, IVORY COAST

PÉRIODE JULY 2013-TODAY



OKO, IVORY COAST, JUNE 2013



DEPLOYING, OKO



OKO, IVORY COAST, JANUARY 2014

OBJECTIVES & CONTRAINTES

- Engineering a unique containerised manufacturing solution to produce more than 6,000 tons of emulsion (AN, AN/CN, AN/SN) per year and per shift in total safety, being user-friendly enough to allow local workers to easily control and maintain it, while being robust enough to resist to the harshest climatic conditions
- Deploying such a manufacturing capability in a 6 month time frame and transport it to the selected site in order to allow the fastest possible development to the EPC Group newly created subsidiary in Ivory Coast
- Seceting and acquiring a site permitting the manufacturing in full compliance with safety and environmental local regulations and standards
- Setting-up the adequate social responsibility mechanisms to the benefits of local communities to favour a seamless settlement and long term trouble-free running of this production unit.

KEY FIGURES



- 125 hectares of land acquired and enhanced
- A manufacturing site ready in 6 months (07/2013 – 01/2014)
- 6000 tonnes/an/poste d'émulsion
- 20 ans d'expérience dans la production d'émulsion
- Plus de 60 ans d'expérience en Afrique





DESIGNING A SAFE AND INNOVATIVE SOLUTION TO MANUFACTURE EMULSION, THAT CAN BE BUILT IN A 6 MONTH TIME AND BE READY TO DEPLOY ANYWHERE IN THE WORLD

- A batch production system entirely designed from the most advanced 3D modelling technologies in order to produce more than 25 tons in less than 8 hours, including set-up, dissolution, oil phase preparation, production and cleaning stages
- An emulsion formula fitting to local environment and constraints allowing maximum safety in production, storage and use
- A recycled-oil based product being both environment friendly and high quality
- A modular plant in full compliance with the safety and health standards edicted in the European Union directive 2006/42 on machinery
- A diesel-based energy, compressed air and steam self-sufficient plant designed along environmentally responsible principles. In example, the water used to clean the plant is automatically recycled and reused inside the production process

THE UNIQUE EPC'S APPROACH OF COMMUNITY MANAGEMENT IN AFRICA

- The EPC Groupe has been present in Africa for the last 60 years. Having operations in 16 African countries and distributing in 25, we have been gaining experience and developed a unique approach of community management around our operations.
- By nature, our manufacturing sites required large surrounding estates to conduct our activities safely, effectively and appropriately. Through constant dialogue and collaboration, we are developing cooperative agriculture and areas devoted to free-range farming in partnership and to the benefice of local communities. In Ivory Coast this policy is allowing local communities to benefits from 125 hectares of land for food production and landscape preservation.
- In order to maximize the social impact of our locations, we gives absolute priority to local workforce and companies. We also contribute to renovations programs, cultural or recreational activities, sponsorship actions, etc. At Kokumbo, Ivory Coast, we financed the renovation of public buildings among which the local school.

