

E-PROPS : Industry 4.0

The concept of Industry 4.0 corresponds to a new way of organizing the means of production: the objective is the establishment of so-called "smart Factories". They are capable of greater adaptability in production and a more efficient allocation of resources, paving the way for a new industrial revolution. Its technological bases are the Internet and cyber-physical systems.

The E-PROPS company develops its activities according to this concept "Industry 4.0":

- production flexibility and customization

=> manufacture of carbon propellers according to customer specifications, both in small and in large series: production follow-up by KANBAN

- digitisation of the company and new logistics tools

=> continuous and instantaneous communication between the various tools and workstations integrated in the production and supply chains: RFID system

- production simulation tools

=> virtual replicas of propellers manufacturing and finishing machines

- Energy and raw material saving workshops

=> Work to best address resource and energy management issues: photovoltaic buildings, heat exchangers, transport reduction, waste reclamation

