

SUPREME

SUSTAINABLE PREDICTIVE MAINTENANCE
FOR MANUFACTURING EQUIPMENT



INCREASE YOUR PRODUCTIVITY WITH SUPREME

YOUR HIGH STAKES...

- Decrease your costs of downtimes due to process and machine failures
- Increase reliability and availability of your production tool
- Reduce your cost of energy consumption



SUPREME

- RISK ASSESSMENT AND RISK MANAGEMENT
- INTELLIGENT OPERATION AND CONTROL
- DETERIORATION MODELING
- RESIDUAL LIFE CALCULATION
- DYNAMIC ADAPTION OF MAINTENANCE STRATEGY

SUPREME PROJECT PROVIDES NEW TOOLS TO ADAPT DYNAMICALLY THE MAINTENANCE AND OPERATION STRATEGIES TO THE CURRENT CONDITION OF THE CRITICAL COMPONENTS IN PRODUCTION EQUIPMENT

ADAPTED SOLUTIONS

SUPREME PROJECT PROVIDES A REFERENCE MODEL TO ACHIEVE AN INTEGRATED APPROACH TO OPTIMAL ENERGY CONSUMPTION

PRODUCTIVITY IMPROVEMENTS HAVE MAJOR IMPACT ON ECONOMY AND COMPETITIVENESS IN MANUFACTURING INDUSTRY

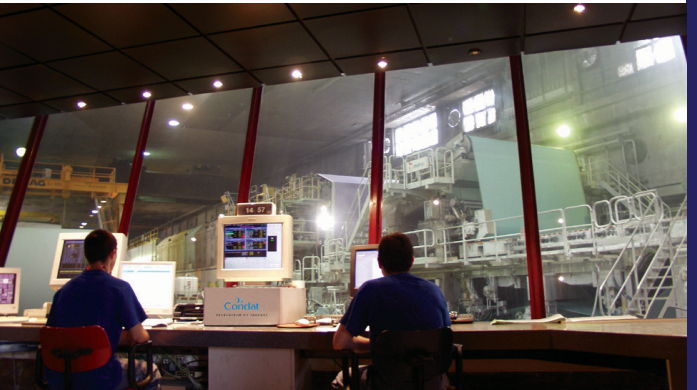


Industrial maintenance contributes largely to this competitiveness through **reliability** and **availability of production equipment**

Default component or process failures may stop the whole production. For this reason, **predictive maintenance** is a critical issue

In continuous production industries (energy, chemical, food, cement or paper sectors) the ratio “**maintenance costs / added value product**” is even higher than 25%

WORLD LEADING COOPERATIVE RESEARCH INITIATIVE
SUPPORTED BY THE EUROPEAN COMMISSION UNDER 7TH
FRAMEWORK PROGRAMME



WITH SIGNIFICANT BENEFITS

MINIMAL
EQUIPMENT
BREAKDOWN

HIGHER ENERGY
EFFICIENCY

HIGH-END
MAINTENANCE
AND OPERATION

OUR MAJOR ASSETS

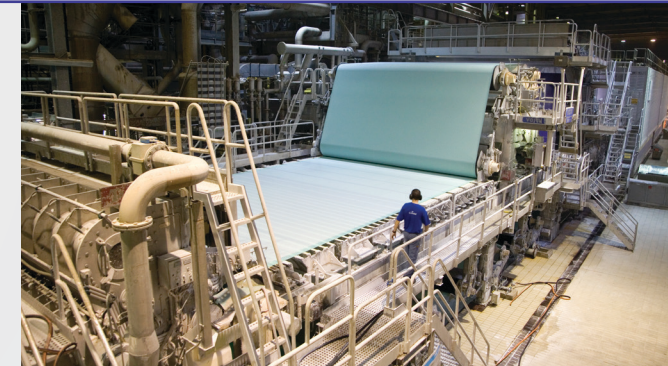
- A strong experience in industries
- 10 actors expert in many fields for high tech asset management

CASE STUDY

ONE PILOT SITE
FOR THE EXPERIMENTATION
AT THE PAPER MILL
OF CONDAT IN FRANCE

UP TO **10%**
OF ENERGY SAVINGS

UP TO **5%**
OF MAINTENANCE
COST SAVINGS



MEMBERS



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CONTACT US TO IMPLEMENT THE SUPREME REFERENCE MODEL IN YOUR INDUSTRY

DOCUMENTATIONS AND E-LEARNINGS AVAILABLE ON :
www.supreme-fof.eu

INFORMATION

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