SUPREME

SUSTAINABLE PREDICTIVE MAINTENANCE FOR MANUFACTURING EQUIPMENT
INCREASE YOUR PRODUCTIVITY WITH SUPREME

ADAPTED SOLUTIONS

- 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

YOUR HIGH STAKES...

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

- Risk assessment and risk management
- Intelligent operation and control
- Deterioration modeling
- Residual life calculation
- Dynamic adaption of maintenance strategy

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%.

WITH SIGNIFICANT BENEFITS

- Minimale 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

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

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

DETERIORATION MODELING

RESIDUAL LIFE CALCULATION

DYNAMIC ADAPTATION OF MAINTENANCE STRATEGY

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%.

WITH SIGNIFICANT BENEFITS

- Minimale 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

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%.

WITH SIGNIFICANT BENEFITS

- Minimale 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

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%.

WITH SIGNIFICANT BENEFITS

- Minimale 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

CONTACT US TO IMPLEMENT THE SUPREME REFERENCE MODEL IN YOUR INDUSTRY

DOCUMENTATIONS AND E-LEARNINGS AVAILABLE ON:

www.supreme-fof.eu

INFORMATION

SUPREME PROJECT COORDINATOR
Sophie SIEG ZIEBA (CETIM – France) Mail: sophie.sieg-zieba@cetim.fr

This project has received funding from the European Union’s Seventh Framework Programme for research, technological development and demonstration under grant agreement no 314311.