NEWSLETTER

SUPREME

SUSTAINABLE PREDICTIVE MAINTENANCE FOR MANUFACTURING EQUIPMENT

INCREASE THE PRODUCTIVITY OF EUROPEAN INDUSTRIES

SUPREME Project

The project impact will be **the proof of predictive maintenance efficiency, reduction of down-time and energy consumption in manufacturing industry, demonstrated in a coated paper mill.**

The objectives of **SUPREME** are :
- to develop and use most advanced signal and data processing dedicated to predictive maintenance and energy consumption reduction
- to implement these tools in an industrial demonstrator
- to develop, exploit and diffuse new tools for predictive maintenance

For more information, please visit the SUPREME PROJECT website at : www.supreme-fof.eu

Project achievements

First version of the ECMS prototype has been developed, delivered and installed in Condat

Developments of the advanced modules for integration in the ECMS are in progress (astrion modules, cyclostationnarity module, multi-sensor module)

First version of the Reliability and Maintenability module has been developed and delivered (methode and tool for systematic identification of critical components, high level data management, deterioration models, dynamic adaptation of maintenance strategy)

Modules 1 of the e-learnings is ready to use. Module 2 will be available this month

Press releases

Press article for EUROMAINTENANCE 2014, Finland
Read the full article at www.supreme-fof.eu (in the "media" column)

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Lastest events

SUPREME has been represented by **EC Systems** during the MAINTENANCE 2014 Exhibition (October 2014) in Krakow. During this event, ECS Systems will be presenting the hardware and software designed within Supreme project

SUPREME has been represented by **Cetim** and **Cofely Endel** during the MIDEST MAINTENANCE EXPO in PARIS (November 2014). During this event, the SUPREME project has been presented to industrials visitors

SUPREME has been represented by **Grenoble INP** during the Annual European Safety and Reliability Conference - ESREL 2014 in Wroclaw, Poland (September 2014). During this event, Grenoble INP has been presenting a communication on the work developed within WP4, entitled "Hidden Markov Models for diagnostics and prognostics of systems under multiple deterioration modes". A paper has also been published in the conference proceedings

Agenda

SUPREME will be represented by **Grenoble INP** at the Annual Reliability and Maintainability Symposium in Palm Springs, FL, USA (January 2015). During this event, Grenoble INP will be presenting a communication on the work developed within WP4, entitled "Multi-Branch Hidden Semi-Markov Modeling for RUL Prognosis". The corresponding paper will be published in the conference proceedings.

Cofely Endel company will receive all the SUPREME partners for the next PMB in France in March 2015

For more information, please contact the SUPREME PROJECT Coordinator at : Sophie.Sieg-Zieba @cetim.fr

Project members

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