///// Systems Design and Development Tools WG

Modelling systems simulation

The objectives of this project is to develop new optimisation algorithms and after integrate them in an Graphical User Interface giving the possibility to build interoperable workflows between software. These softwares are the basics to be able to design robusts new products, taking into account companies productivity and innovation. The developments will be around commercial software but also freeware like Scilab from DIGITEO, they will use algorithms and software add-ons developed by the project partners and will also integrate research results issued from the other SYSTEM@TIC projects like IOLS/EHPOC/OPSIM, ... the aims is to help to promote them to industrials and offer them to CSDL partners and users hosted on TER@TEC campus.

Contact

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ACTIVOPT
Optimisation Interactive tools for Robust Design

PROJECT PLANS & DELIVERABLES

During the project the following datas will be issued:

Specification reports

- D1.1: Specification report - initial version : T0+12
- D1.2: Specification report - final version : T0+24

Algorithms works

- D2.1: Algorithms works - initial version : T0+12
- D2.2: Algorithms works - final version : T0+24

Intermediates software

- D3.1: Intermediates software - initial version: T0+12
- D3.2: Intermediates software - final version: T0+24
- Reports et Software final
- D4.1: software - version

MAJOR PHASES OF THE PROJECT

- T0+6 months: End of needs collection, synthesis, ahead working planification
- TT0+12 months: Intermediate checkpoint and ahead working planification
- TT0+18 months: Intermediate checkpoint and ahead working planification
- TTo+24 months: Synthesis, report, production and deliveries.

STATUS

Today, the project has been launched. The partners are exchanging technical ideas and details to assume the development of the interfaces and links between the different software or algorithms. Individual meetings are organized between actors in a first step, to investigate and go further into specifics action.

CLUSTER RELATED PROJECTS

CSDL

PARTNERS

MAJORS CORPORATIONS	.
SMEs	ENGINSOFT FRANCE, EURODECISION
ACADEMICS	ECOLE CENTRALE PARIS, DIGITEO SCILAB

Coordinator: ENGINSOFT FRANCE

Duration: 24 months

Global budget: 1.5 M€

Funding: 0.733 by FEDER