

PROSYN Development



Project#: to be determined
Project Leader: Hans Keuken – Process Design Center BV
Researchers: to be determined
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Partners: Cross sector - Industrial ISPT members
Budget: 2 million Euro
Duration: 4 years

Objective:

The ISPT consortium is planning a 4 year project to further develop the process expert system PROSYN.

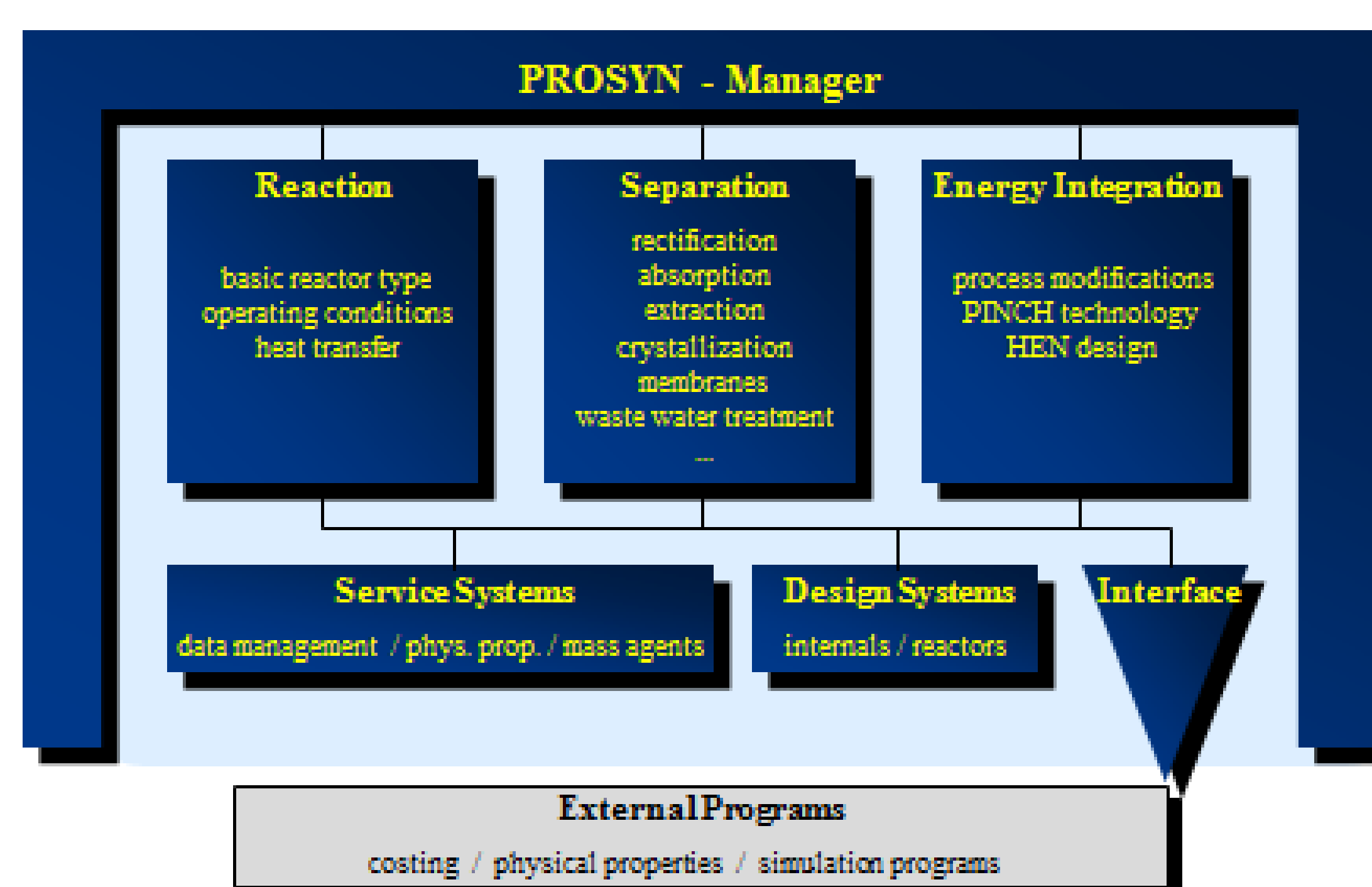
Motivation:

The expert system is a huge base of generic knowledge rules, developed in a collaborative effort with the chemical industry. PROSYN is used to structure the conceptual design work by generating ideas that provide the highest driving forces for chemical and physical processes, leading to better and cheaper processes.

Project scope:

PROSYN requires a serious development effort initially to be able to properly access all existing PROSYN knowledge rules & modules next to the embedding of additional knowledge rules in existing modules or new modules. The PROSYN project will involve chemical engineers (M.Sc.'s & Ph.D.'s) supported by IT specialists and guided by an industrial ISPT user group.

PROSYN[®]: Structure of the System



Status:

PROSYN is currently evaluated in a TechnoProject with 5-6 industrial ISPT members and has the "fast track" status within ISPT.

Applicability:

PROSYN contains generic process knowledge rules which could be applied cross sector.

Decomposition of Conceptual Design

