



Project „Flexible Assembly Processes for the Car of the Third Millennium (MyCar)“

Problem Description

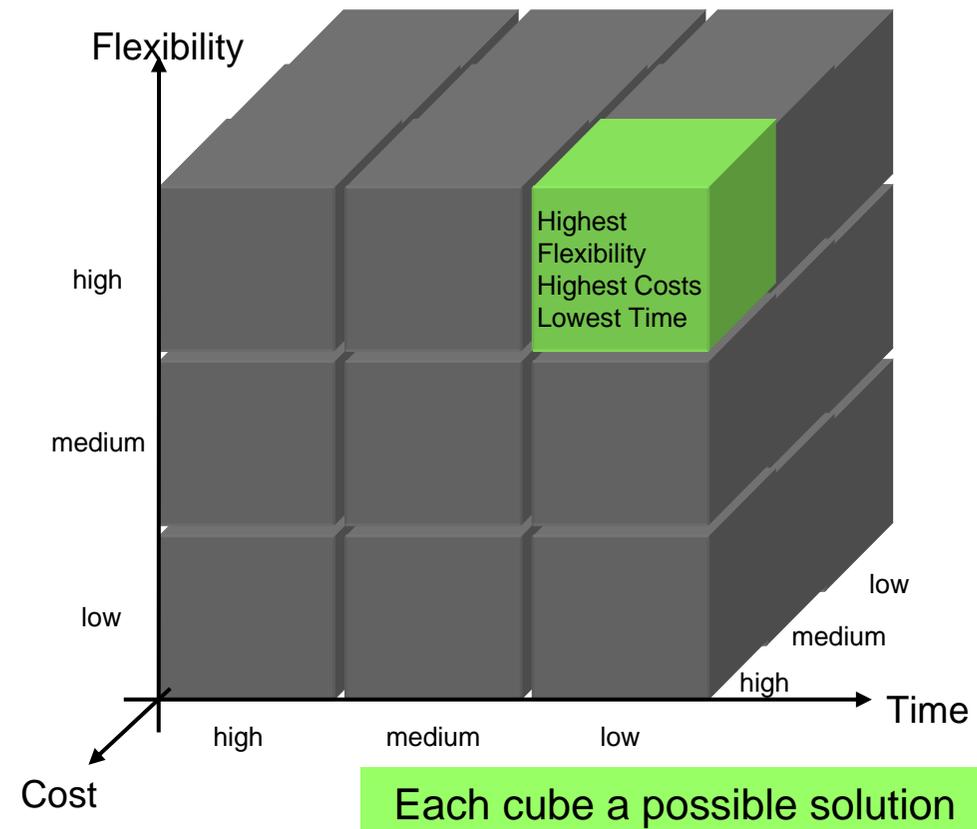
Assembly product/process template selector/tracker

Problem description

... How to categorize and classify
the knowledge of past products and processes
for reuse in new solution development?

General explanation of the task

A systematic Classification of Past Projects, in terms of Flexibility, Cost and Time, including Product, Process and Resources Data.



General explanation of the task

- The aim of the Assembly Product & Process Template Selector & Tracker (APPTST) is twofold:
- On the one side the amount of available data that can be considered or used as past knowledge is quite large, therefore the need of classification and organization of the according manufacturing process and resource information is obvious; past solutions are organized in terms of cost, time and flexibility criteria.
- The second aim of Assembly Product & Process Template Selector & Tracker is to be the database of the following SW developments:
 - SP2 Intelligent Tool fir Adaptable Assembly Line Design/Operation
 - SP3 Production Oriented Product Design
 - SP5 Knowledge Based Performance Indicators Estimation
 - SP5 Knowledge Based Decision Support System