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Projects

Planning
- Energy information- and data management
- Planning and controlling tools
- Operative management tools

Press Shop
- Forming process
- Plant and machinery

Tool and Die Making
- Tool lifecycle
- Concepts of optimized operation
- Manufacturing and repair

Body-in-White
- Configuration of car body process
- Innovative control engineering
- Strategies for automotive lightweight construction

Lacquering Process
- Lacquering and drying process
- Modular painting concepts

Outcome

Each of the 30 explicit R&D-subprojects is targeted to create and prove new approaches – in technology, machine systems or planning processes. Precise added value will be identified, concerning the reduction of energy and resource use and CO\textsubscript{2} output in car body manufacturing.

Industry partners of the alliance synchronize their own competition-oriented programs and efficiency efforts with combined public founded collaborative R&D. Thus, effectiveness of public founding capital is multiplied. Beside technical improvements, sustainable new products and services are targets and will strengthen the industry.

The business efforts are complimented with marketing and knowledge transfer activities, including e.g. customer oriented publications and workshops.

To summarize and value the total achievements of InnoCaT related to car body production, all results will be benchmarked, concerning their significance and perspective, using a harmonized so called “standard plant”.

To display the interaction of single results and provide an overview through all stages of the process chain in body-in-white, an interacting information system is developed.