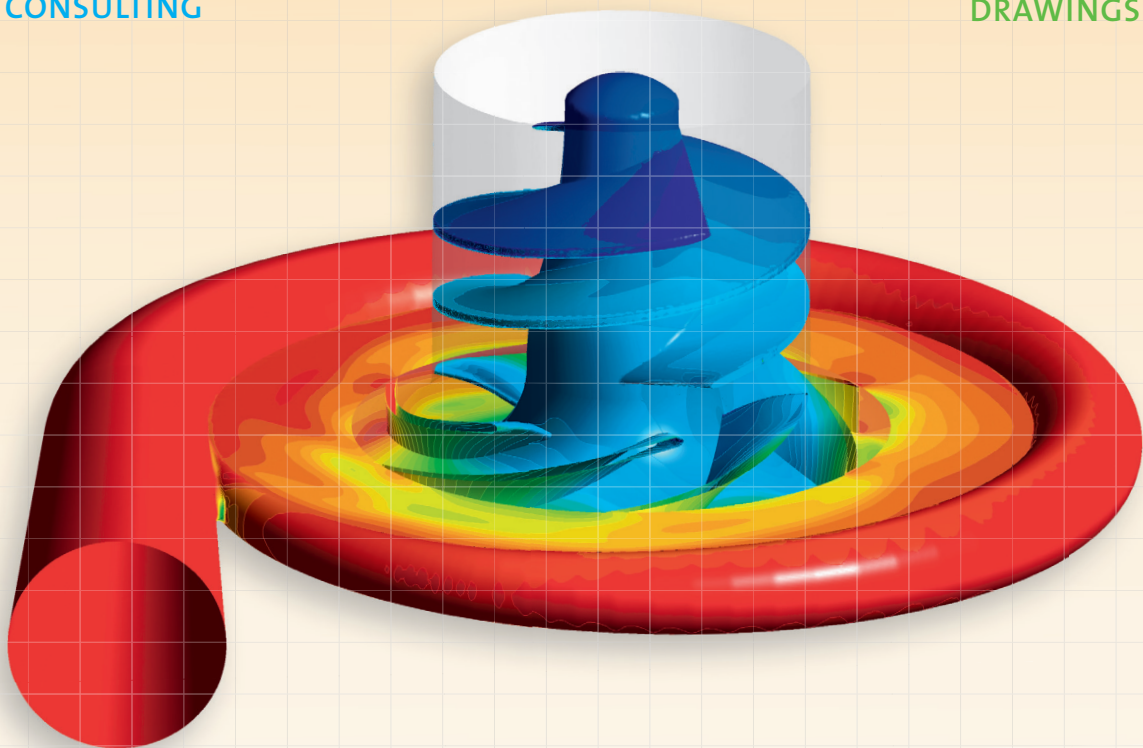


### TURBOMACHINERY ENGINEERING SERVICES

CONCEPTUAL DESIGN

CAE/CFD/FEA  
CONSULTING

3D-CAD,  
DRAWINGS



CAE-PROCESS  
AUTOMATION

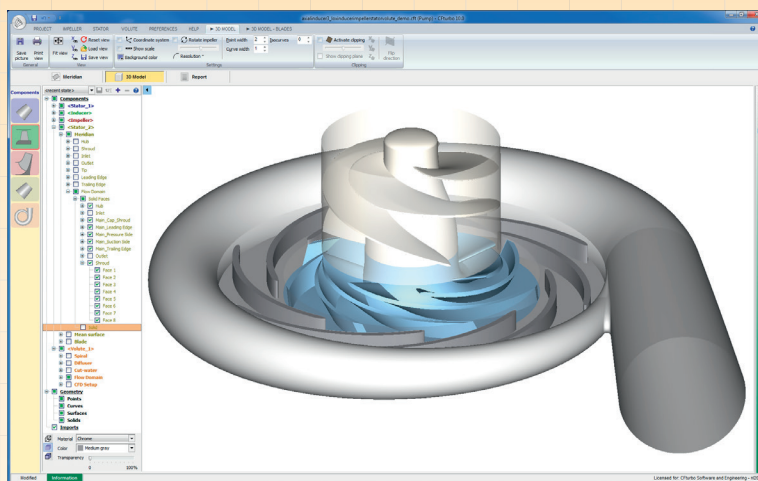
PROTOTYPING

OPTIMIZATION

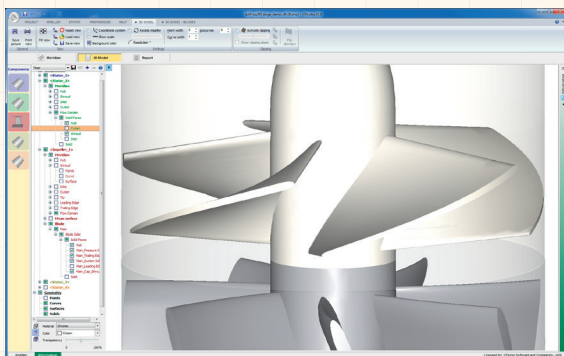
#### **Turbomachinery Engineering Services – Pumps**

The company CFturbo offers comprehensive engineering services for pumps. It comprises conceptual design of Turbomachinery components, CFD-, FEA- and rotor-dynamic simulations and optimization, as well as CAD-services, prototyping and testing.

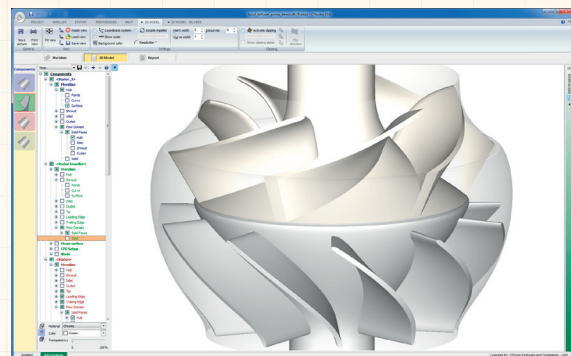
### TURBOMACHINERY DESIGN SOFTWARE



CENTRIFUGAL PUMPS



AXIAL PUMPS, INDUCERS



MIXED-FLOW PUMPS

#### Turbomachinery Design Software – Pumps

CFturbo is an interactive design tool to create axial, mixed-flow and centrifugal pumps from scratch or to re-design existing parts. It covers design steps for impeller main dimensions, meridional contours, blading, as well as for vaned and vaneless stators, return channels and volutes.