

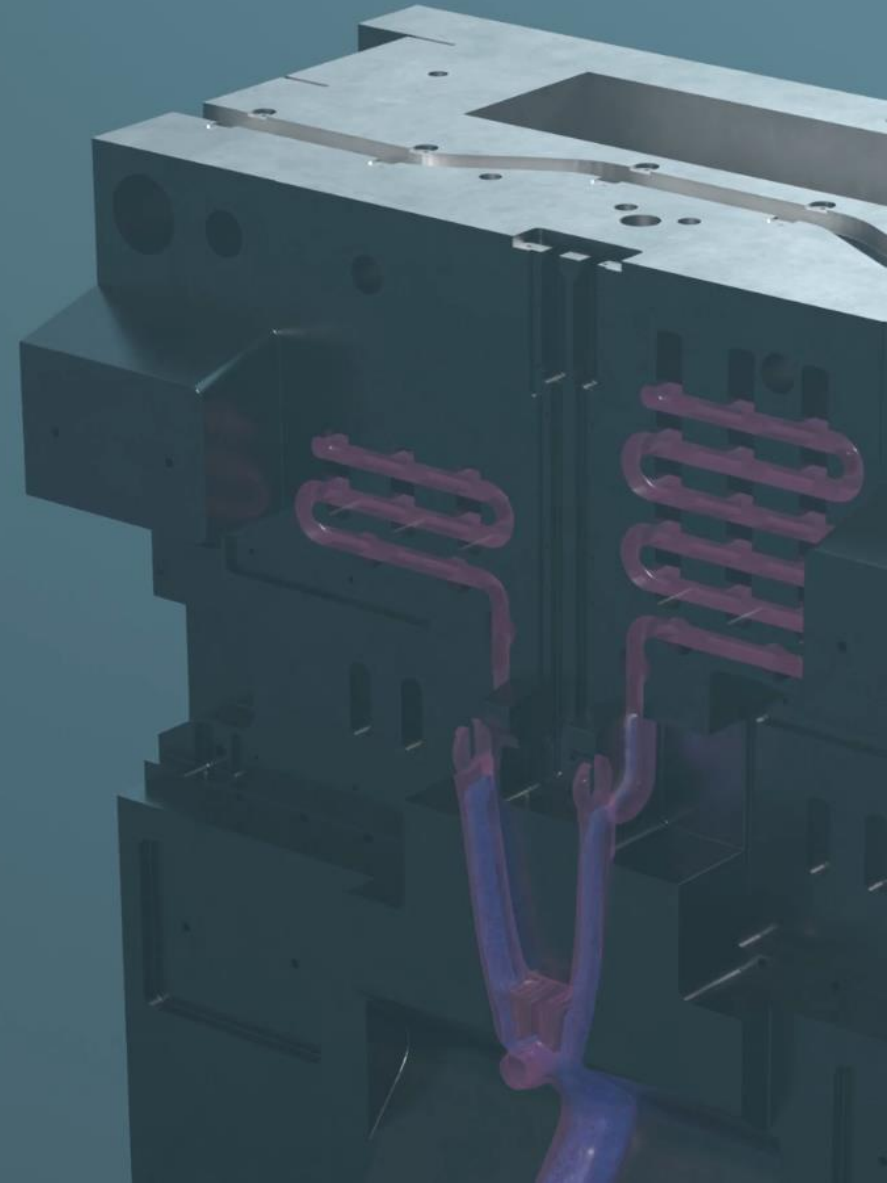
BE INNO VATION

Injection Molding is our passion.
Process Engineering is our business.
To give Support is what we love to do.



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we are
engineering
consultants and
innovators in the
field of product
engineering



Product Engineering Services

PLASTIC
innovation



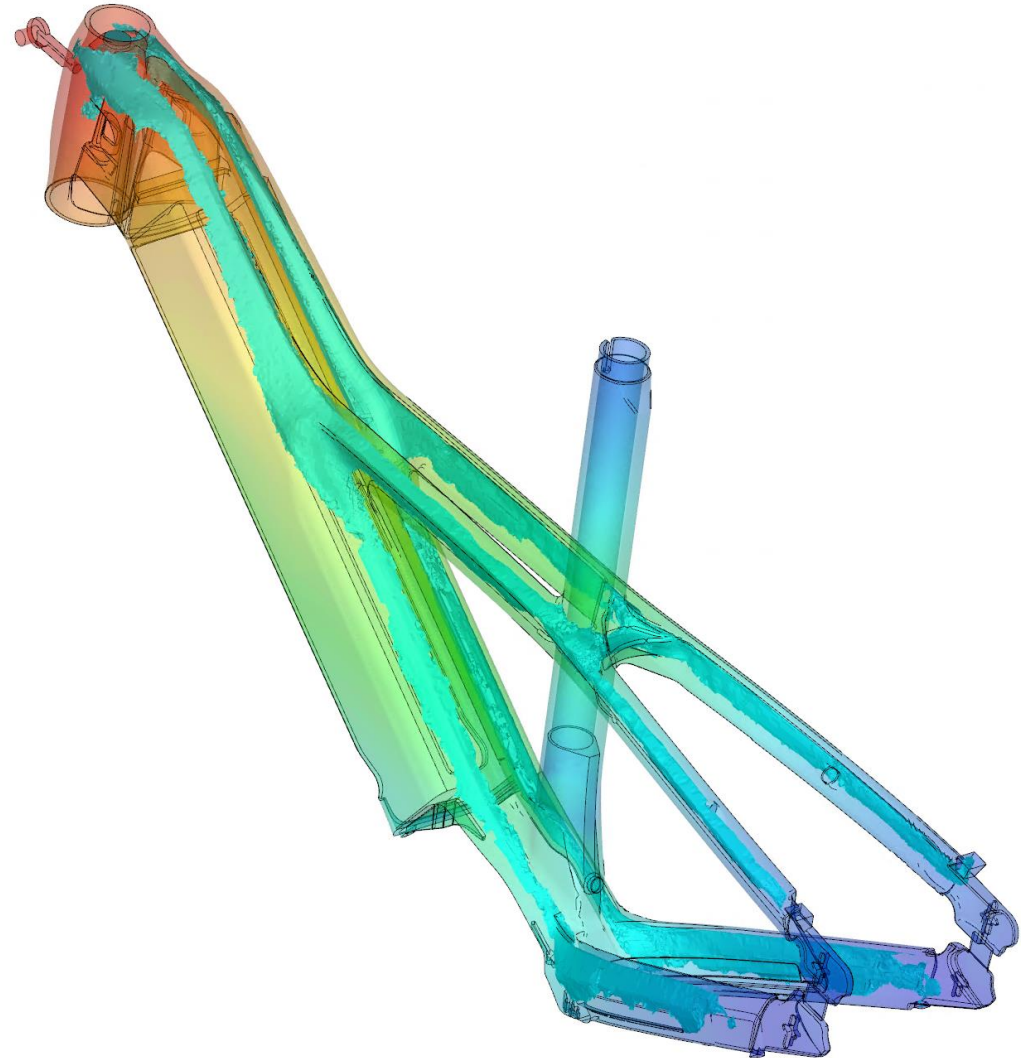
- Consulting
- Concept Design and Development
- Process Simulation
- Structural Simulation
- Testing
- Life Cycle Assessment (LCA)
- Application and Production Engineering

- Design and Product Sustainability
- Material Selection
- Processing and Production Efficiency
- Cost Calculation and Optimization
- Feasibility Studies
- Market Analysis



“There is a way to do it better, find it!”
Thomas Edison

- Shorter Time-to-Market
- Process-appropriate Engineering
- Material-appropriate Engineering
- Optimization of Filling behavior
- Definition of Application-relevant Load-Cases
- Structural Performance Optimization



- Benchmark Tests
- Validation of Simulation Results
- Influence of Process Parameters on Component Properties
- Structural Performance Evaluation





- LCA of Toolmaking
- LCA of Injection Molding Process
- LCA of Material Substitution
- CO₂ Footprint and GWP of Products

From Idea to Production



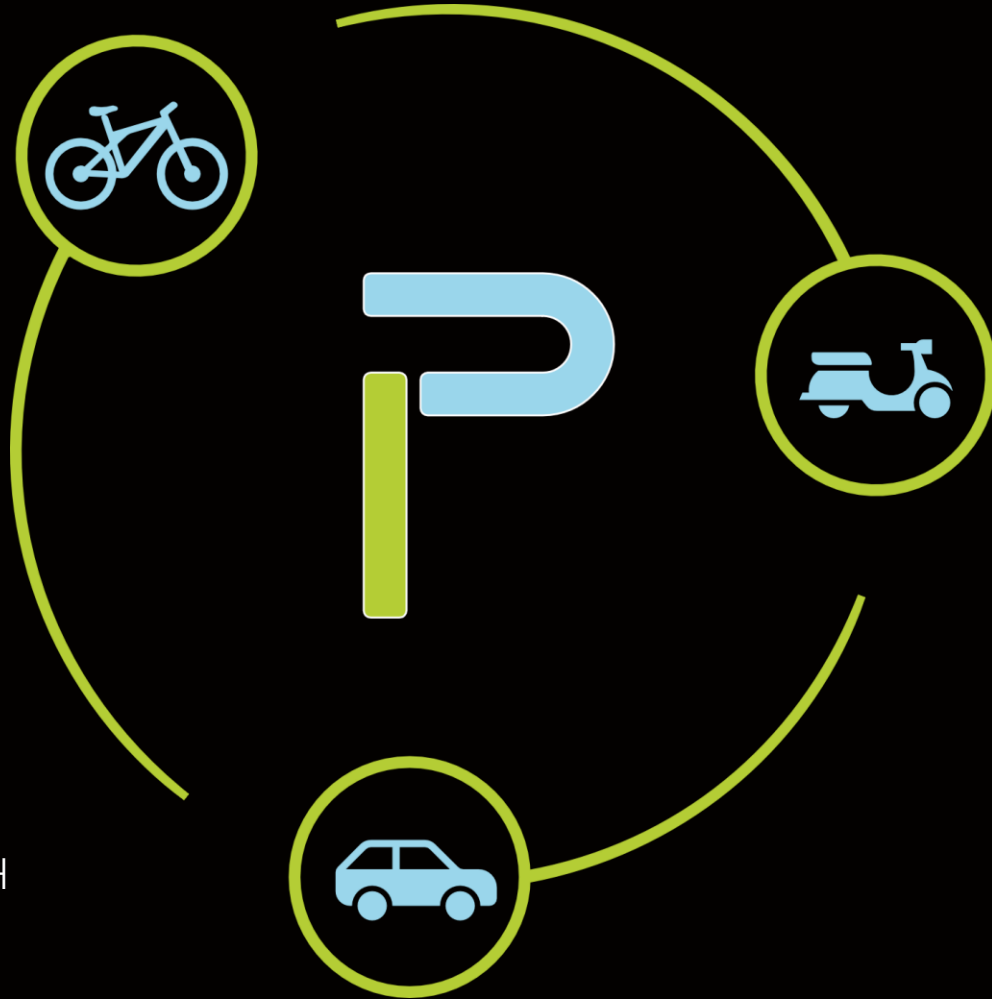
References



WAIM-Channel



Affenzahn, Push Bike, 2023



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