



PRESENTATION

Version 2022-09_EN





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Company Overview

XORTION Engineering GmbH is an independent engineering and consulting company for the waste and recycling industry.

We are offering specialized services for:

- 01 Plant operators and waste management companies
- 02 Plant and equipment suppliers
- 03 Other engineering and consulting companies

2022

Year of establishment

Grasbrunn

Our Headquarter

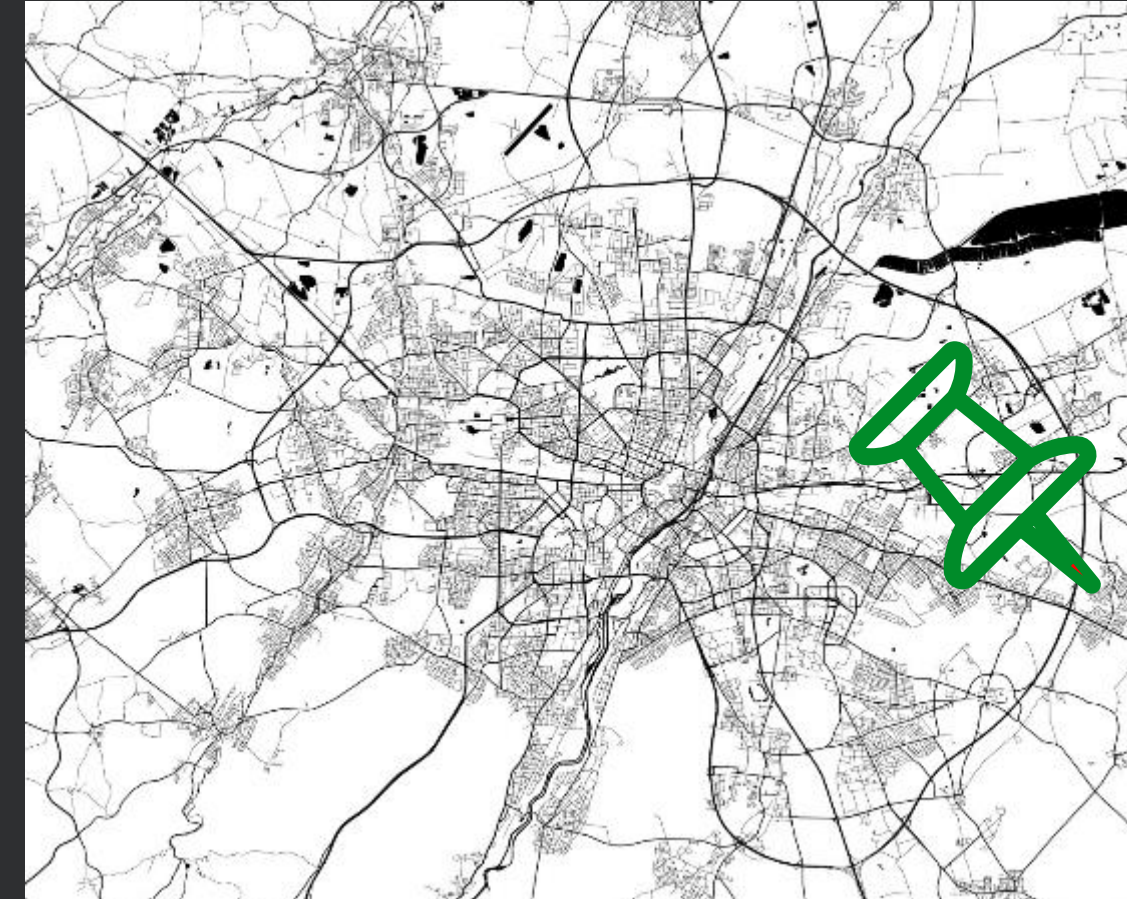
15km

To Munich city center



33km

To Munich Airport





Our Mission

We are committed to providing quality professional engineering and consulting services to our clients. Our approach combines exceptional design, innovative solutions, and proven performance.



Innovation



On Time



Feasibility



State of the Art



Performance



Cost-effective



Our Services

Our range of services are backed by technical expertise, industry knowledge, and a passion to help clients find solutions perfectly tailored to fit their needs.

Business divisions

A Engineering

B Technical Consultancy

C Digitalisation

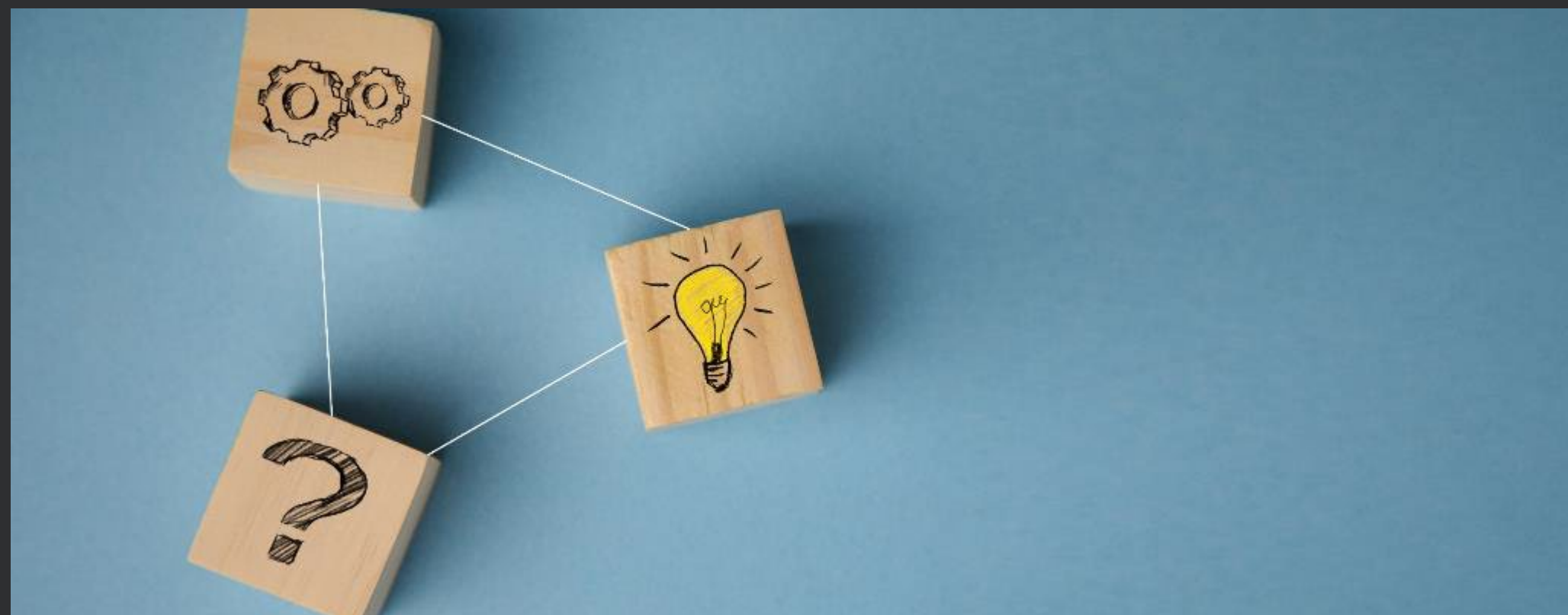
Business divisions





Engineering

Regardless of whether we are planning and engineering a large, complex project for you or whether it is a small project, if the team of XORTION Engineering can bring any specific benefit to your project, we are ready to do so.



Concept Engineering



Basic Engineering



Detail Engineering



Simulations



Technical Consulting

Close cooperation with our clients enables us to pay attention to all the important details. Through project management, we strive to realize quality solutions and minimize risks. We follow project development from the first ideas up to the final steps and even beyond, ensuring all the demands are met.



P

Process Engineering

F

Feasibility Studies

P

Project Management

V

Value Engineering



Digitalisation

High quality information are a key to a quality project outcome. Converting of available documentation to CAD, laser scanning and reverse engineering are just some of the services where you can rely on XORTION Engineering.

Visualization is a powerful way to bring certainty and confidence to any projects. We produce different digital experiences to help our clients explore their projects in sensory detail.



P

2D to 3D Engineering

R

Reverse Engineering

V

Visualization

D

Documentation



Case Study 1

Relocation and extension of a MSW Sorting Plant

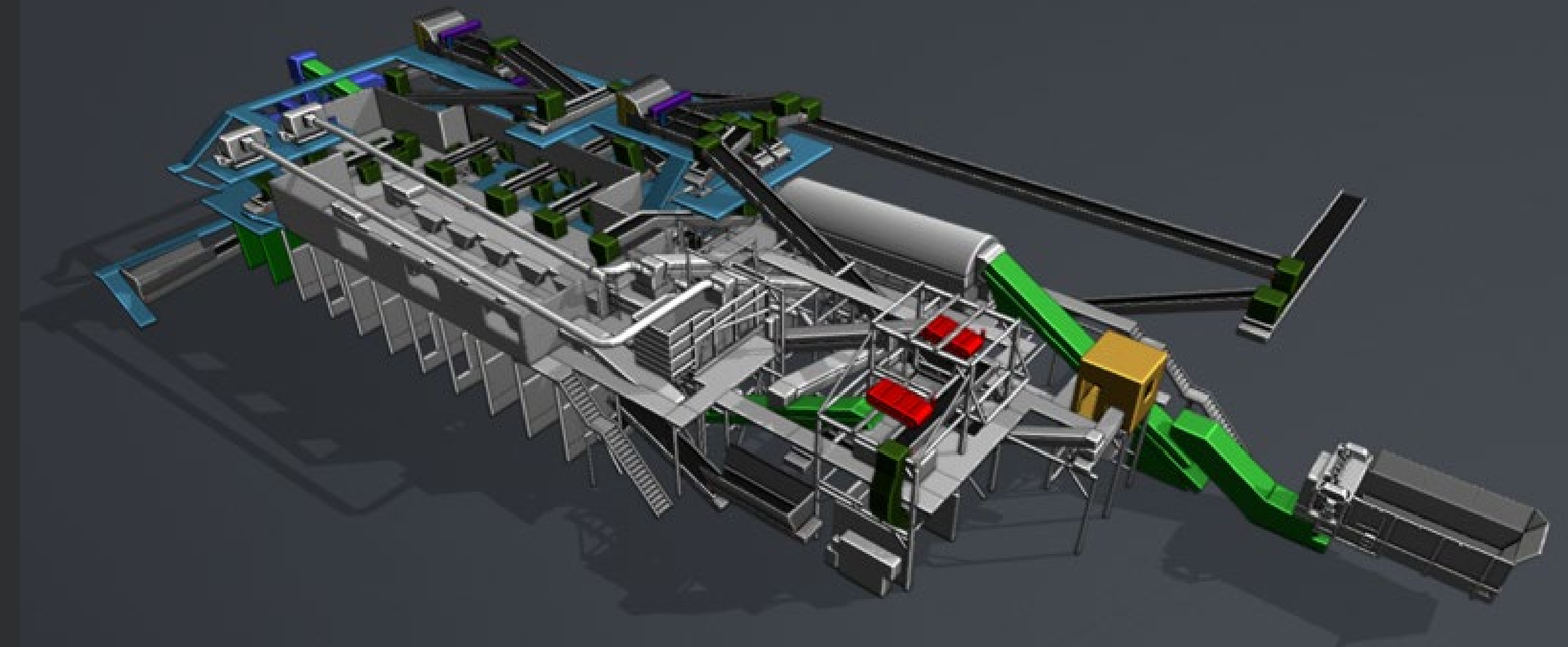
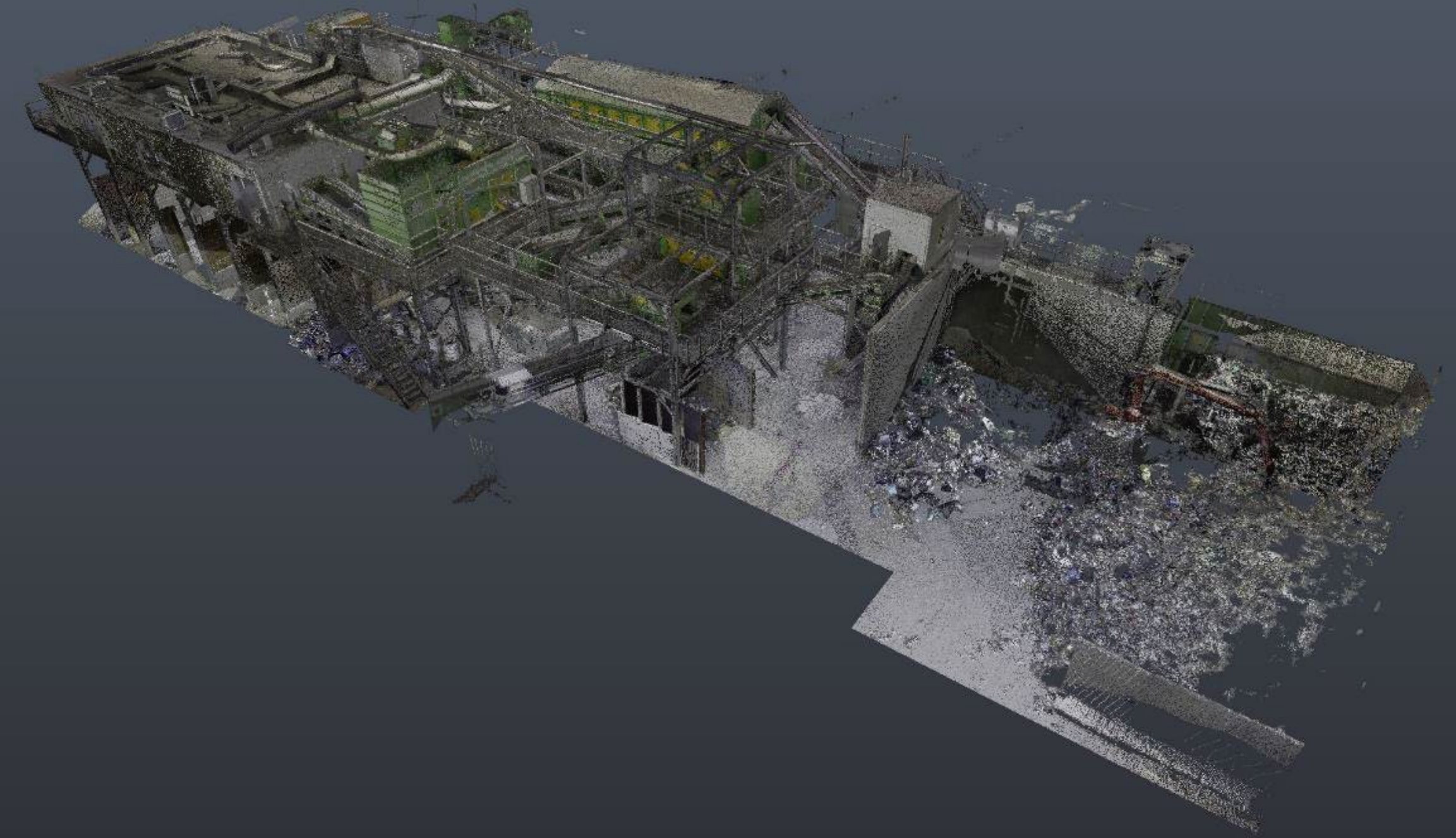
Scope of services:

Phase 1

- 3D Laser Scan to 3D CAD conversion
- As-Built drawings
- As-Built flowchart
- As-Built equipment list

Phase 2

- Project requirements analysis
- Process flowchart development consulting
- Mass balance
- Feasibility engineering
- Basic engineering
- Project documentation (for tendering process)



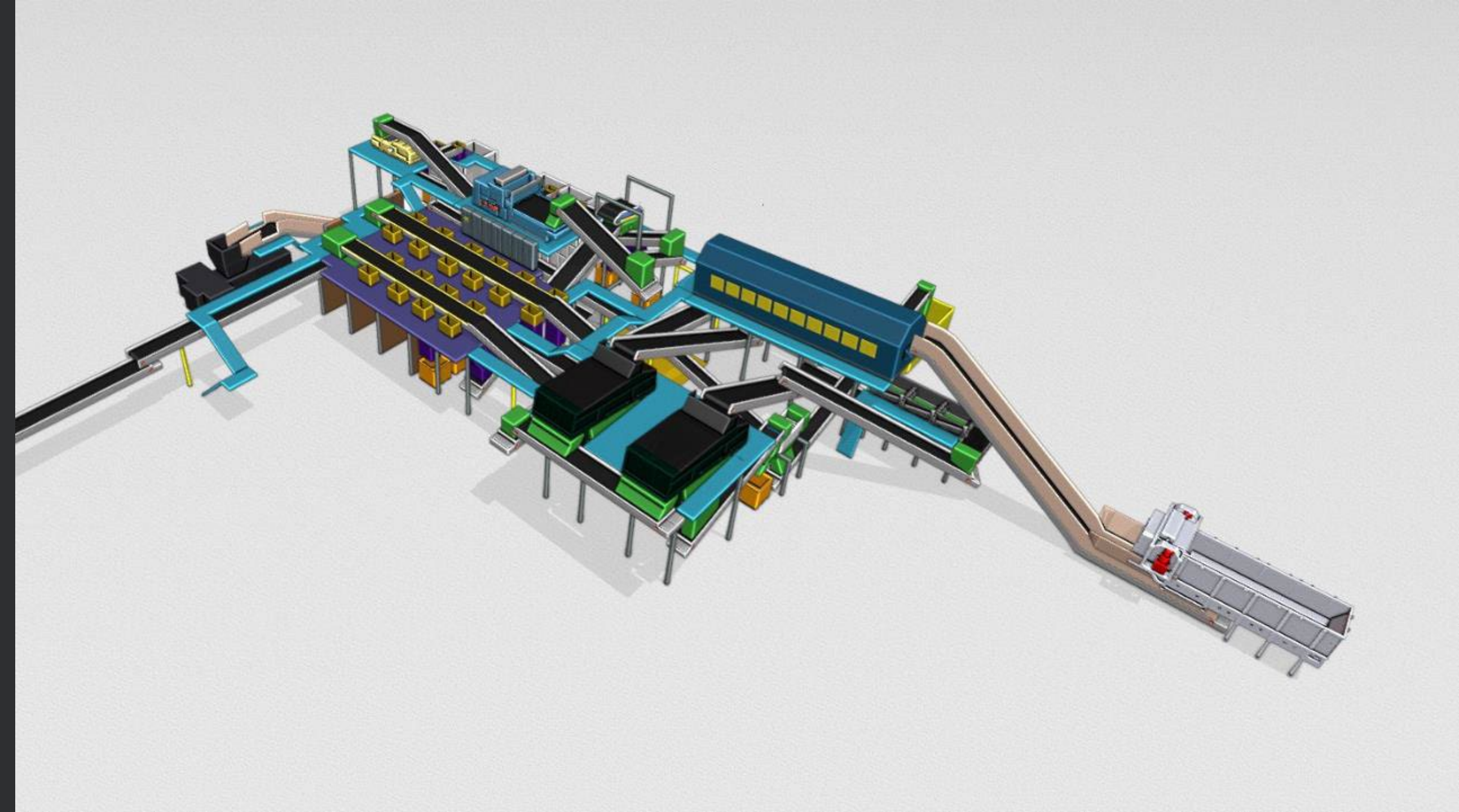
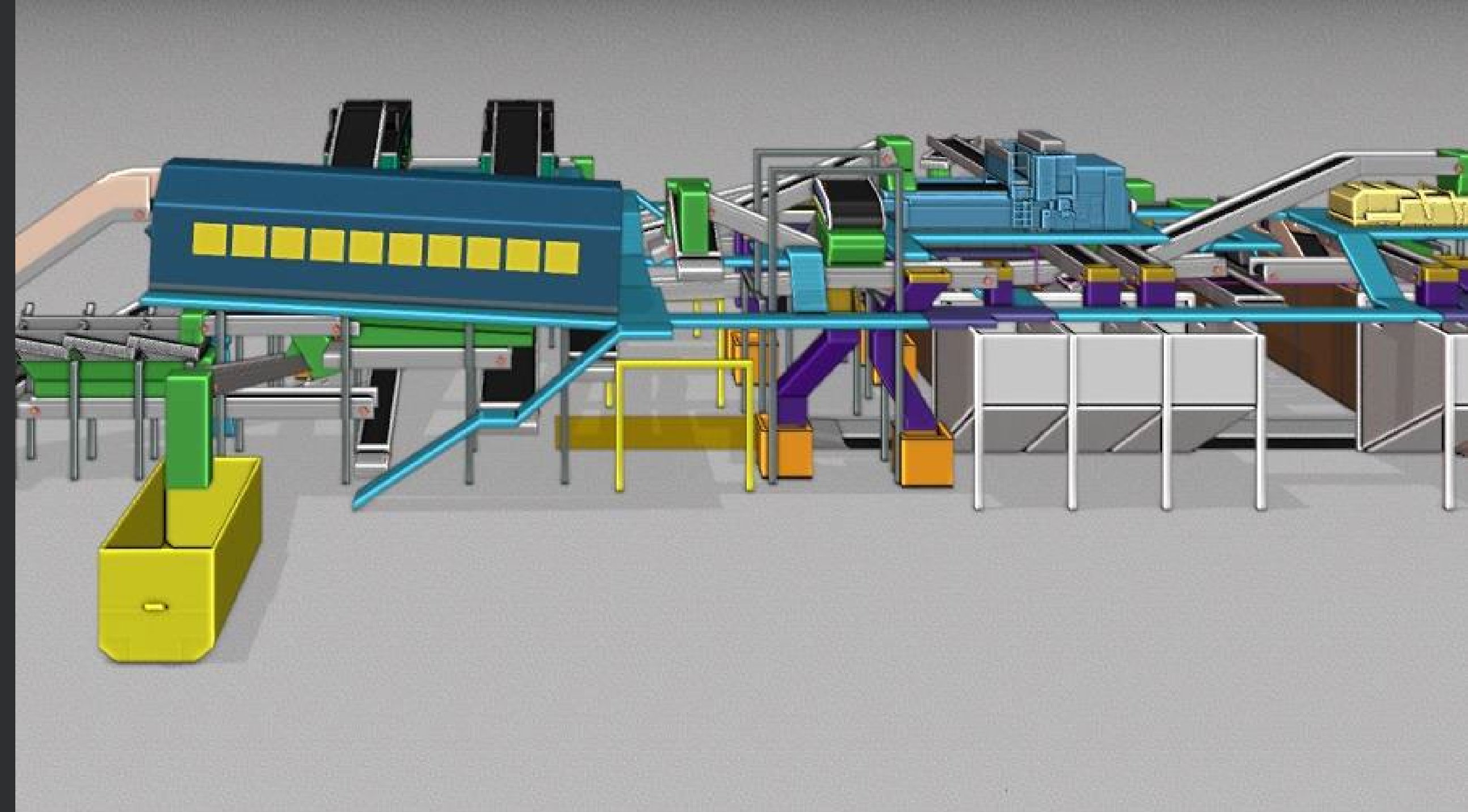


Case Study 2

Sorting plant for MSW and Commingled waste

Scope of services:

- Project documentation review
- Process flowchart development consulting
- Feasibility studies
- Basic engineering
- Equipment list
- Visualisations



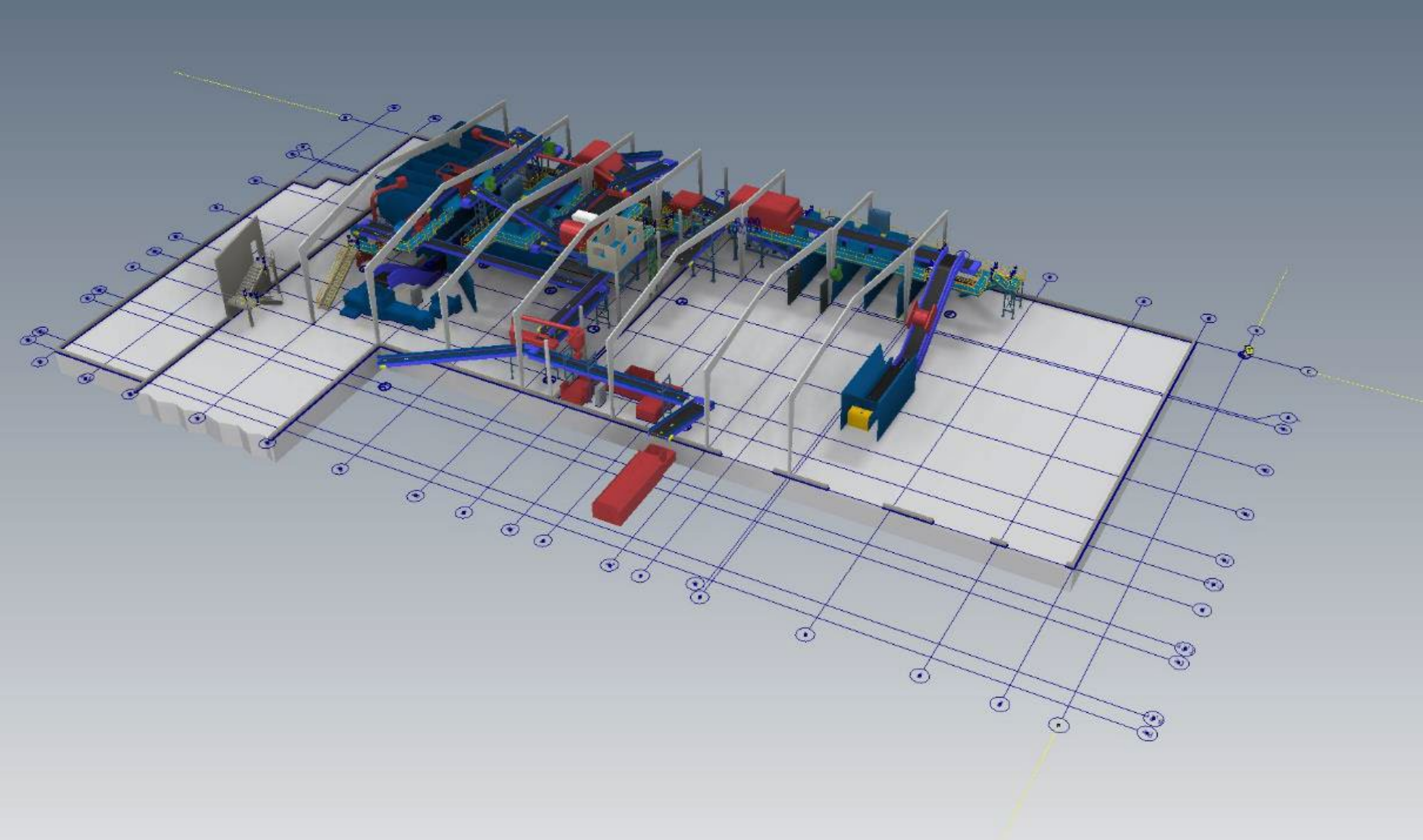
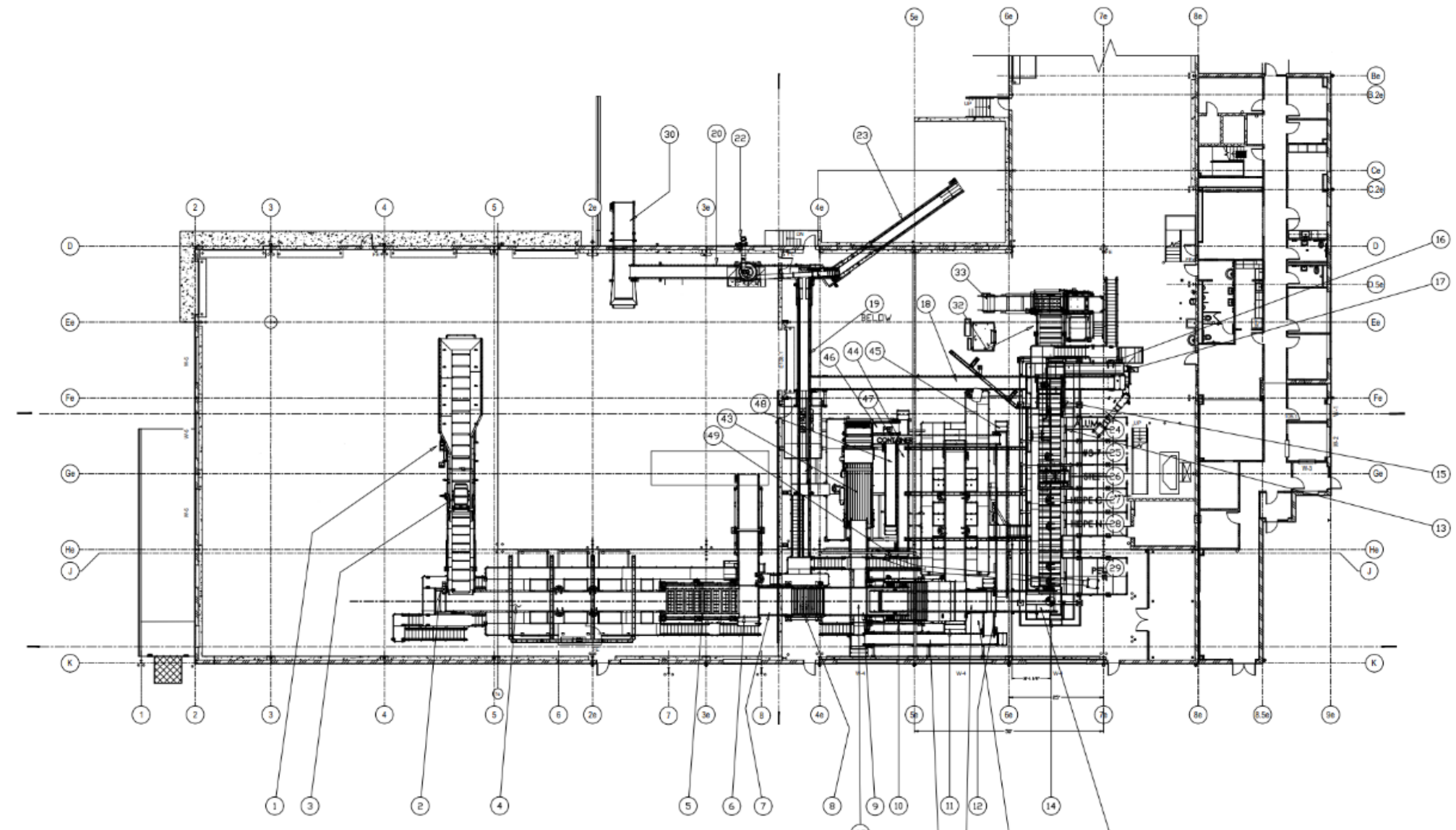


Case Study 3

Reverse Engineering

Scope of services:

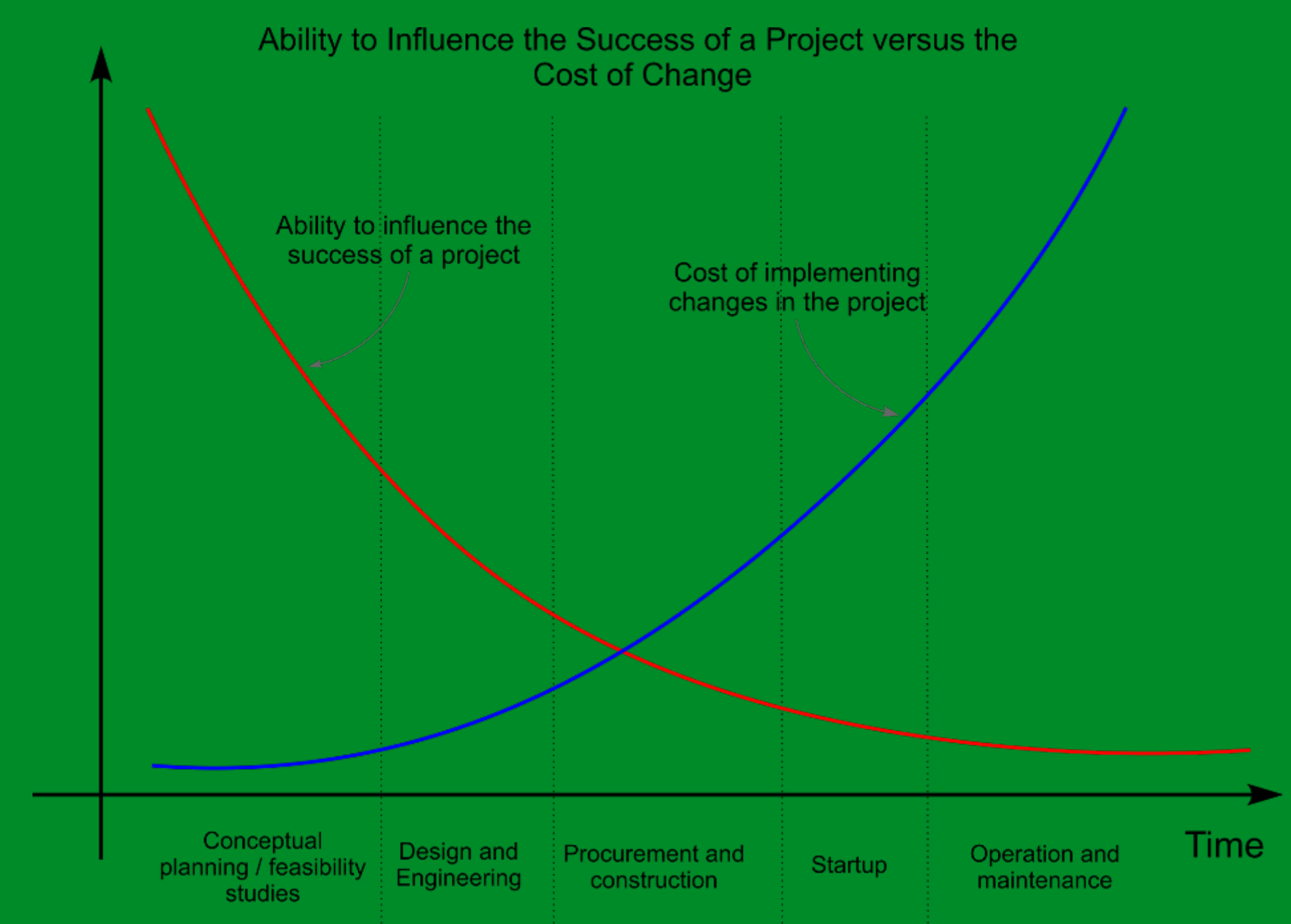
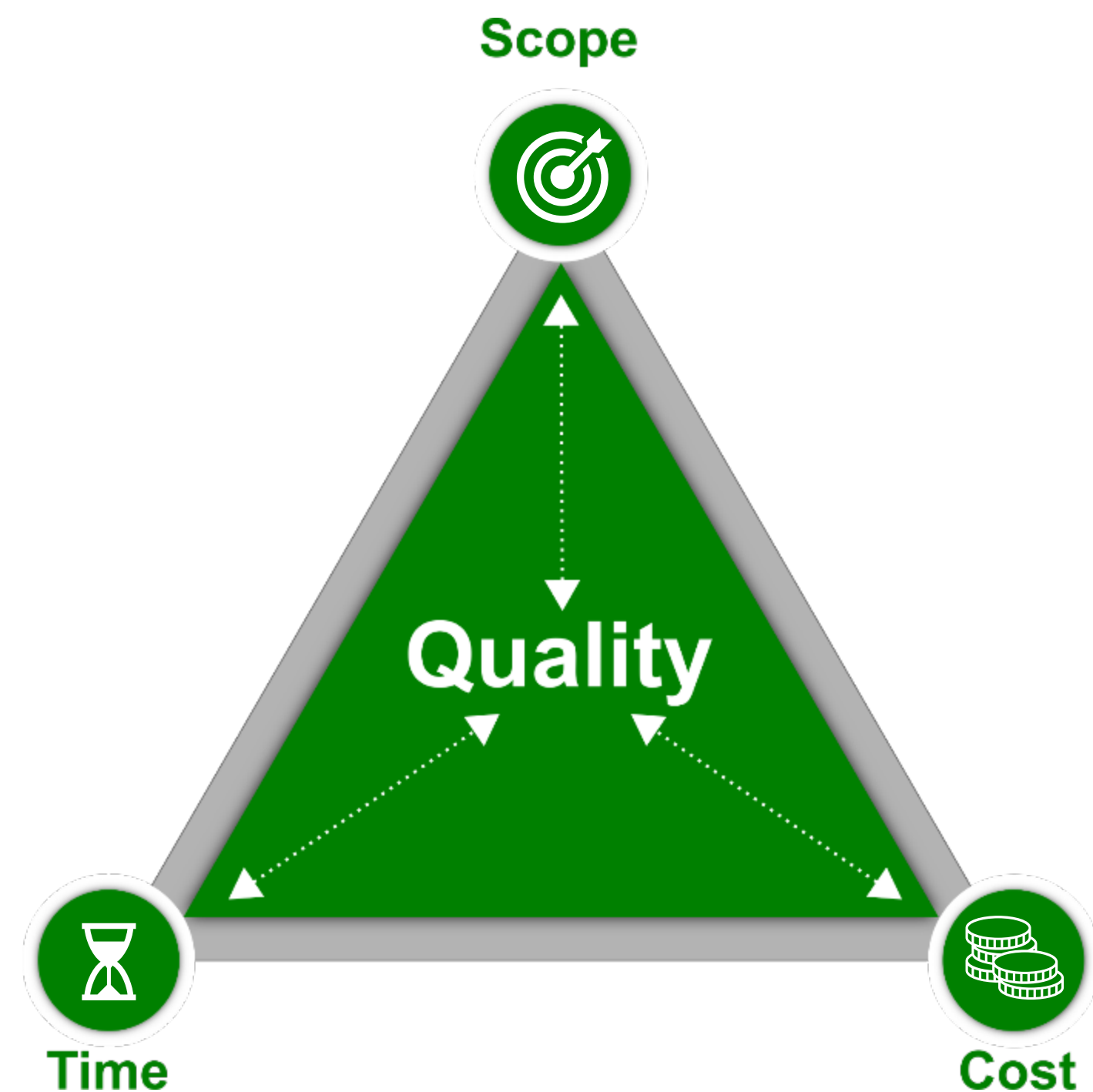
- Project documentation review
- Project data structure
- As-Built flowchart
- Reverse Engineering 2D PDF -> 3D CAD
- As-Built drawings
- Equipment list
- Visualisations





Your benefit

Our Engineering, Consulting and Digitalisation services benefit our clients by reducing response times, increasing quality, saving costs, gaining insights into the latest technologies and creating faster turn-around time on projects.



- 01 Specialized skills
- 02 Experiences and intelligent advices
- 03 A fresh outside perspective
- 04 Innovation
- 05 Flexibility
- 06 Reliability



Thank you!



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