



# (RE-)DESIGN WAREHOUSE FEASIBILITY STUDY

Every organization is constantly striving for the most efficient, responsive and reliable logistics processes. Groenewout provides state-of-the-art logistics analysis, design and implementation support to integrate the optimal warehouse layout, logistics capabilities and technological advancements in your warehouse.

4-6  
weeks

## 'As-is' mapping

- Map 'as-is' warehouse activities & processes
- Gather data & information needed for the design phase
- Quantify current operations, including goods flow dimensions & goods flow patterns
- Quantify dominant material flows
- Analyze current location types, order profiles & SKUs
- Analyze the relation between article groups and component lists
- Map current FTE requirements & operational costs
- Compile a basic data document and validate findings

4  
weeks

## Logistics concept assessment

- Functional descriptions on a set of alternative storage operations and pick/pack/ship activities
- Evaluate alternatives in terms of:
  - Storage & process capacity
  - Investments in buildings, technical installations, MHE equipment
  - Operational costs
  - FTE requirements
  - Reliability
  - Flexibility
  - Scalability (growth projection)
- Project growth expectation onto current situation to estimate future costs

2  
weeks

## Conceptual design of warehouse operation

- Conclude the layout design detailed in terms of:
  - Operational processes & system requirements
  - Storage systems & material handling equipment
  - Buildings & installations
  - Assessment of suitable automating systems
  - Investments, operational costs and FTEs ( $\pm 10\%$ )
  - 2D CAD drawings
  - ROI
- Automod 3D capacity simulations
- Implementation strategy

4  
weeks

## Develop and secure detailed functional designs

- Description of the number one scenario on network footprint, logistics processes, (storage) systems, material handling equipment, number of required FTEs and estimated investments
- Estimation of the investments, social costs, transition costs and tax implications
- Calculate return on investment (ROI), net present value (NPV)
- Define new customer service and lead-time performances
- Implementation schedule

SOME OF OUR CLIENTS

*E-commerce*



LOAVIES



*Food & Beverages*



Givaudan



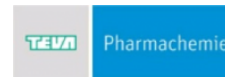
*Fashion & Apparel*



*Healthcare*



stryker



*Retail*

blokker.



*Many Other Industries*



KAEMINGK  
*season decorations*



Groenewout

Claudius Prinsenlaan 132a  
Gebouw B  
4818 CP Breda  
The Netherlands

T: +31 76 5330440  
E: mail@groenewout.com  
W: www.groenewout.com