

Your LabGuru from start to finish

Laboratory Design & Engineering (3D and 4D)

Projectmanagement & Planning

Tender Guidance & Purchase Support



3D
BIM compliant

Our unique Approach

You need a Laboratory? New? Re-design?

Labs31 developed the Laboratory Design Canvas as a result of many years of designing and engineering laboratories all over the world.

Even if you are an experienced Lab Manager, Facility Manager, Engineer or Project Manager. Building or renovating a laboratory is not something you do daily. It is a complex process and we can support, consult and unburden you all the way.



The outcome, always a 3D Laboratory Design

In the Design and Engineering phase, we use our BIM Autodesk Revit skills to present you with the laboratory design in the most user-friendly way. BIM modelling is saving time and saving cost (up to 30%) during the engineering and the realization processes as well! We Dutchies like to be modest, but we can honestly say we are International front runners in this approach of laboratory design.

Adding the 4D dimension, and a Walk-through

We integrate all essential operational aspects into the design: used equipment, calculations of heat load and power consumption, and compliance with all safety criteria and national laboratory standards. We also generate an interactive walk-through of the full design.

Always a Workshop start

The first step in data collection is an interactive design workshop with all stakeholders involved and having some fun! Using the laboratory design canvas and other design thinking canvasses, we collect all design criteria for your laboratory, in different kind of ways.

Workshop impressions



Experience & Knowledge

How can we help you to get the most out of your laboratory?

- ✓ We have over twenty-five years of experience with International and National Laboratory Projects
- ✓ We designed and engineered laboratories from 30 m² (start-ups) to 12.000 m² (big university)
- ✓ We know all about laboratories and consider ourselves as experts who can help you in many possible ways
- ✓ Many clients told us how outstanding we are in 3D and 4D laboratory design and engineering. We are fully BIM compliant
- ✓ We can also help you optimizing your laboratory or help you with digitization issues
- ✓ Our approach. We created the Laboratory Design Canvas. A unique structured process approach in laboratory design and engineering
- ✓ Connecting the Dots: Labs31's approach is connecting architects, sub- contractors, installation- and HVAC companies and the complete portfolio of suppliers



Design Project Example

Our lab designs and renders are always included with equipment and utilities



Relocating your laboratory?

Plans in moving your laboratory to a new location? Five steps we can guide you

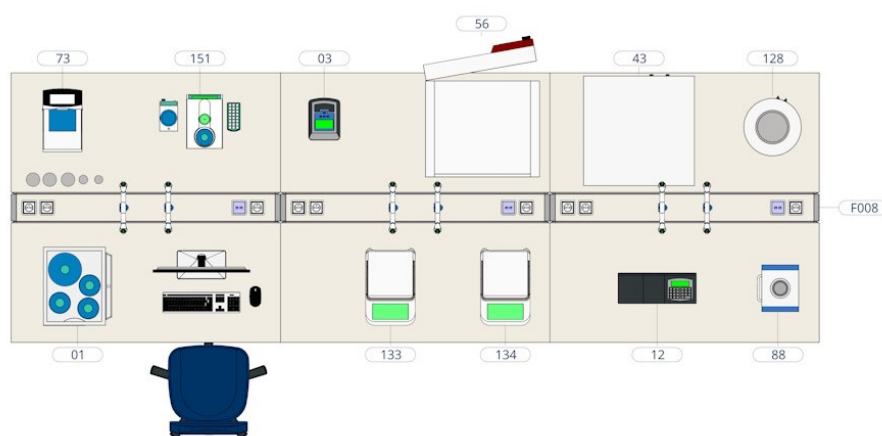
In the dynamic world of science and technology, change is a constant factor. Whether due to growth, technological advances, or simply the desire for a fresh start, there may come a time when you consider relocating your laboratory. But moving a lab isn't an everyday task. Not even for an experienced lab manager.

Step 1. Mapping the Current Situation

The foundation of any successful move is a thorough understanding of the current state. We analyze your existing lab space down to the relevant detail level. Every relevant instrument, piece of furniture, utility is noted and modeled.

Step 2. Clear and efficient coding

Once we have a detailed picture of your current lab, we move to a coding system. This system ensures that every item, no matter how small or large, has a specific place and priority. This facilitates a smooth and structured move without anything getting lost or damaged.



Equipment		
Location	Item	Description
Main Laboratory		
F008	01	Desktop Computer
F008	01	HPLC 1100 Series
F008	03	Conductivity Meter
F008	12	Colour Analyzer
F008	43	Hot Plate
F008	56	Oven
F008	73	Analytical Balance
F008	73	Calibration Weights
F008	88	Bulk Density Tester
F008	128	Heating Mantle 2 Liter
F008	133	PCR
F008	134	PCR
F008	151	KF Titration

Step 3. Assessing the New Location

Step 4. Crafting a Thoughtful Relocation Plan

Step 5. Guidance throughout the process

Projects & Industries

Active sectors & industries

- Biotech & Life Science
- Agrofood
- Polymers (Plastics)
- Chemical
- Energy, Oil and Gas
- Universities
- Research & Development
- Hospitals, Medical
- Pharmaceutical
- Geo Science
- Water Laboratories
- Steel

Recent reference projects



Netherlands Food and Consumer
Product Safety Authority
Ministry of Agriculture,
Nature and Food Quality



Shell



innocent



Battolyser Systems

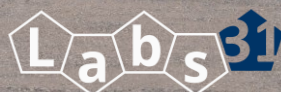
Can we talk about your challenges?



Let's grab a coffee together



Let us get acquainted and talk about your challenges, looking for the best possible solution for you and your company. We can help you with Consultancy, Project management and Laboratory Tender solutions.



Labs31 BV Headoffice van Nelle Fabriek | Building 3 | Floor 2 | Office Koffie 2.30
van Nelleweg 1 | 3044 BC | Rotterdam | The Netherlands

www.labs31.com | global@labs31.com | +31(0)85 877 0279