

8 typical questions

by simulation beginners

**...and our answers from
practical experience**

www.simplan.de



How long does a simulation project take?

Between two weeks and several months, depending on the scope, data available and objectives.

A simple layout model can be created in a few days, while complex analyses take longer.

Do I need prior knowledge of simulation?

No – you do not need any prior knowledge to work on projects with SimPlan. You provide data and expertise on your processes, and we take care of modelling and evaluation.

Practical training courses are available for those who wish to do their own modelling.

What data do I need?

Fundamental: layout, process descriptions, times, quantities, capacities.

A real-time connection is not necessary, but the more accurate the data, the more meaningful the results.

How much does a simulation project cost?

The costs depend heavily on the scope of the project, the data available and the objective.

- Small projects: approx. €5,000–15,000
- Medium-sized projects: €15,000–40,000
- Large projects: €40,000

The clearer the question and the better the data, the more efficiently the project can be implemented.

What software is used?

Depending on the project, we use tools such as Plant Simulation, AnyLogic, Simio or Emulate3D, depending on the application, your requirements or existing systems.

The tools are selected independently of the manufacturer.

How does a project work?

Typical process:

- Definition of objectives
- Data review
- Model development
- Validation
- Evaluation & presentation

Agile, transparent and always in close consultation with the project partners.

Can we reuse the model ourselves later on?

Yes, upon request, you will receive the model including documentation, training and usage rights.

During development, we ensure that it is structured in a clear manner and can also be further processed by internal teams.

Many customers later use the model for:

- Process variants
- Training new employees
- Regular re-analyses

This significantly increases the long-term benefit of the investment.

When is simulation worthwhile?

Simulation is worthwhile when decisions need to be made based on data rather than gut feeling.

Typical applications:

- Securing investments
- Improving processes
- Comparing variants
- Testing changes risk-free

Particularly helpful for complex processes, numerous variants or scarce resources.

Conclusion

Simulation is not an end in itself, but a tool for informed decision-making.

It makes complex processes visible and comprehensible, especially for beginners. With clear goals, realistic questions and practical implementation, you will quickly benefit from meaningful results.

Whether for investments, optimisation or variant comparison, simulation helps to avoid risks and identify potential.



**Any further questions?
You can find answers,
videos and practical
examples here:**

SimPlan Blog

SimPlan Youtube Channel



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