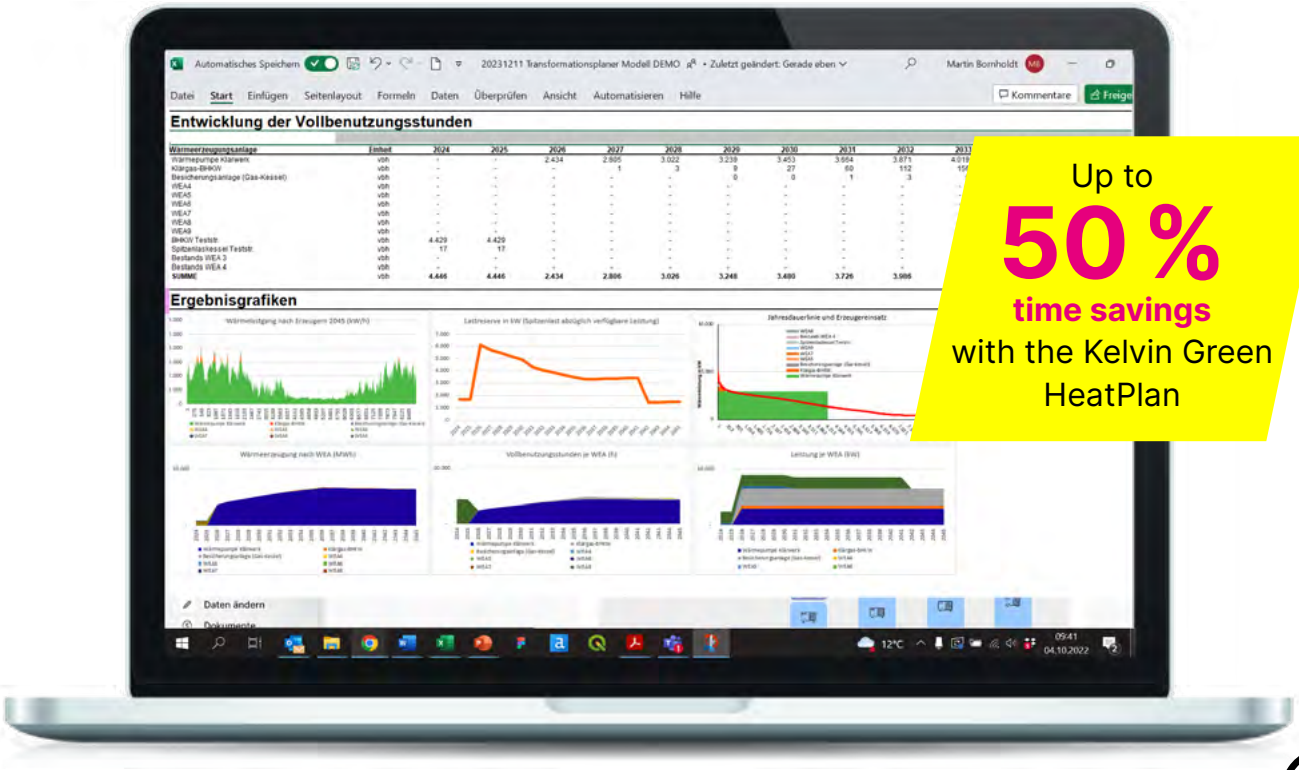
Quickly and efficiently to your sustainable heating network concept

KELVIN GREEN

HeatPlan



Up to **50 %** **time savings** with the Kelvin Green HeatPlan

Transformation plans and feasibility studies for heating networks...

...are your ticket to **lucrative BEW investment and operating cost subsidies** – and will be mandatory by 2026 anyway. We show you how to do this efficiently and securely...

The Kelvin Green HeatPlan saves you time, money and stress before things get complicated. And the Excel-based tool provides certainty in uncertain times.

We have already prepared something for you...

At a glance:

Quickly and efficiently draw up a **BEW-compliant transformation plan or feasibility study and secure government funding for the new sustainable heating network.**

Ideal for sales planning, variant and scenario analyses, business case calculations, BEW-compliant transformation plans and feasibility studies.

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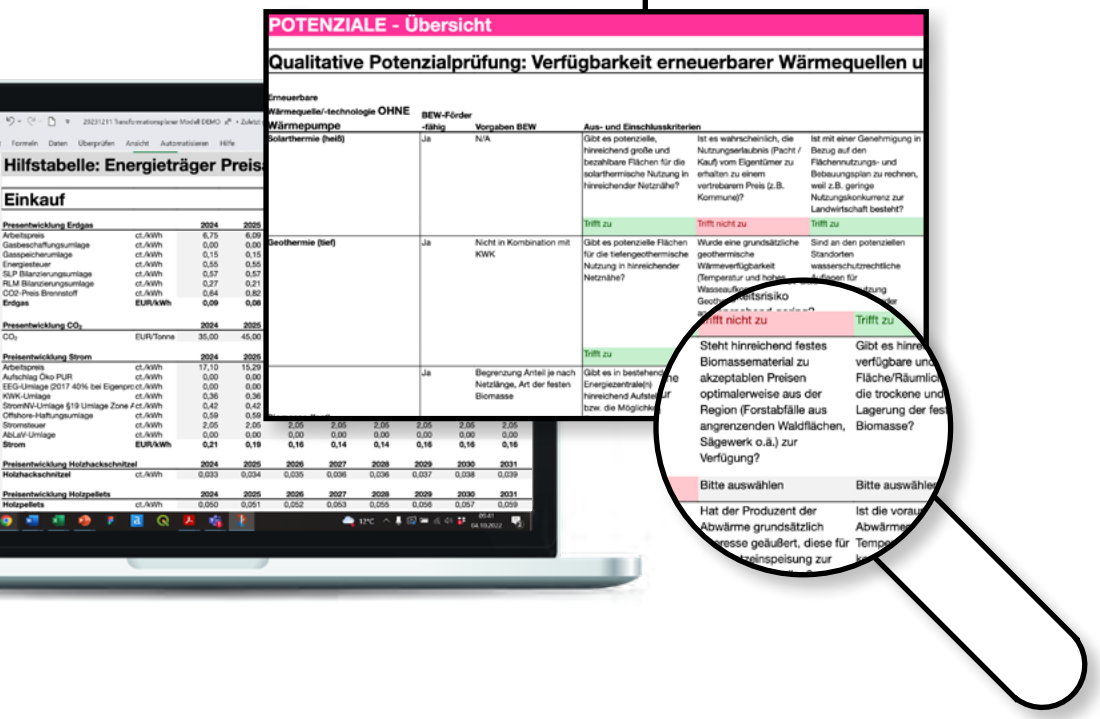

1

Efficiency

Only a few details need to be entered thanks to the extensive data set of prepared standard values and stored calculations. This saves you up to 50 percent of the time and effort, which you can better invest in addressing anchor customers, securing space and content-related conceptual work.

2

Safety

When planning a heating network, everything is interconnected: demand, routes, generation and, of course, the resulting business case.

With just a few clicks, you can simulate different scenarios and variants to quickly arrive at the optimal heating network concept.

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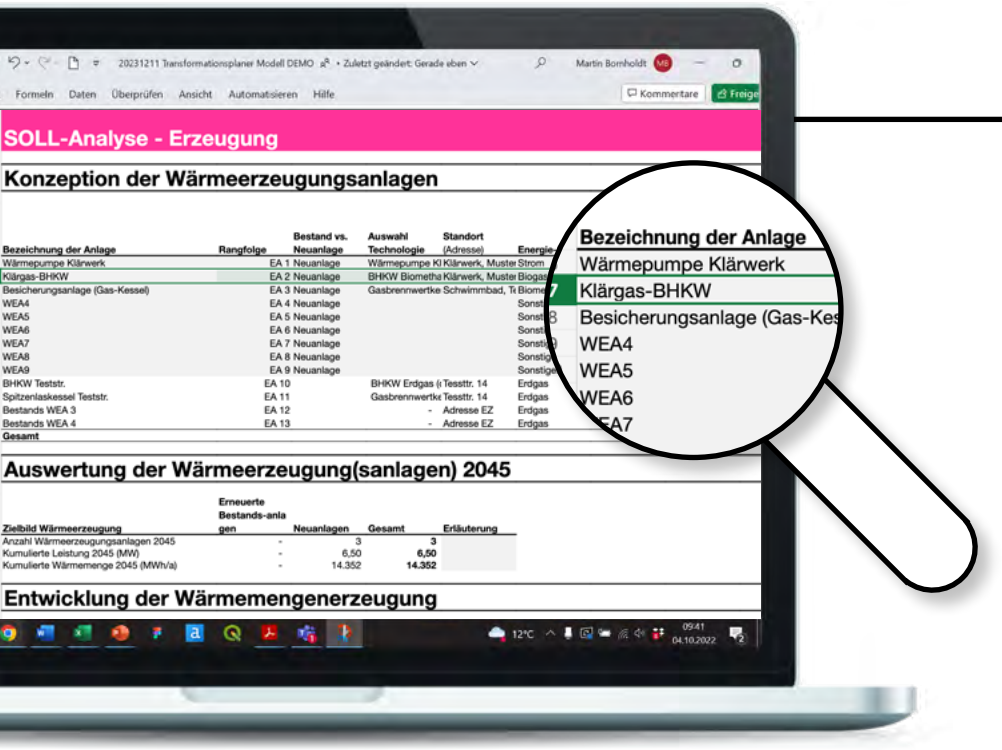


3

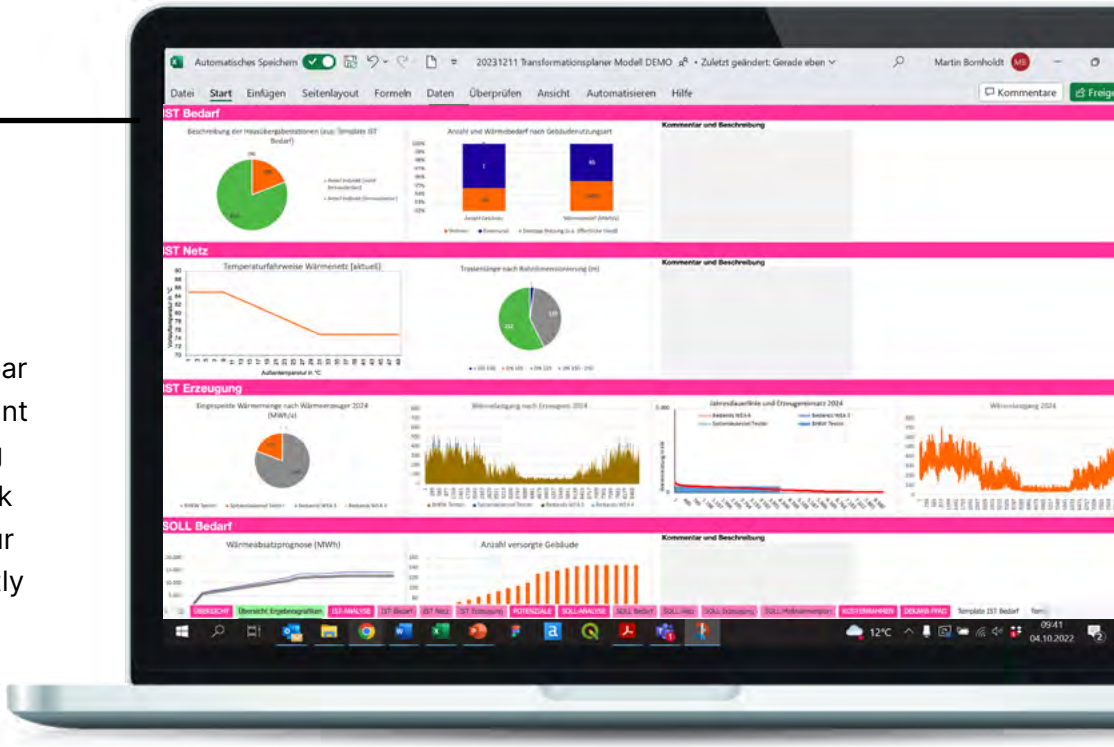
Flexibility

When it comes to heat planning, nothing is more constant than change. Adapt quickly and easily to changes in the concept and assumptions – both during the course of the project and in the years to come.

4

Order & structure

Security thanks to standardised and proven processes, clear structures and constant order. All data relating to the heating network project remains in your hands and permanently in one place.



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Your benefits at a glance

- **Saves time:** Up to 50% time savings for creating the formal transformation plan, which can be used more effectively, e.g. for addressing key customers.
- **Reduces risk:** High probability of funding thanks to BEW compliance and complete control over your own data.
- **Saves hassle:** Systematic and orderly, as all team members can work together on a uniform transformation plan.
- **Saves money:** Independently run through numerous variants and scenarios with little effort and check them for economic efficiency.
- **Creates flexibility:** Automatic updates and recalculations after every change.
- **Creates transparency:** Clearly structured overview and transparent assumptions and calculations thanks to Excel, combined with numerous automatically generated graphics.
- **Creates a foundation for the next steps:** Sales planning, pricing, BEW funding applications modules 2 to 4, etc.

And, of course, we also offer the creation of transformation plans and feasibility studies from a single source as a consulting service. We use the tool for productive collaboration and transparency.

Sounds good?

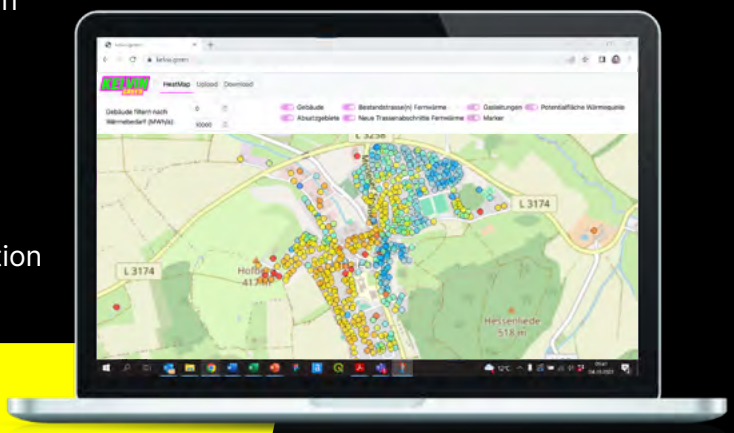
Then arrange a **free, no-obligation introductory appointment** today at **www.kelvin.green** or send an email to **martin.bornholdt@kelvin.green.** We look forward to meeting you.

"Thanks to the Kelvin Green team and their Kelvin Green HeatPlan, we were able to put together a consistent and subsidy-compliant transformation plan extremely efficiently and at short notice when time was of the essence. And, of course, there were always new insights and requirements during the project, which we were able to map in the HeatPlan and in the business case calculation with just a few clicks. That was convincing, and we are now also using the Kelvin Green HeatPlan in other heating network projects." ***Susanne Heckelmann***, project manager heat, Badenova WÄRMEPLUS GmbH

Now you can design and visualise a clear allocation of buildings and route section options for your sustainable district heating network:

With the ***Kelvin Green HeatMap***

you have all the data you need for the transformation planner at your fingertips.



Find out more at:
www.kelvin.green/transformation

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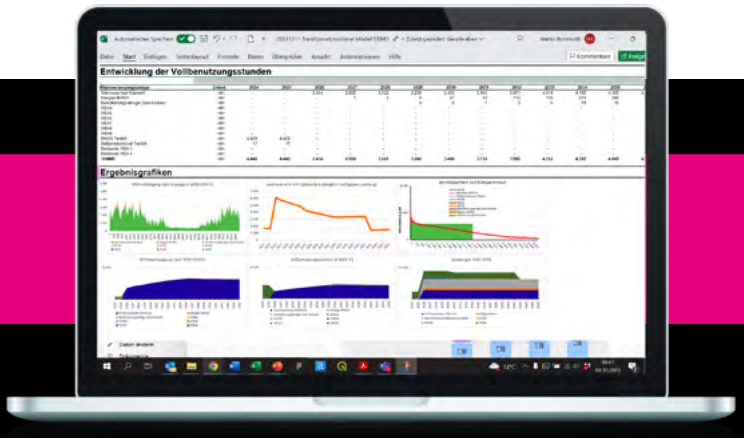
Feature overview

- Holistic model of the transformation plan or feasibility study, in which all interrelated data is dynamically linked.
- Presentation along the process steps in accordance with BEW requirements (actual analysis, potential assessment, target analysis, action plan, cost framework, decarbonisation path, citizen participation).
- All necessary and optional input parameters are visually highlighted, thus reducing the number of essential inputs.
- Standardised templates for recording large amounts of data with an interface to Kelvin Green's HeatMap (if desired).
- Clear dashboard with informative infographics for the final report and internal and external communication.
- Dynamic heat sales forecasts and route expansion.
- Heat load curves up to 2045 for each heat generator (in fixed order of wind turbines).
- Comprehensive, dynamic business case that links all data from heat demand (buildings), the network in its expansion stages and the generation plants (including automatic BEW investment and operating cost subsidy forecast).
- Automatic estimation of the pipe network dimensioning of each route section (based on a unique predecessor) for simple radial networks.
- Stored standard values for annual energy price forecasts, route costs, simultaneities, etc., which can be individually adjusted as required.
- Productive teamwork through access via Microsoft Sharepoint.



Kelvin Green HeatPlan –
Quickly and efficiently to the optimal green heating network concept