

PROJECT PLANNING FOR GREEN ENERGY CONVERSION.

We accompany you on the path of integration of the pyrolysis CHP Pyro-ClinX for waste utilization, energy conversion & biochar production.



Project phase
2 from 3



GRÜNDUNGSPREIS
BRANDENBURG 2024

KFW
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INNOVATIONSPREIS
BERLIN BRANDENBURG

PROJECT PLANNING FOR SUSTAINABLE ENERGY SYSTEMS: YOUR PATH TO AN EFFICIENT SOLUTION!

Why project planning with pyropower GmbH is crucial:

Project planning is the key to the successful implementation of modern energy systems. With our extensive expertise in technical design, systematic analysis and innovative development, we offer customized solutions that are tailored to your needs. Our aim is not only to design sustainable and economical systems, but also to guarantee you smooth implementation and long-term efficiency.

#LETSGETGREEN

We look forward to
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PYROLYZE EFFICIENTLY. SMART CONVERSION TO ELECTRICITY. DECARBONIZE SUSTAINABLY.



OUR SERVICES AT A GLANCE:

ELECTRICAL PLANNING AND FEED-IN MANAGEMENT

Our electrical planning ensures a future-proof infrastructure:

- » Optimized circuit diagrams: Adapted protection concepts and cable cross-section calculations.
- » Documentation: material lists, assembly plans and production documents for control cabinets, sensors and actuators.
- » Long-term energy efficiency: Planning with a focus on sustainable performance.

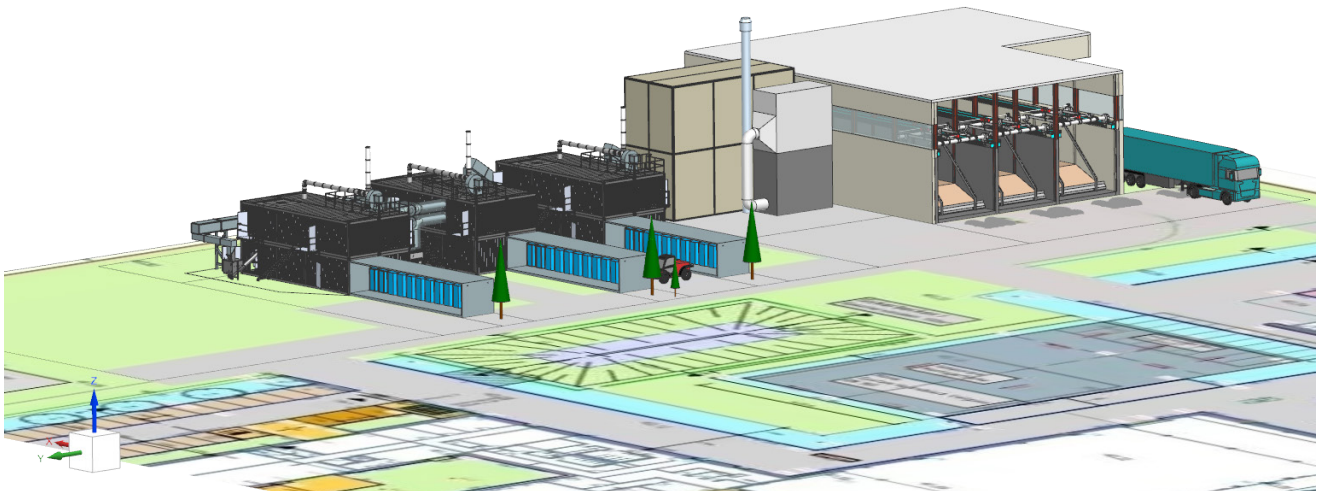
1

CONCEPTION OF SUSTAINABLE ENERGY SYSTEMS

Our concepts combine economic efficiency and environmental compatibility:

- » Efficiency and climate protection: planning CO₂-reduced energy systems with optimal use of resources.
- » Site-specific solutions: Customized systems for different industries and requirements.

2



PREPARATION OF THE DETAILED PROJECT PLANNING REPORT

We document all project planning phases in detail and transparent for you at all times:

- » Analysis and results: Precise documentation of technical specifications, risk analyses and design results.
- » Provision of documents: output in *.dwg, *.pdf and *.step format for optimal further processing.
- » Clear basis for decision-making: structured reports make it easier to plan the next project phases.

3

SYSTEM DESIGN AND CONSTRUCTION

From the first sketch to CE certification, we cover all design phases:

- » Technical specifications and requirement specifications: Define the project scope precisely.
- » Subsystem integration: media routing, automation, control, sensors and actuators - seamlessly integrated into the overall system.
- » Detailed design: consideration of service provider input, risk analyses and standards.
- » Documents: drawings, parts lists and technical data sheets - all prepared for final implementation.

4

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THE PERFECT MATCH: YOUR PROJECT - OUR SOLUTIONS.



Companies from the industry

Manufacturing companies that want to make energy-intensive processes more sustainable. Companies that want to benefit from a decentralized energy supply.



Energy and environmental authorities

Organizations that promote the switch to CO₂-neutral technologies. Authorities that develop innovative energy systems for public facilities want to implement.



Service providers and planning offices

Companies looking for technical partners for specific project phases. Specialists who require additional expertise in design and planning.



**CUSTOMIZED
DESIGN**



**FOCUS ON EFFICIENCY
AND QUALITY**



**OPTIONAL:
POWER GENERATION SYSTEM**



We offer solutions that combine sustainability and efficiency to meet the requirements of the energy future. Our technologies and services are characterized by maximum precision, innovative strength and environmental compatibility.

With extensive experience in the planning and implementation of complex projects, we support our customers from the initial idea to the final implementation. We attach particular importance to close cooperation in order to take individual requirements into account and develop customized systems. By using state-of-the-art technologies, we create energy solutions that are not only economical but also future-proof.

Our expertise includes the detailed planning, construction and integration of energy systems designed to maximize efficiency and minimize environmental impact. Thanks to innovative approaches and comprehensive analyses, we ensure the long-term performance and profitability of the implemented projects. From the development of technical specifications to the provision of all relevant documentation, we deliver everything needed for successful implementation. With transparency and precision, we create solutions that

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YOUR BENEFITS FROM OUR EXPERTISE

By choosing pyropower GmbH, you are choosing a partner that uniquely combines technological innovation, economic efficiency and environmental responsibility. Our aim is to work with you to develop solutions that not only meet the challenges of the present, but also ensure a sustainable future in the long term. **Your advantages at a glance:**

Cost optimization

Our customized solutions are designed to reduce your energy costs in the long term. By using innovative technologies and sustainable concepts, we create systems that ideally combine economic efficiency and resource conservation.

Future security

We plan all projects with a clear focus on current and future regulatory requirements. In this way, we ensure that your systems not only meet the highest standards today, but can also be operated sustainably in the future.

Turnkey handover

Our comprehensive service includes the provision of all necessary documentation, including technical drawings, specifications and installation documents. These documents are fully prepared so that your systems can be implemented immediately and smoothly.

Maximum transparency

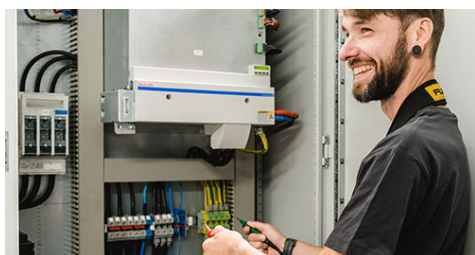
During each project phase, we provide clear and regular updates to keep you informed of progress. Our detailed documentation ensures that you retain full control and an overview of all processes at all times.



WE LOOK FORWARD TO YOUR PROJECT

Start your project for a sustainable and efficient energy future now with #TEAMGREENENERGY from pyropower GmbH! Visit our website to find out more about our services and technologies.

For a personal consultation, please call us on +49 (0) 355 866 870 82 or send an e-mail to info@pyro-power.com. Let's discuss your individual requirements together and develop customized solutions. Contact us today - we look forward to hearing from you!



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