

GP JOULE CONNECT

system house for new mobility



AGENDA

- **GP JOULE CONNECT**
- **FOCUS MARKETS**
- **CORE SKILLS**
- **TEAM**
- **REFERENCES**

COMPANY PROFILE

authentic · in partnership · on eye level

100 % RENEWABLE

photovoltaic 2 MW

biogas plant

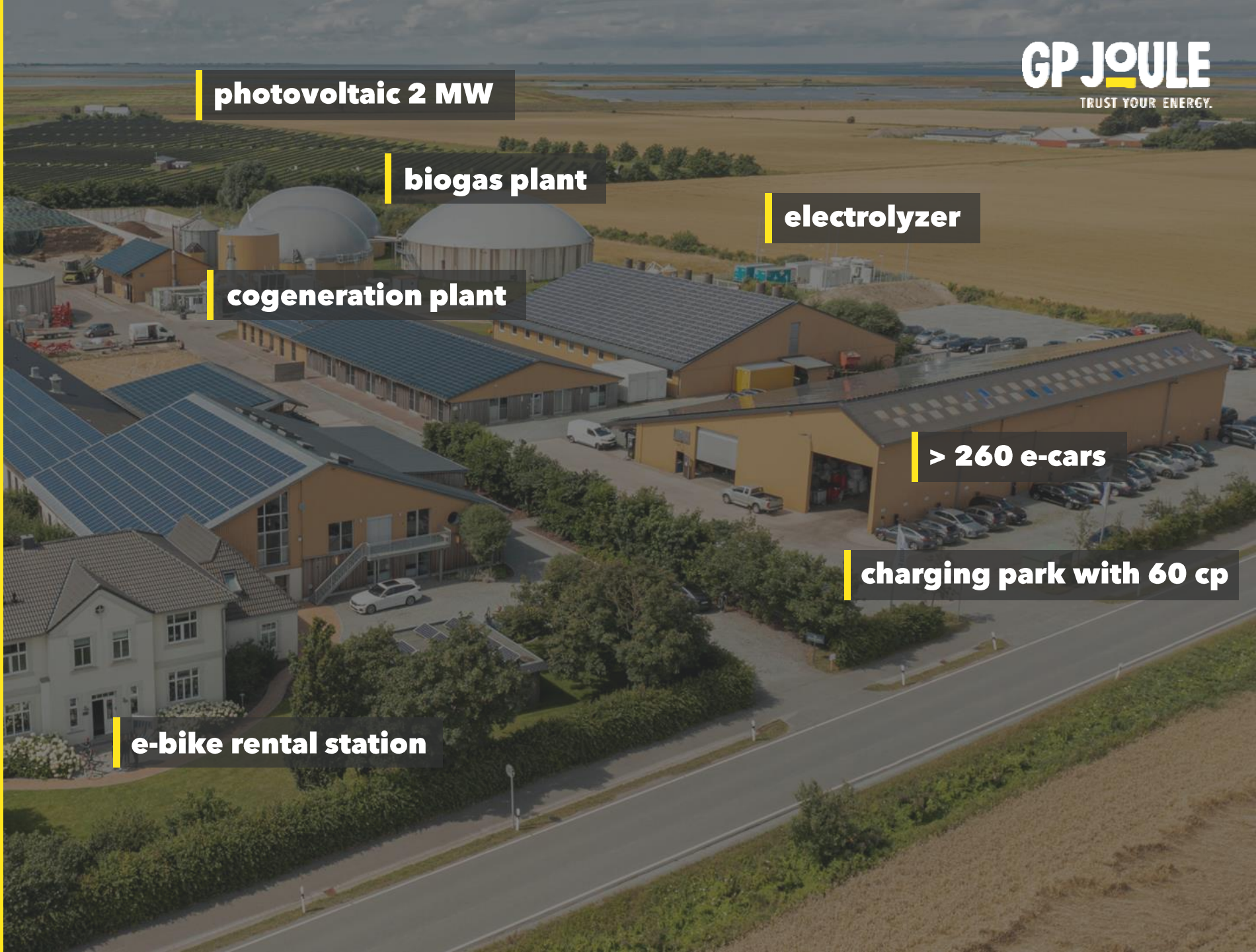
electrolyzer

cogeneration plant

> 260 e-cars

charging park with 60 cp

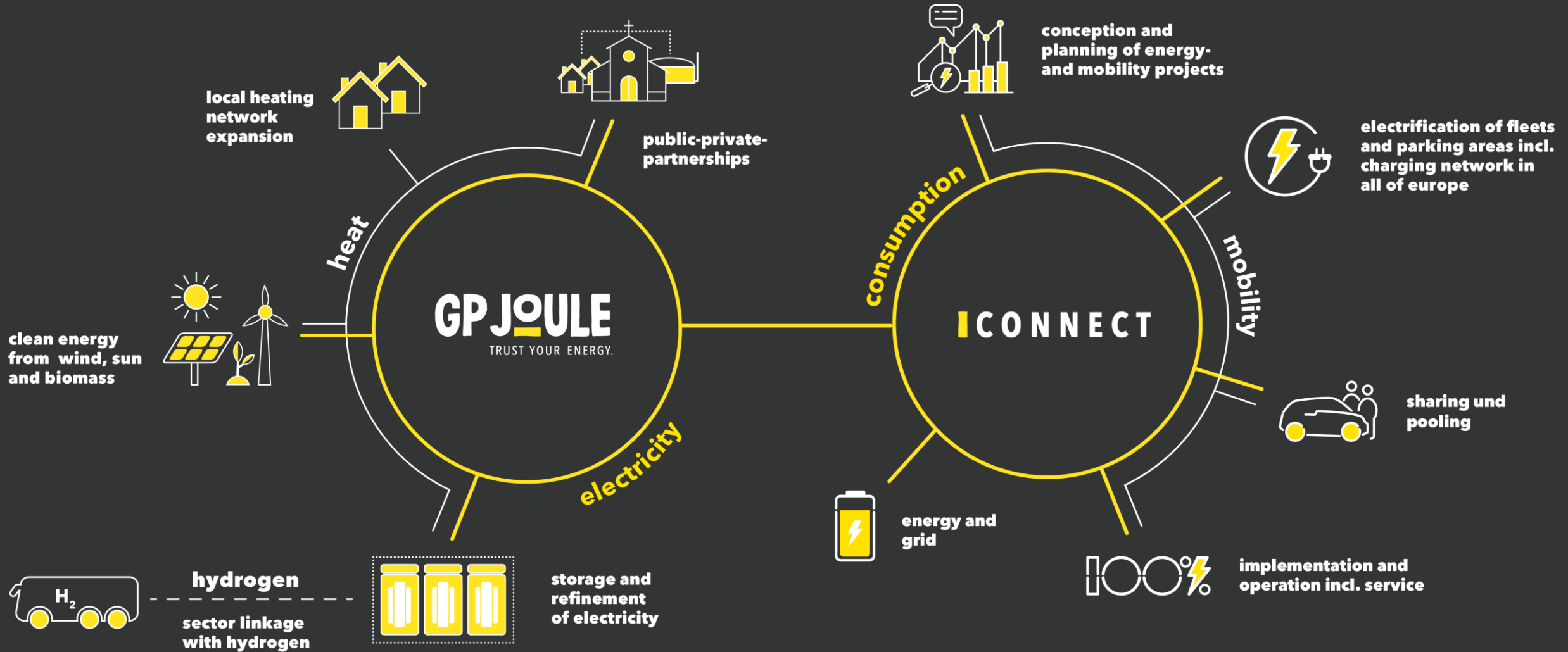
e-bike rental station





GP JOULE GOES AHEAD BEING A GOOD EXAMPLE

CONNECT - 360° PORTFOLIO NEW MOBILITY



IN NUMBERS

160
employees

REUSSENKÖGE

LÜBECK

HAMBURG

BERLIN

6
locations

4.500
charging-cards



FRANKFURT

>50
simulation projects

>670
mobility projects

AUGSBURG

**We ensure the
successful
implementation**

**... of projects in the
new mobility.**



FOCUS MARKETS

business · to · business

FOCUS MARKETS



**FLEET
OPERATORS**



**REAL ESTATE
SECTOR**



**TRANSPORT
SERVICES**



AUTOMOTIVE



**INFRASTRUCTURE
OPERATORS**



**GAS STATION
OPERATORS**



CHARGING HUB



**ENERGY
PROVIDERS**

FOCUS MARKETS



**FLEET
OPERATORS**



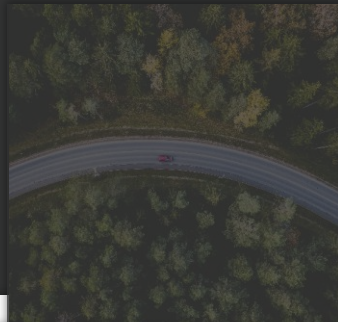
**REAL ESTATE
SECTOR**



**TRANSPORT
SERVICES**



AUTOMOTIVE



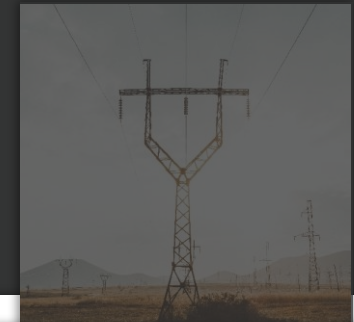
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OPERATORS**



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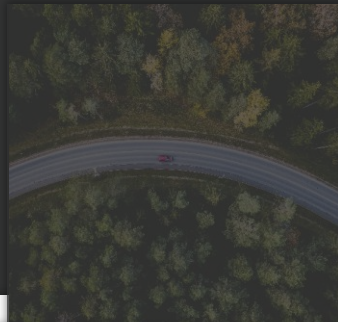
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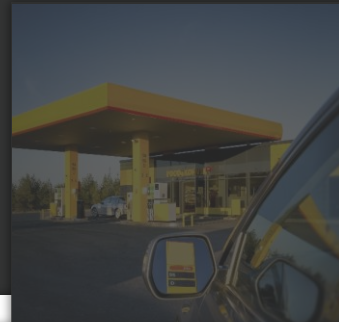
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AUTOMOTIVE



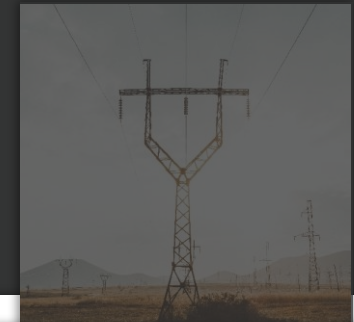
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**GAS STATION
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CHARGING HUB

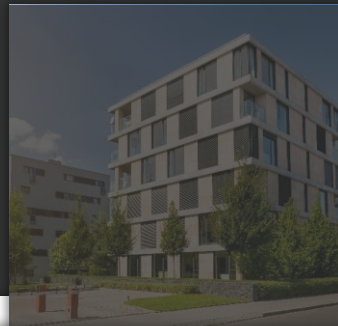


**ENERGY
PROVIDERS**

FOCUS MARKETS



**FLEET
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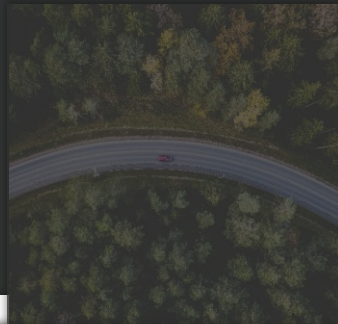
**REAL ESTATE
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**TRANSPORT
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AUTOMOTIVE



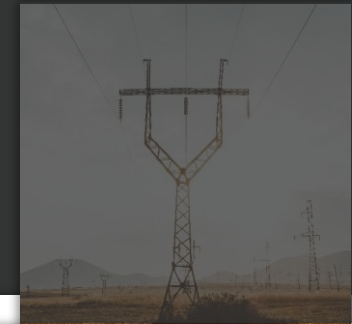
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CHARGING HUB



**ENERGY
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FOCUS MARKETS



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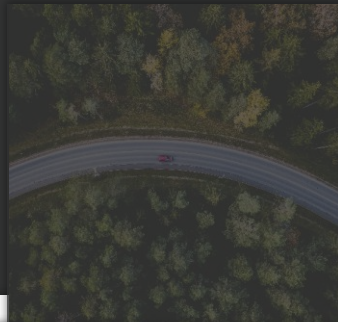
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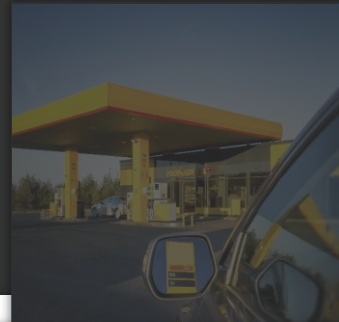
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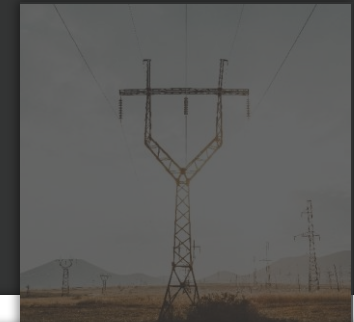
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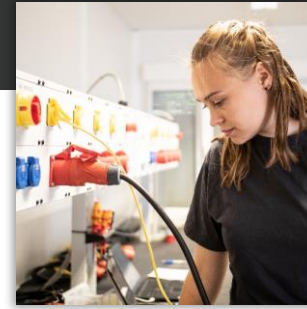
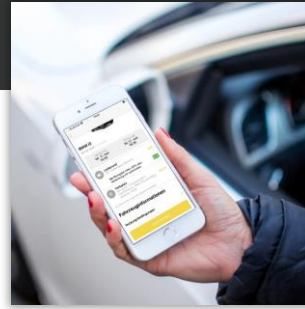
**ENERGY
PROVIDERS**



360° PORTFOLIO

from analysis to operations

CORE SKILLS



**CONCEPTUALIZE
& PLANNING**

**ELECTRIFY
& CHARGING**

**SHARING
& POOLING**

**IMPLEMENT
& OPERATE**

**ENERGY
& GRID**

CONCEPTUALIZE & PLANNING

ANALYSIS, EVALUATION & RECOMMENDATION

E-mobility sketches, plans and concepts also via online tools

WORKSHOPS

From brainstorming to project design

ENERGY & MOBILITY STRATEGIES

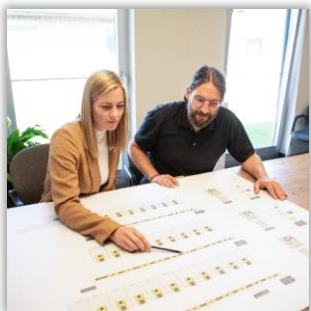
For individual customer requirement

MODEL DEVELOPMENT

Comprehensive development of operating and business models

PROJECT PLANNING

Individual charging infrastructure and mobility projects



ELECTRIFY & CHARGE

FEASIBILITY CHECK

Technical and economic feasibility study for electrification

SITE EVALUATION

Survey and evaluation of your site by our experts

CHARGE, LOAD & ENERGY-MANAGEMENT

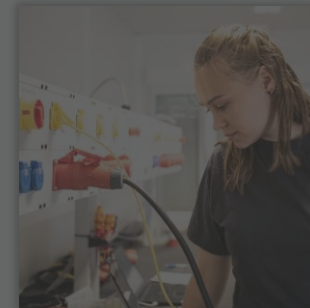
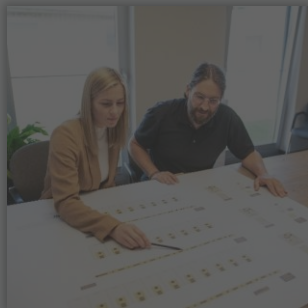
United by our smart solution

CHARGING INFRASTRUCTURE

Selection and recommendation of sustainable AC and DC charging solutions and dimensioning

BILLING, OPERATION & MARKETING

Recommendation, implementation and support



SHARING & POOLING

SHARING OFFERS

Conceptual design of intermodal mobility and development of innovative sharing offers

IMPLEMENTATION

Enabling and implementing electromobility in neighborhoods and the housing industry

OPERATOR MODELS

Recommendation and selection of suitable operator models

E-VEHICLES

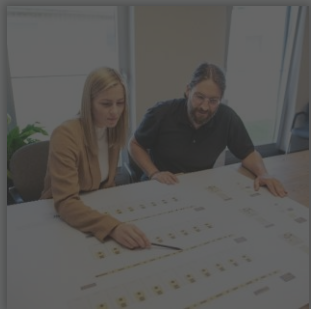
Recommendation and selection of e-cars and e-bikes

ANALYSES

Economic feasibility studies and feasibility analyses

SHARING-APP

Complete processing via own app: booking, billing, management and information system



IMPLEMENT & OPERATE

SUBSIDIES

Observance of legal framework conditions; advice on subsidies and application for subsidies

TENDERS AND COMPOSITE OBJECTS

Participation in public tenders and composite objects

NETWORK & PARTNERS

Establishment and expansion through network and project partners

INSTALLATION, COMMISSIONING, ACCEPTANCE

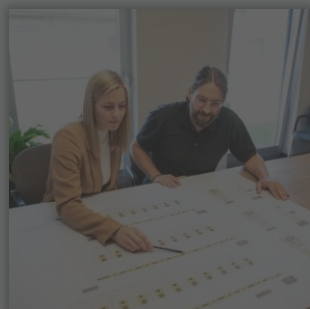
Planning and implementation of installation, commissioning and acceptance

BILLING MODELS

Setting up billing models

SERVICE & MAINTENANCE

Planning and implementation of service and maintenance work



ENERGY & GRID

ENERGY SYSTEMS

Planning and evaluation of energy systems

ENERGY CONCEPTS

Development of complete solutions tailored to requirement with an energy supply from 100 % renewable energy

RENEWABLE ENERGY PLANTS AND BATTERY STORAGE

Consideration and planning of existing RE plants as well as sustainable consideration of new RE plants and storage systems

MEASURING & COUNTING CONCEPTS

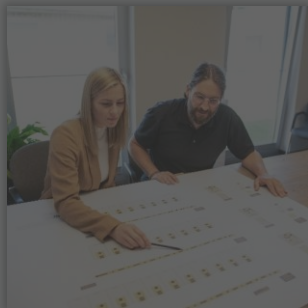
Establishment of measurement and counting concepts

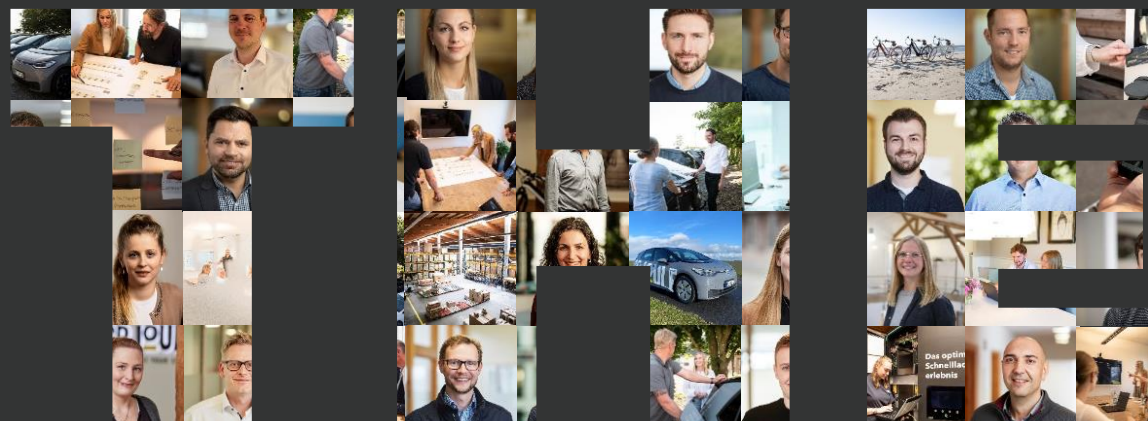
DISTRIBUTION NETWORK OPERATOR & NATIONAL GRID OPERATOR

Communication and exchange

INTEGRATION OF CHARGING SOLUTIONS

Viewed from a network perspective





ONE STEP AHEAD



MANUEL REICH

Managing director

Sales, Marketing,
Business Development,
Consulting



JÖRG BLUMENBERG

Managing director

Products, Digitalization,
Projects, Organization,
Finance, Operations



OVE PETERSEN

Founder

Vision, Mission,
Networking

REFERENCES

cooperations · partnerships · collaborations

COOPERATIONS



PIONEER PARK - A NEW STANDARD

TOP 5 PROJEKT FOR NEW MOBILITY IN GERMANY

- complete planning, design, construction and operations
- up to 12 Mobility stations for public charging and sharing
- up to 700 charging points for public, commercial and private charging
- 4 MW supply capacity
- district wide charging, load and energy management
- electrical and civil engineering
- district wide software for charging and sharing
- integration of several services, e. g. rent parcel box
- smart infrastructure, e. g. LoRaWan and IOT functions
- integration into higher level traffic concepts



New Mobility

Integrated systems

WACKEN GOES GREEN

SAVE THE HOLY GROUND

- we accompany Wacken on the way to sustainability
- fastest growing municipality in the world - 10 days from 0 to 85.000
- decentralized, autonomous, sustainable energy supply
- comprehensive green mobility with feeder / off-road mobility
- decentralized renewable energy
- merchandising products
- lighthouse like V2G-Camping



PINNEBERG - 360° SOLUTION

FROM THE REGION FOR THE REGION

- electrification of the entire fleet of the Pinneberg district administration with 36 e-cars
- 36 charging points at Headquarter Elmshorn
- sustainable charging infrastructure with a smart booking app
- PV system with integrated battery storage for a secure all in supply
- from project planning to construction and operations - everything from a single source



GP JOULE
TRUST YOUR ENERGY.



regionally sustainable

**THANK
YOU**

Your team from
GP JOULE CONNECT

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E-Mail: info.connect@gp-joule.de

