

01

INTRODUCTION OF MÖHRING
COMPETENCES AND NETWORK

02

PROJECT DEVELOPMENT: UKRAINE

03

PRACTICAL EXPERIENCE



Expertise with sound practical experience

Möhring Energie has been successfully developing renewable energy projects since 2010 – with over 15 years of expertise in technology, financing and implementation

Full-service provider on a grand scale

Full service for solar, battery and wind power projects – from planning to turnkey implementation, including EPC services

Power-to-X hydrogen solutions

Focus on innovative applications such as green hydrogen and ammonia – for cross-sector, sustainable energy systems

High performance in the battery and PPA market

Active participation in power purchase agreements to secure long-term, economical and scalable energy projects

Mission: Innovative thinking about energy

Möhring Energie actively promotes the European energy transition through strategic partnerships, technical innovations and system integration



>1 B €

BUILT
ASSETS



>15 YEARS

OF ENERGY
PROJECT EXPERIENCE



16 GW

WIND/PV CAPACITY
UNDER DEVELOP-
MENT IN GER



>5 YEARS

PROJECT TRACK
RECORD IN
NORTHERN AFRICA



25 GW

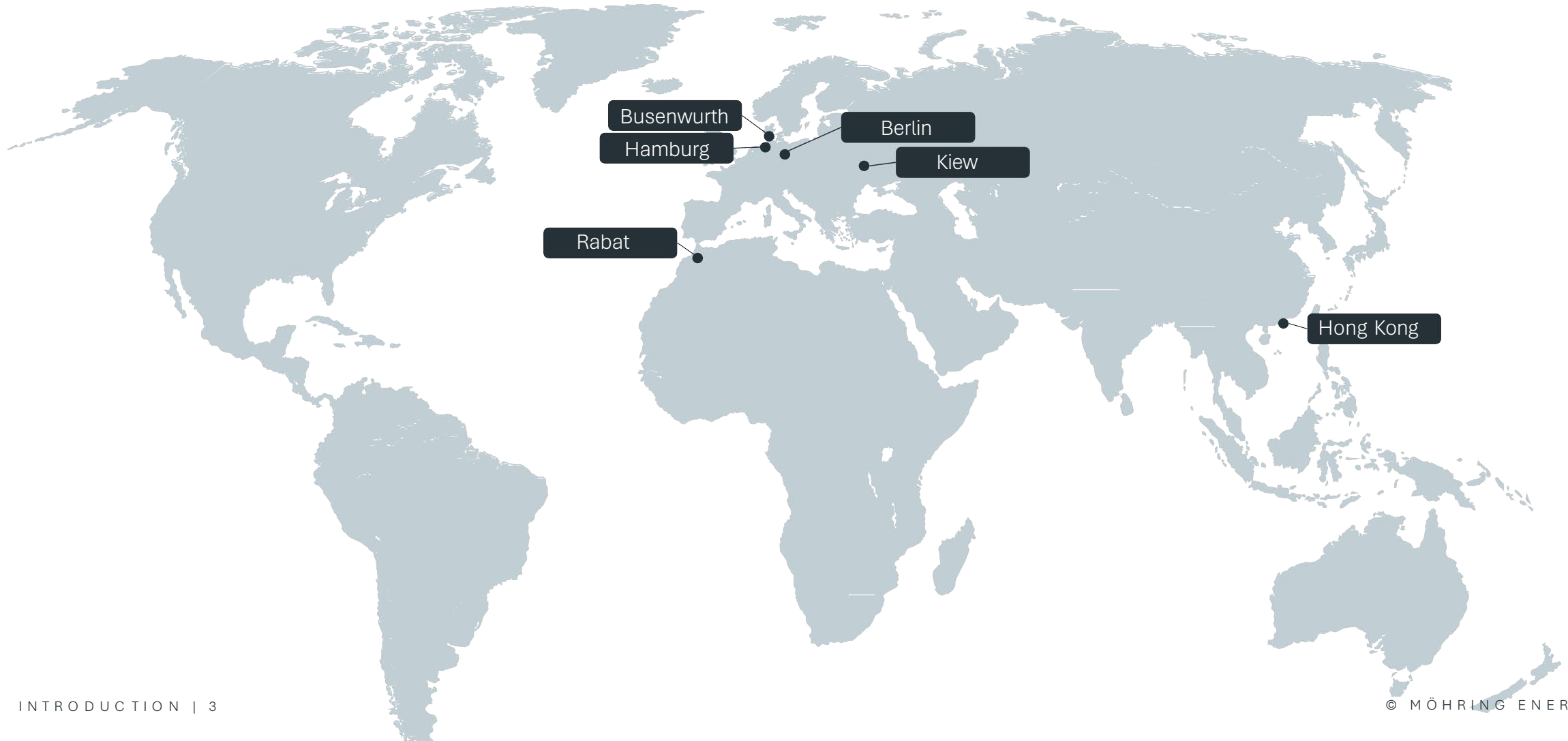
PROJECT PIPELINE OF
WIND/PV CAPACITY IN EU

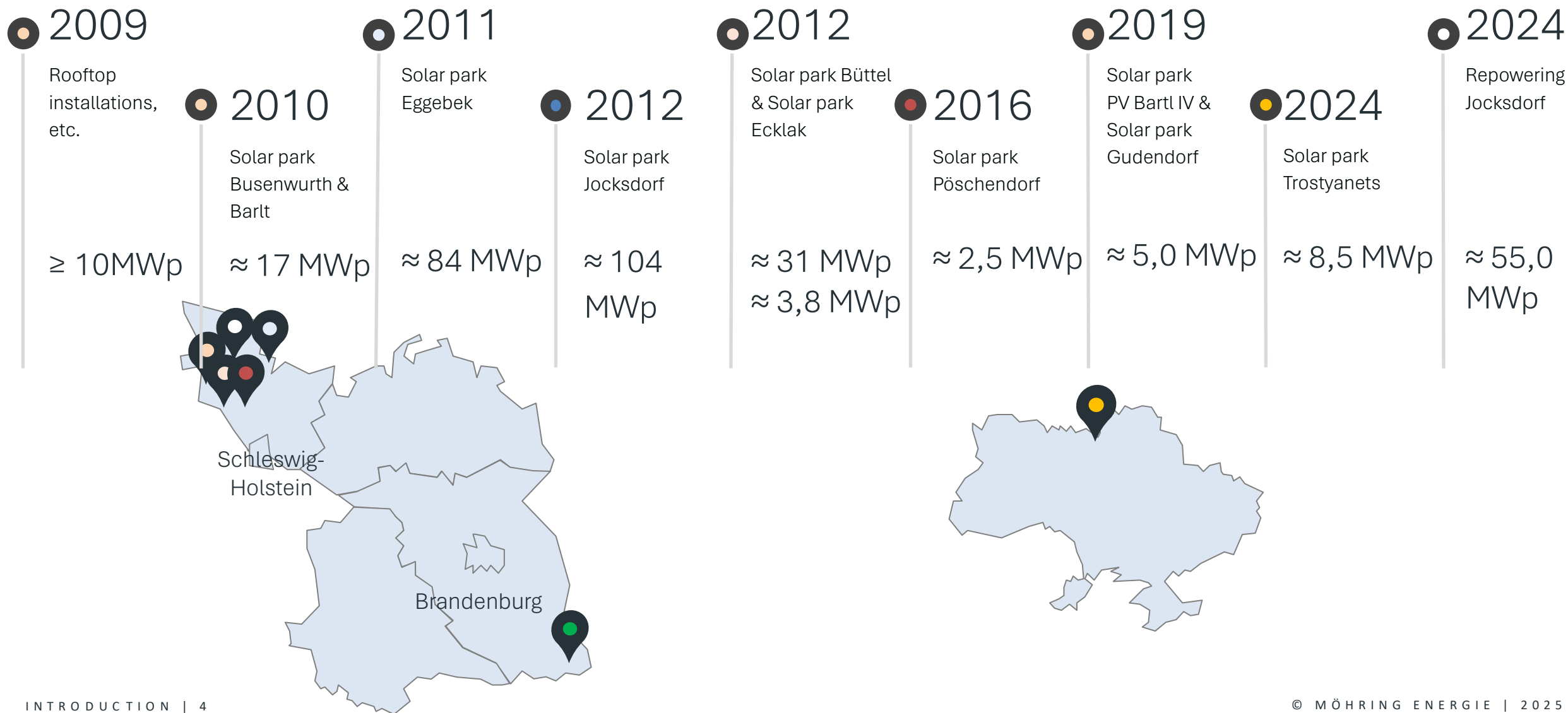


>50 MW

AVG. PROJECT SIZE OF
WIND/PV
PLANTS

Möhring Energy Group ensures strategic location coverage for optimal renewable energy deployment.







JOCKSDORF - GERMANY

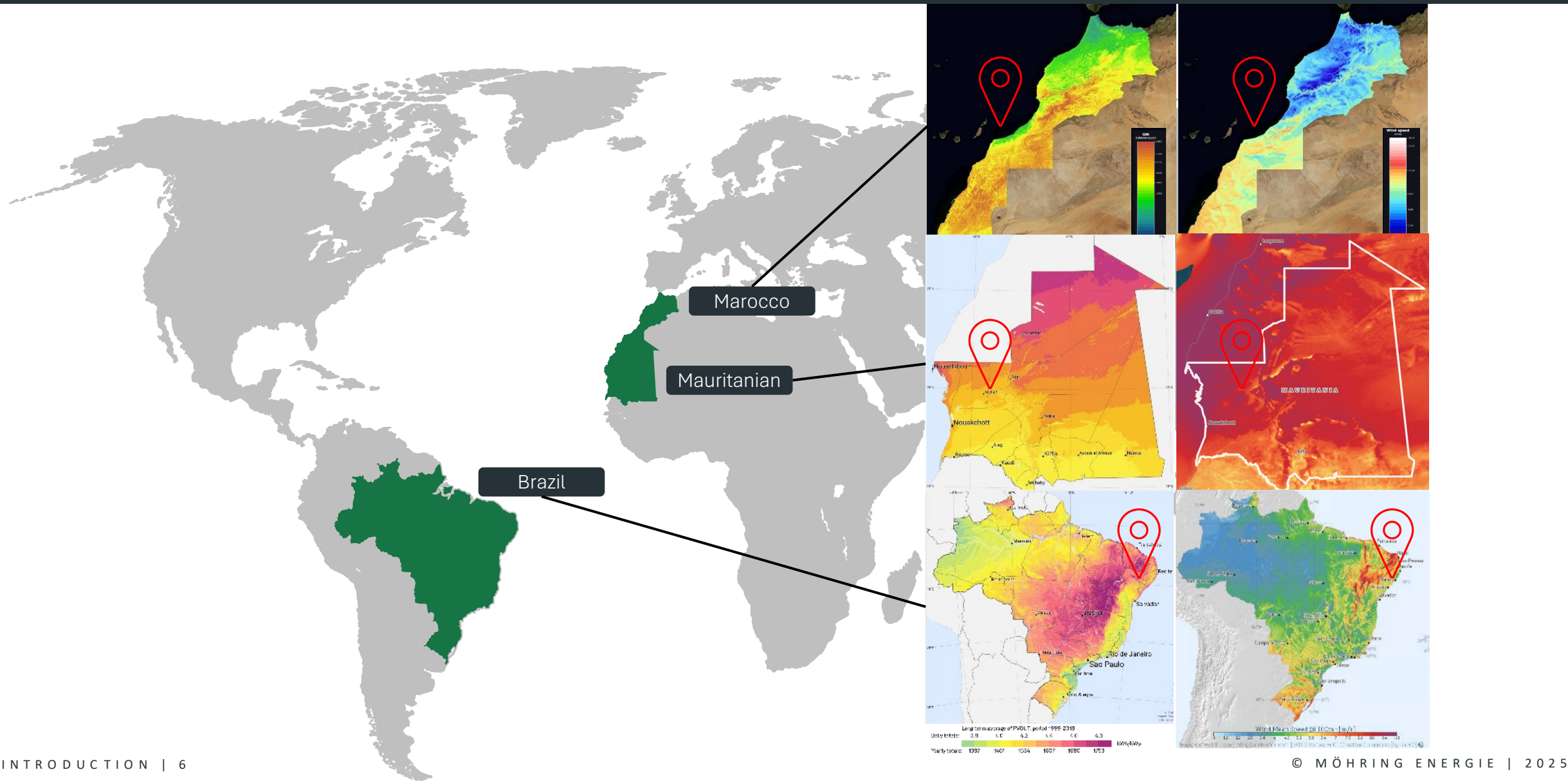
With more than 1 tera watt of power being harvested from Möhring plants we developed the confidence to approach any large scale plant for our customers.



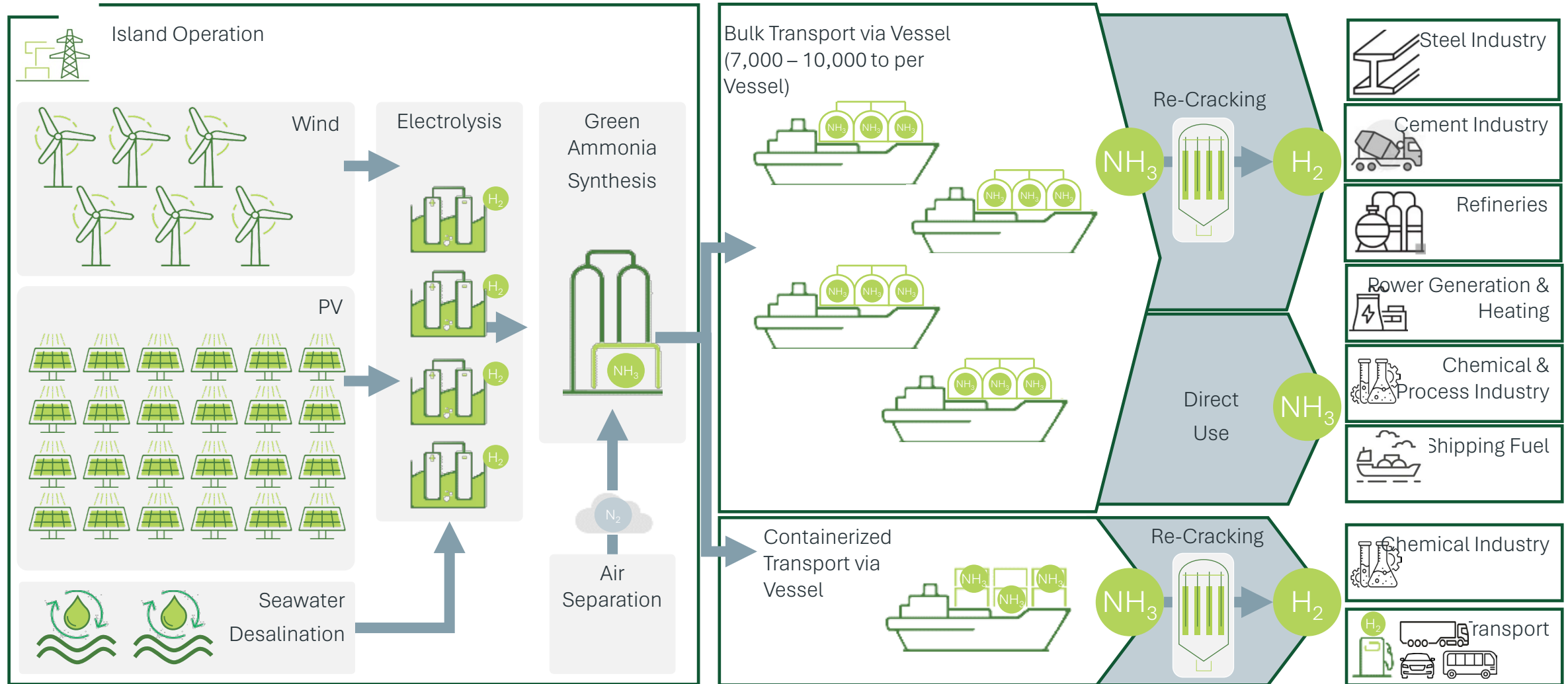
BÜTTEL - GERMANY

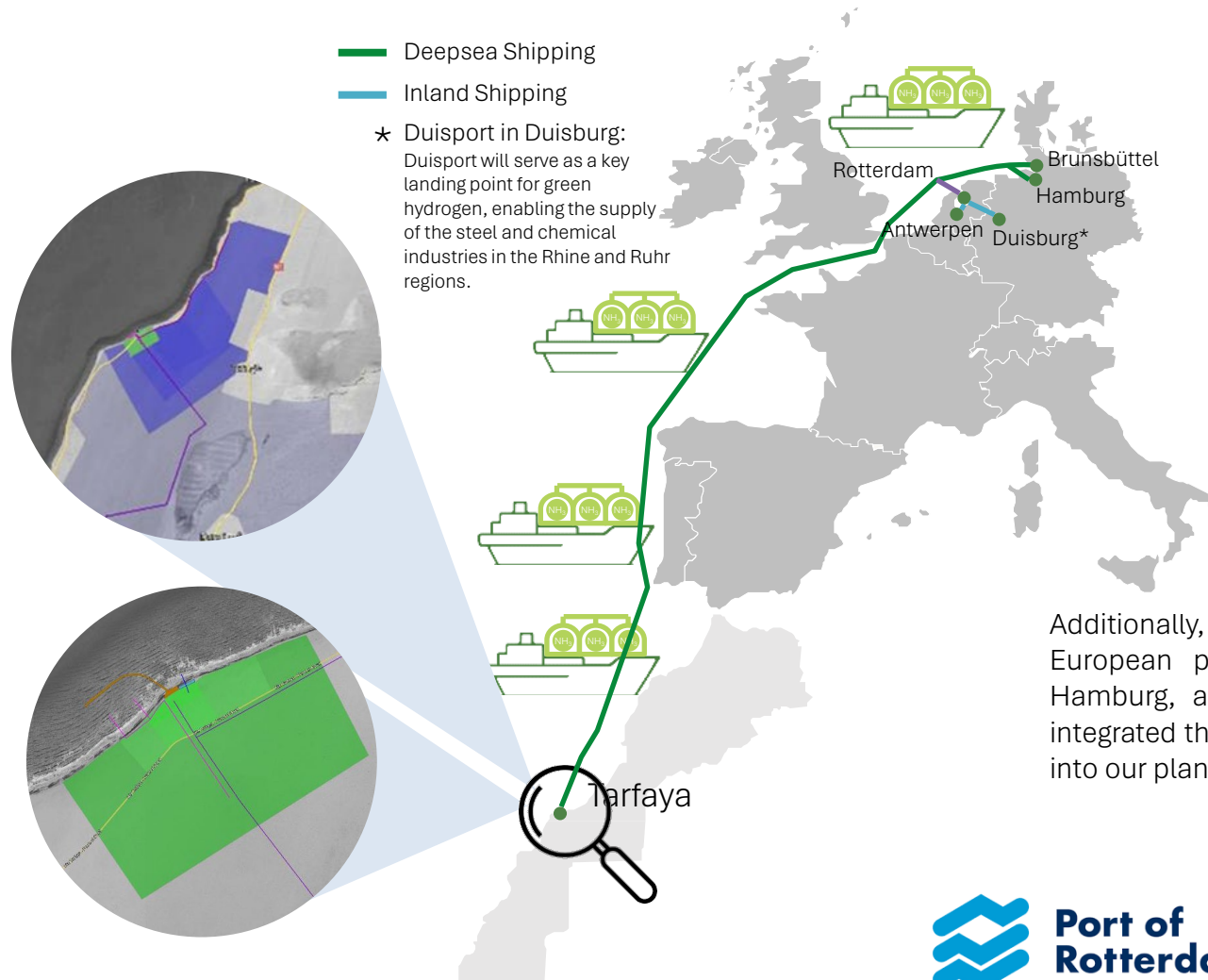
Please ask us for detailed references or meet us at one of our premises.

Harnessing the World's Leading Regions for Renewable Energy in PtX



Our **GREEN AMMONIA** value chain:





Port of Tarfaya Expansion: A Critical Step for Logistics

Our project's location is strategically adjacent to the Port of Tarfaya. To ensure the seamless logistics chain of green hydrogen and ammonia to Germany and Europe, the port infrastructure requires significant expansion.

The newly constructed seaport will enable direct shipment of PtX plant end products to European customers. This will minimize transit time, optimize the process, and maintain full control over the supply chain, ensuring efficiency and reliability in delivering renewable energy solutions.

Additionally, we are already in discussions with all relevant and most advanced European ports for green ammonia import terminals, including Rotterdam, Hamburg, and Brunsbüttel. These collaborations underline that we have fully integrated the entire supply chain – from production to delivery to end customers – into our planning and vision.energy solutions.



**Port of
Rotterdam**



Phased Growth for Global Impact – Scalable Green Hydrogen & Ammonia/Methanol Production Driving Industrial Decarbonization

		Phase 1		Phase 2		Phase 3		Phase 4		Phase 5
Wind Capacity		43 MW		344 MW		1,032 MW		2,580 MW		Σ ~14.3 GW
PV Capacity		10 MWp	+	80 MWp	+	240 MWp	+	600 MWp		Σ ~3.3 GWp
Electrolyzer Capacity		30 MW		240 MW		720 MW		1,800 MW		Σ 10 GW
Green Hydrogen		3,900 tpa		29,500 tpa		90,000 tpa		230,000 tpa		Σ 1.4 Mtpa
Green Ammonia		21,400 tpa	+	165,000 tpa	+	255,000 tpa	+	650,000 tpa		Σ ~4.0 Mtpa
Green Methanol				or		and		and		Σ and
eSAF			+	150,000 tpa	+	~240,000 tpa	+	~610,000 tpa		Σ ~3.7 Mtpa
Direct Labour		81		114		~600		~1,000		Σ ~3,500
Indirect Labour		100	+	600	+	~1,800	+	~3,000		Σ ~10,000

Contributing to Europe's Energy Transition by Leveraging Public Tenders and Partnerships for Green Hydrogen Projects

As Europe is perusing its way to a green future major public tenders and large industrial players offer sustainably opportunities.

The European market for green hydrogen and ammonia is rapidly expanding, driven by the EU's climate neutrality target for 2050. This strategy leverages public tenders and collaboration with key stakeholders to establish a strong market presence. Europe's green hydrogen and ammonia market is set for significant growth, backed by substantial investments and policies. Initiatives like the European Hydrogen Bank (EHB) and H2Global are critical in building infrastructure and creating market demand.

Public tenders play a key role in securing government contracts and funding. H2Global uses market-based mechanisms to drive green hydrogen production and trade. Leading industrial conglomerates are heavily investing in green hydrogen technologies, with major steel producers integrating green hydrogen into their processes, supported by German and European funding.

Our strategic objectives include using the SME-to-SME approach and securing public tenders via key players like EHB and H2Global. We aim to:

Partner with EHB to contribute to hydrogen infrastructure development and distribution.

Utilize H2Global to enhance competitiveness and ensure steady demand for green hydrogen and ammonia.

Collaborate with industry leaders to integrate green hydrogen into industrial processes, showcasing its viability.

By leveraging public tenders and collaborating with stakeholders, we can establish a strong presence in Europe's green hydrogen and ammonia market, aligning with EU climate goals and contributing to the sustainable energy transition.



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Empowering Ukraine with Clean Energy – Strengthening Sustainability, Security, and Innovation

Our decision to invest in Ukraine's energy sector is driven by a combination of economic, environmental, and social factors. Ukraine is undergoing a fundamental transformation of its energy supply, aiming for both sustainable development and enhanced energy security.

Our solar project in Gudya, Ukraine, contributes to reducing dependence on fossil fuels and increasing the share of renewable energy in the national energy mix. With this investment, we aim to support the country's economic stabilization while driving forward innovative technologies for a climate-friendly energy future.

Support through a Federal Investment Guarantee is crucial for mitigating political and economic risks, ensuring the long-term success of our commitment. Our project not only promotes climate protection but also creates local jobs, strengthens the regional economy, and supports the decarbonization of Ukraine's energy infrastructure.

By investing in Ukraine, we are making a strong statement in favor of a green, independent, and resilient energy supply in Eastern Europe - an ambition that aligns with both European climate goals and the global energy transition.

The Benefits



Sustainable Energy Future

Promoting renewables for decarbonization



Diversifying the Energy Mix

Reducing dependence on fossil fuels



Climate Protection & CO₂ Reduction

Contributing to global climate goals



Strengthening the Local Economy

Creating jobs and fostering growth



Geopolitical Stability

Supporting Ukraine's energy independence



Innovative Technologies

Utilizing state-of-the-art photovoltaic solutions

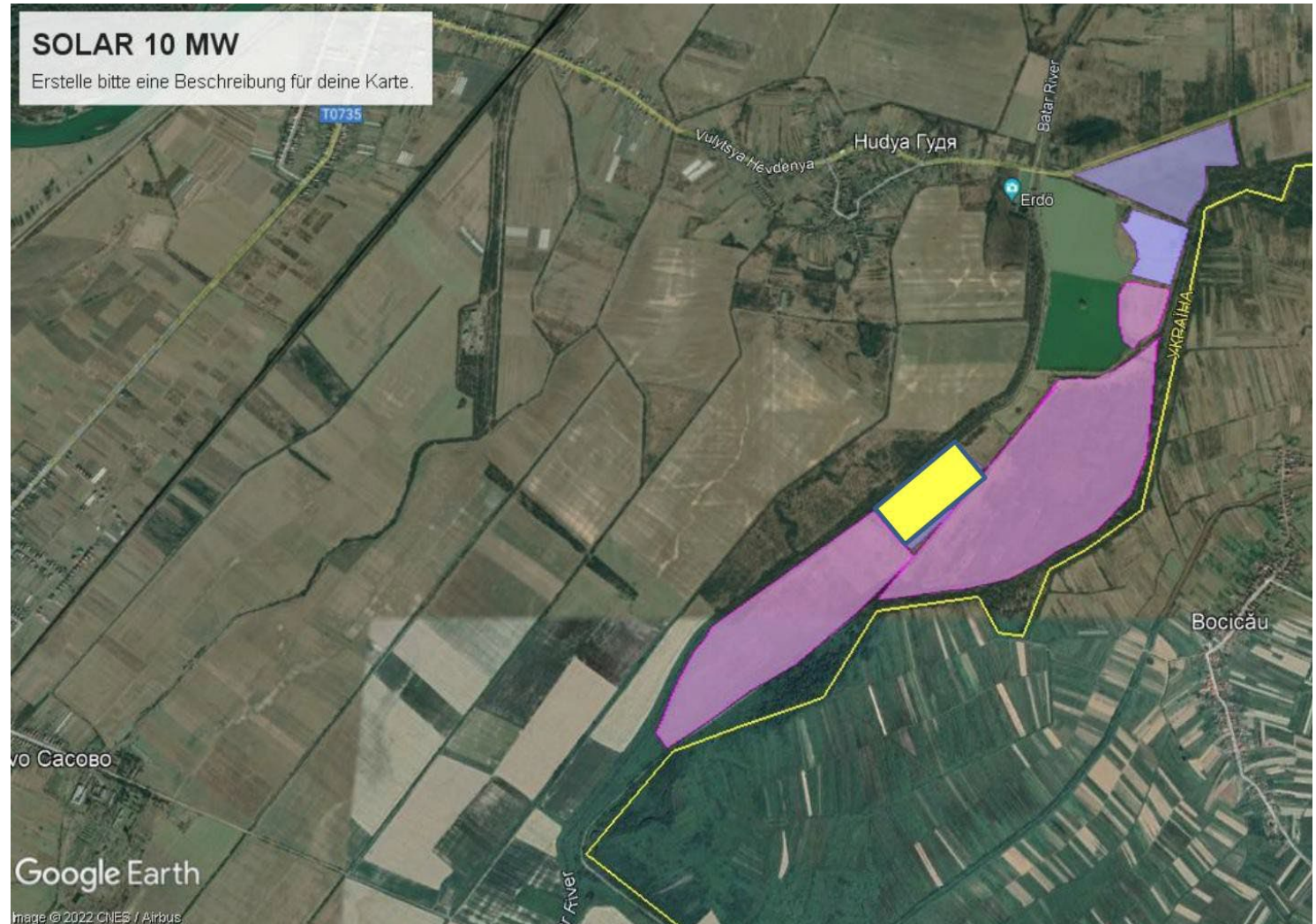


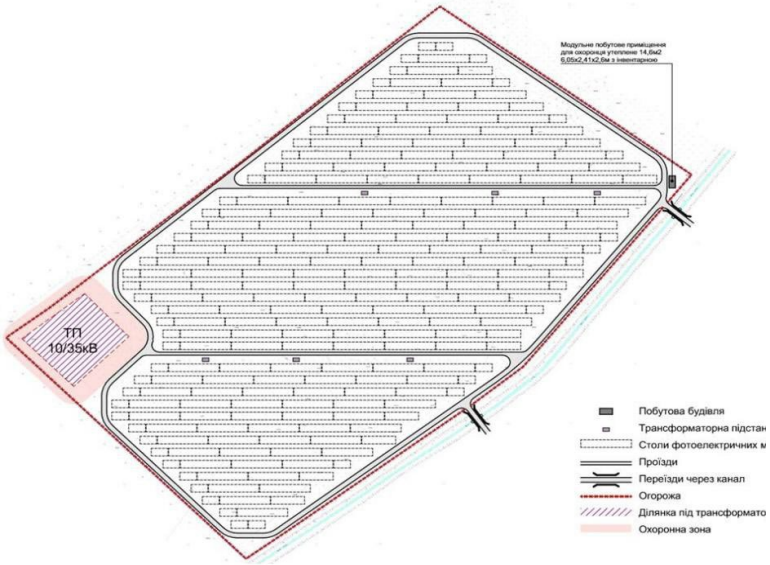
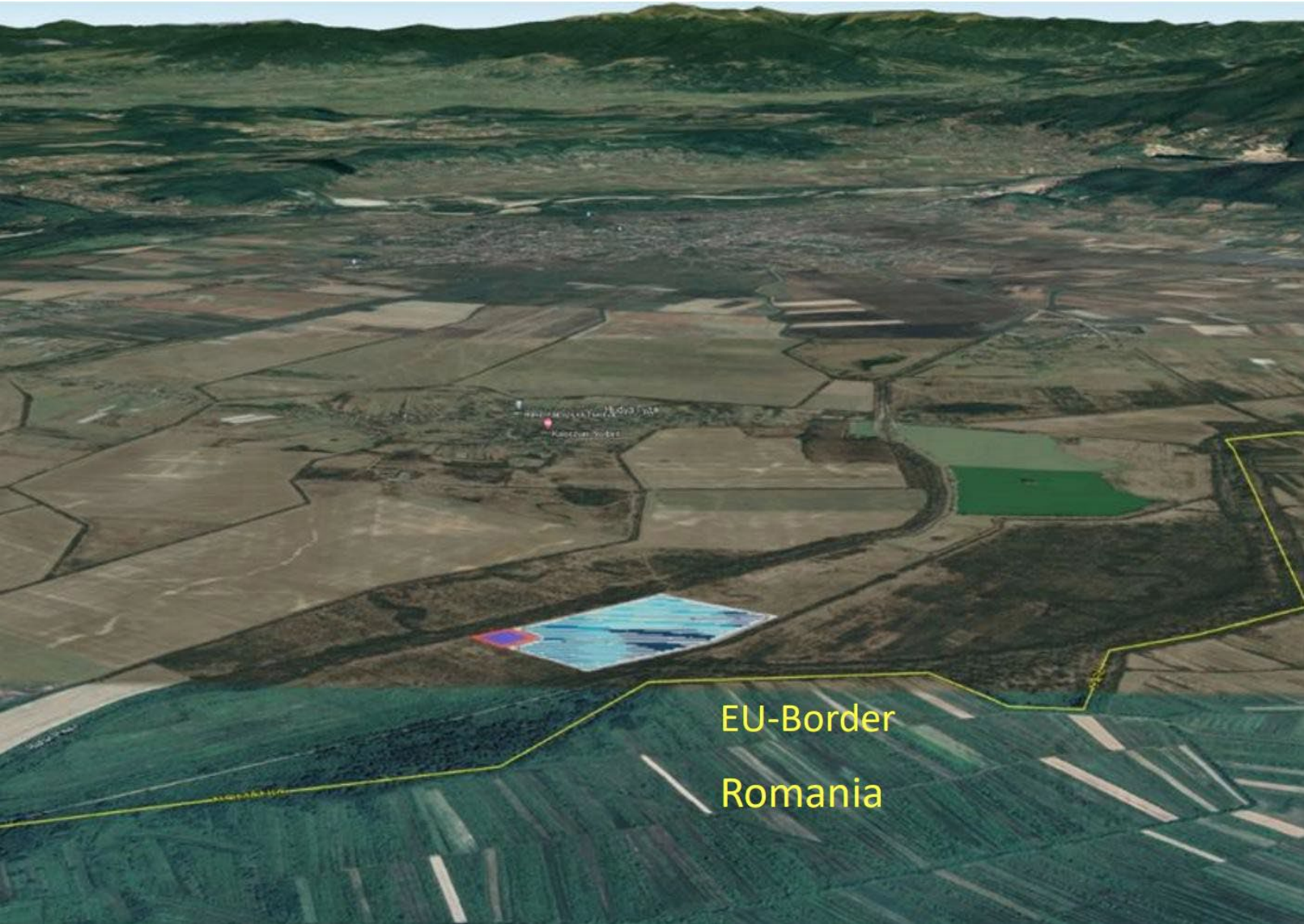
Federal Guarantee for Security

Safeguarding against political & economic risks

Project Key Figures

- **Project region**
Transcarpathian
- **Area**
132,5 ha in total, 12 ha marked in yellow
- **Status**
Land lease 50 years, purchase possible
- **Designated Purpose**
Construction, operation facilities of energy-generating enterprises
- **Technical Conditions**
(AC/DC) 10 MW /12 MWp in combination with 40 MWh Battery Storage System
- **Infrastructure**
3.5 km distance to substation





Project Key Figures

- **German government investment guarantee**
...covering political risks (war, expropriation, contract fulfillment), with 95% insurance for the entire investment period
- **Long-term secured land rights** (50-year lease + purchase option)
- **Guaranteed grid connection** by Oblenergo
- **Secured EU export rights** via existing licenses
- **Offtake agreements** with German & EU industry partners signed before investment start
- **Construction permit issued & confirmed** by local authorities
- **Full German government support** via the Ministry for Economic Affairs & Energy Policy
- **Immediate construction start** as most materials (PV modules, inverters, electrical components) are already in Ukraine

Available Documents

- Project company (SPV)
- Land Lease agreement
- Technical connection conditions
- Connection permit
- Soil survey
- Topographic survey
- AC planning
- Building permit



***Project is in status
“Ready to Build”***

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"Due to the current situation in Ukraine, it is unfortunately not possible for us to finance the project"



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