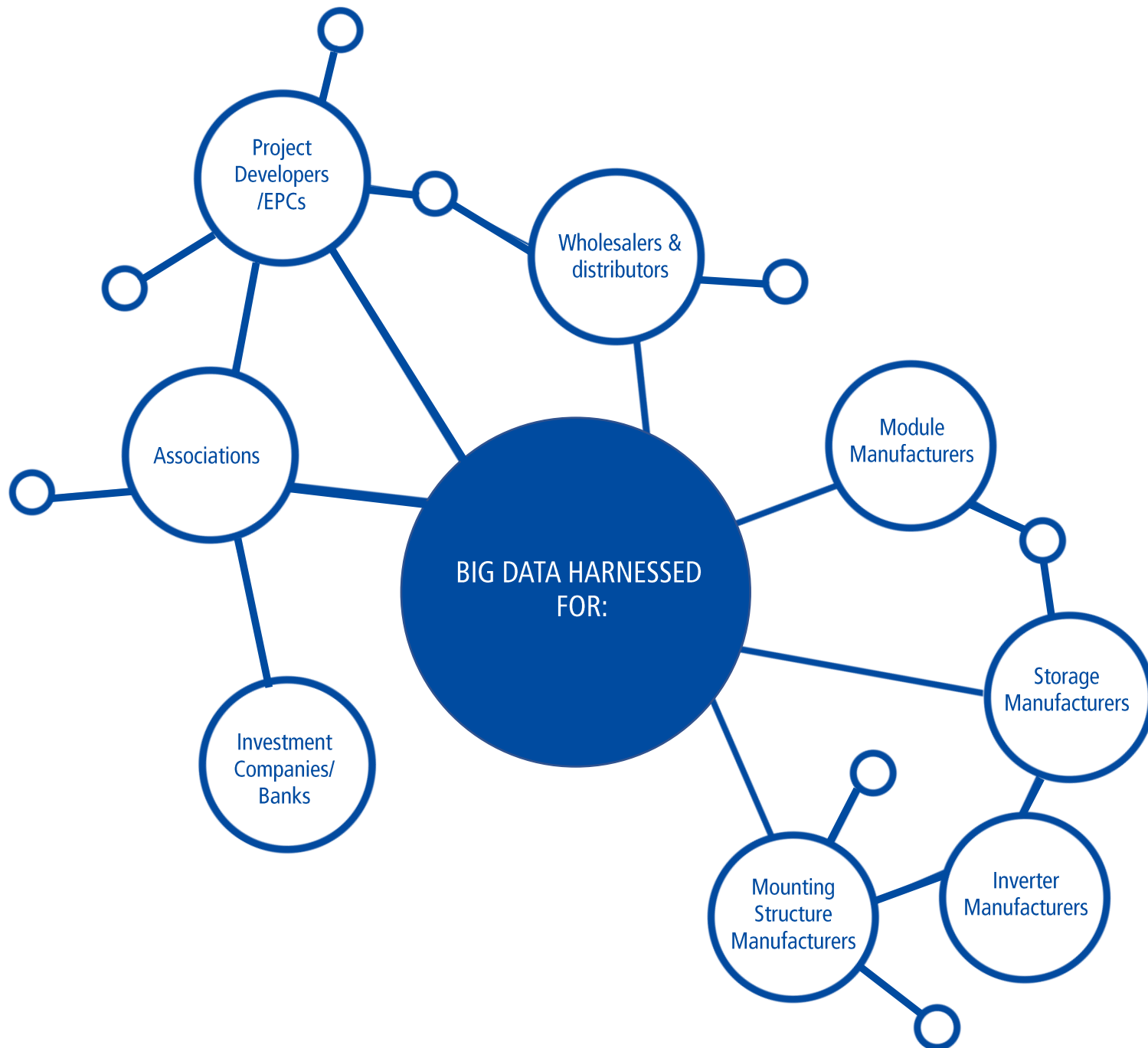




Global Energy Transition (GET) Matrix

Market Intelligence and Data Analytics Platform for
the Global PV and Energy Storage Markets

22+
YEARS
EUPD Research



Solar and Storage Data at Your Fingertips

Photovoltaic (PV) and Battery Energy Storage System (BESS) markets have turned into a multi billion industry in recent years and the market is expected to develop further as many states need to reach their climate targets. Since these markets are diverse, dynamic and are constantly undergoing changes, they require constant monitoring with regard to:

- Newly installed PV and BESS systems (market size)
- Newly installed systems by segment (segment size)
- Funding schemes and regulations (market incentives)
- Potential policy changes (political trends)

However, keeping detailed track of each and every market would ideally need a market intelligence and data analytics platform, which is regularly updated by a team of experienced experts, who are well connected with both global business stakeholders and global data. Global Energy Transition Matrix (GET Matrix) is the platform that brings all the needed data and insights to your fingertips.

Benefits of the Global Energy Transition Matrix© 2024

GET Platform provides exclusive information on:

- Solar PV
- Storage
- Market forecast
- Important stakeholders
- Important news
- Electricity market

Utilize this platform to...

...monitor macro and micro PV and BESS developments

...save plenty of time by the provision of precise data

...timely understand the market changes (established & emerging)

...understand the market demands and gaps

...optimal regional strategizing for precise and timely regional sales' requirements

A world map illustrating the global distribution of the 100 most common surnames. The map uses a color scale where dark blue represents a high concentration of these surnames and light blue represents a low concentration. Dark blue areas are prominent in North America (USA and Canada), Europe (especially Western and Central Europe), Russia, India, China, and Australia. Light blue areas are seen in South America (primarily Brazil and Argentina), Africa, and parts of Asia and the Middle East.

BESS - Europe | 13 country markets**

* - List of country markets tracked in the GET Matrix – EUPD Research reserves the right to add or delete or modify +/- country markets from the list in case global package is opted for

GET Matrix 2024[©]

Markets covered by the Global Energy Transition Matrix© 2024

Europe



Austria*		Malta	
Belgium*		Netherlands	
Bulgaria		Norway*	
Czech Republic		Poland*	
Denmark*		Portugal*	
Finland		Russia	
France*		Romania	
Germany*		Slovakia	
Greece		Slovenia	
Hungary		Spain*	
Ireland		Sweden*	
Italy*		Switzerland*	
Luxembourg		Turkey	
Croatia		UK*	
Cyprus		Ukraine	
Estonia		Lithuania	
Latvia		Serbia	

The PV data for the entire EU-27 markets as well as the rest of the major European markets are covered in the platform

The BESS data is available for 13 markets which are marked with an asterisk (*)










PV - Europe | 34 country markets
BESS - Europe | 13 country markets (marked with *)

Markets covered by the Global Energy Transition Matrix© 2024

Asia & Oceania

PV - Asia & Oceania 9 country markets








India		Australia	
Japan		New Zealand	
South Korea			
Pakistan			
Singapore			
Sri Lanka			
Vietnam			

North & South America

PV - North & South America 5 country markets



Canada	
USA	
Mexico	
Brazil	
Chile	

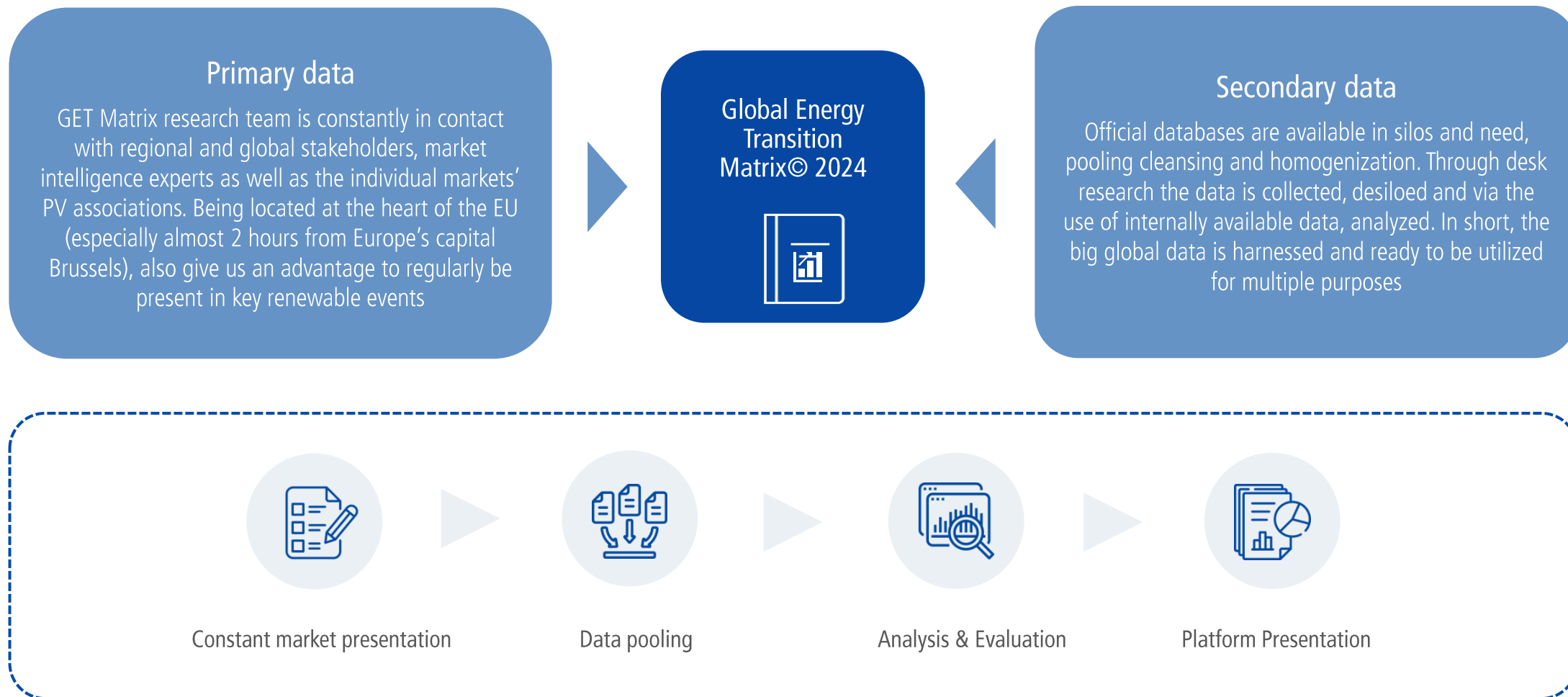
Middle East & Africa

PV - Middle East & Africa 11 country markets



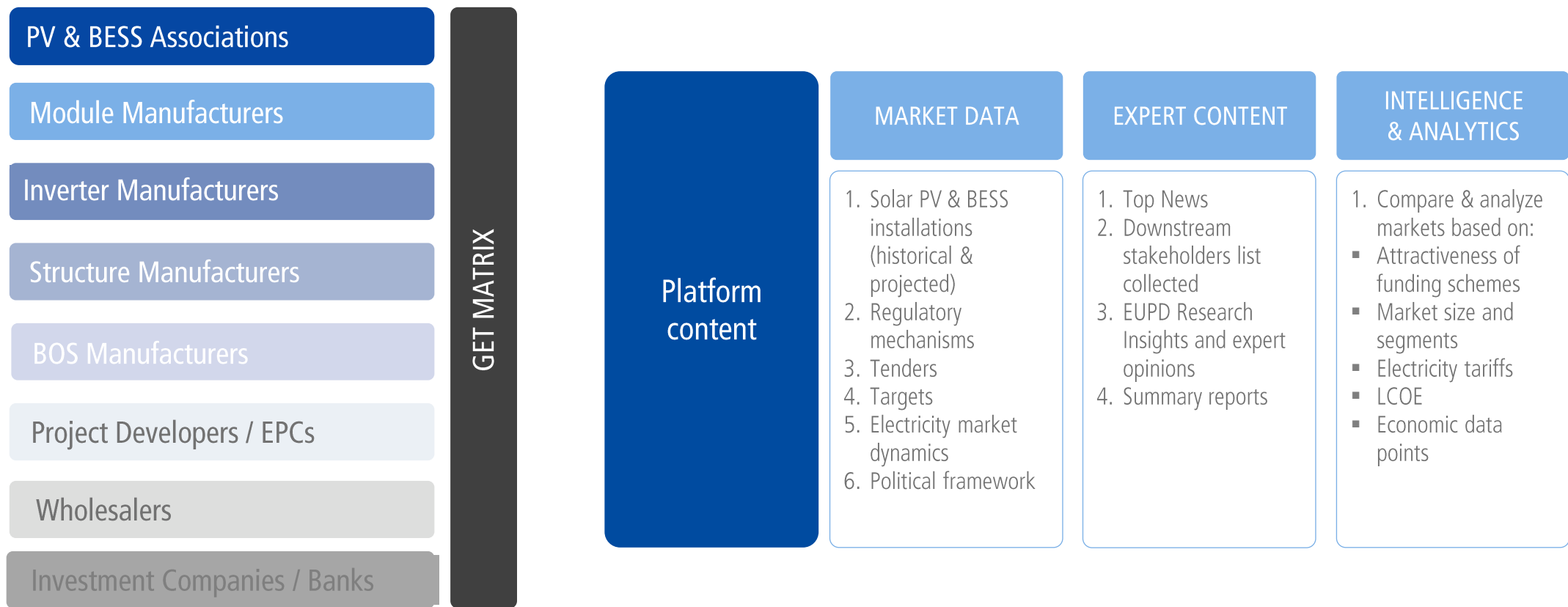
Iran		UAE	
Iraq		Yemen	
Israel			
Jordan			
Kuwait		Egypt	
Saudi Arabia		South Africa	
Oman			

Methodology of the Global Energy Transition Matrix© 2024



Global Energy Transition Matrix[©] 2024 Content

GET Matrix caters to various stakeholder groups and benefits them by providing data on the latest developments on solar PV markets



Sample slides of the Global Energy Transition Matrix© 2024



Market

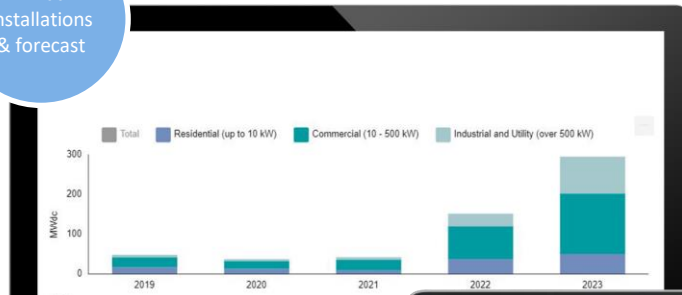


- ✓ Get your log-in credentials
- ✓ Access the platform 24/7
- ✓ Data in excel form available
- ✓ Market intelligence companion in your pocket

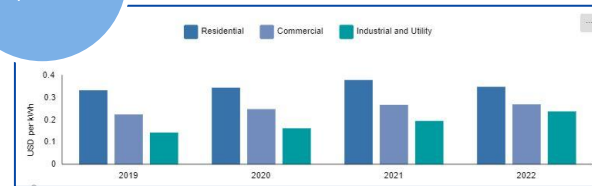
GET Matrix 2024©

Global Energy Transition Matrix© 2024

Annual
installations
& forecast



Electricity
prices



Funding
schemes

Funding Schemes/Incentives			
Feed-in tariff			
Direct Marketing			
Net Metering	Residential	Yes	
	Commercial	Yes	
Investment Grant	Residential	Yes	
	Commercial	Yes	
Tax Credit	Residential	Yes	
	Commercial	Yes	
Tender Process		No	

Source: NVE, schweertgymingen | Section last updated Q1 2024



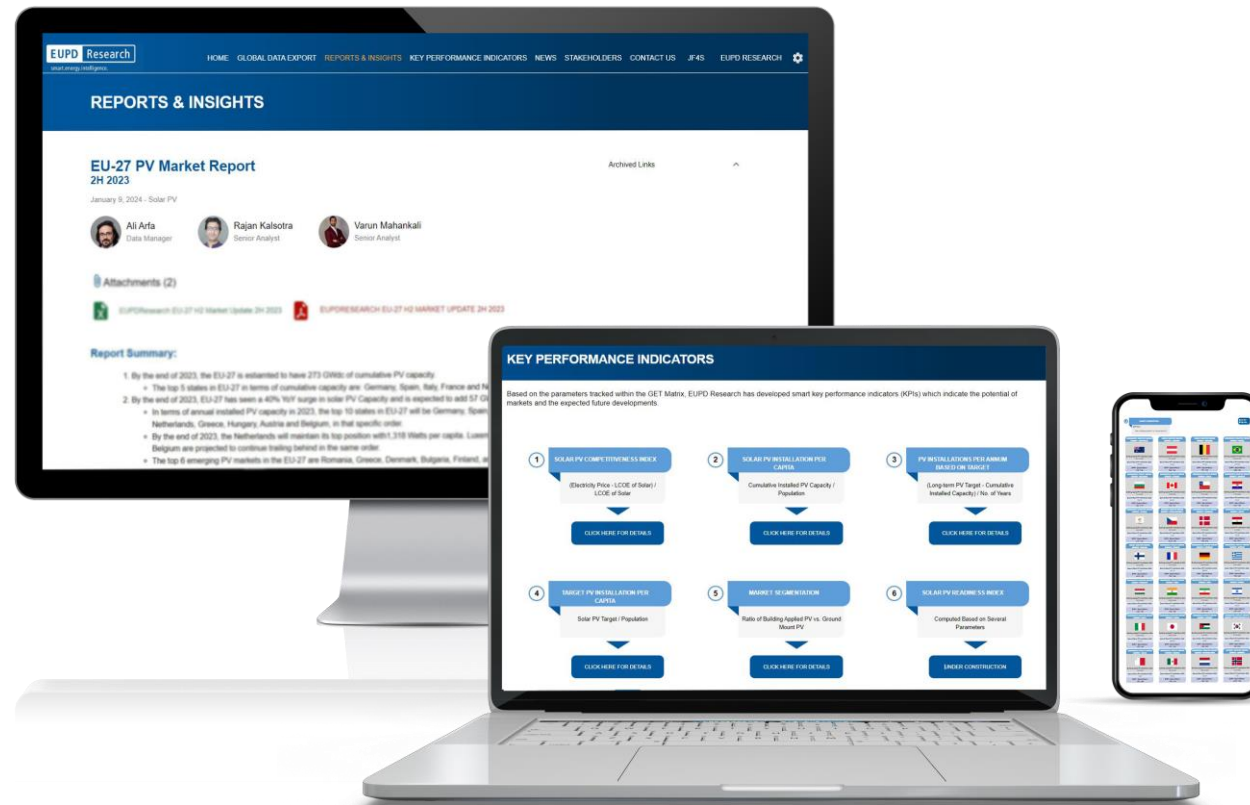
Electricity
mix

Gain a better understanding of the market via:

- ✓ PV and BESS:
 - Annual installations
 - Funding schemes
 - Targets
 - Forecast
- ✓ Track the cumulated and yearly installed capacity in the relevant segments
- ✓ Understand the main funding schemes
- ✓ Utilize the key market data for your planning

SAMPLE SLIDES

Global Energy Transition Matrix© 2024

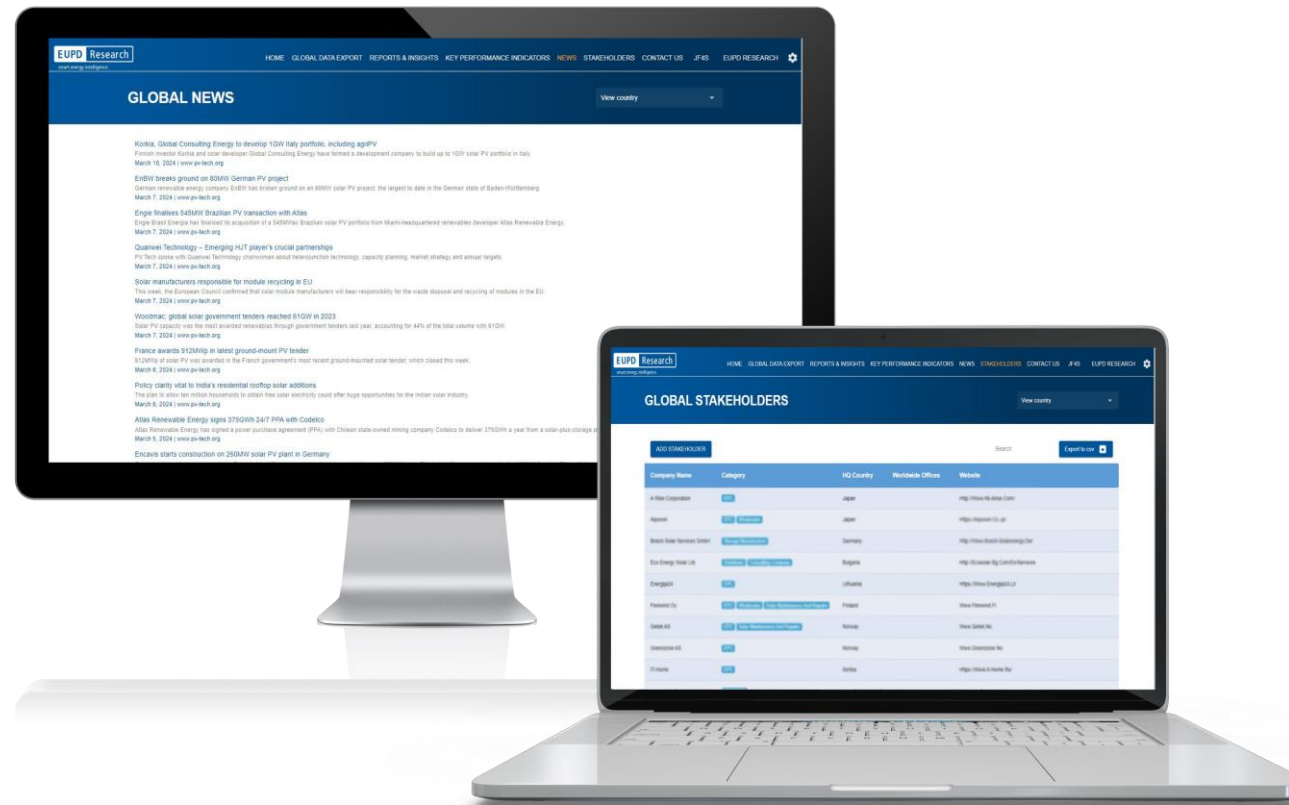


SAMPLE SLIDES

Gain a better understanding of the market via:

- ✓ Biannual reports (available for the EU-27)
- ✓ Key Performance Indicators (KPIs)
 - Solar PV competitiveness index
 - Solar PV installation per capita
 - PV installation per annum based on the target
 - Target PV installation per capita
 - Market segmentation

Global Energy Transition Matrix© 2024



SAMPLE SLIDES

Gain a better understanding of the market via:

- ✓ Most important news pieces
- Artificial Intelligence analysis of the news for a more comprehensive insight
- Saving much of your reading time
- **Updated everyday** to serve as a one-stop solution for latest news pieces
- ✓ A comprehensive list of stakeholders

Log in to your GET Demo account:

Write to a.arfa@eupd-research.com and request a demo account



Order form Global Energy Transition Matrix© 2024

	Subscription Based Service (PV Data) 12 months	Package Price
<input type="checkbox"/>	Global 59 country markets – 12 months	24,900 €
<input type="checkbox"/>	Europe 34 country markets – 12 months	15,900 €
<input type="checkbox"/>	Middle East & Africa 11 country markets – 12 months	7,500 €
<input type="checkbox"/>	North & South America 5 country markets – 12 months	9,900 €
<input type="checkbox"/>	Asia & Oceania 9 country markets – 12 months	9,900 €
	Subscription Based Service (Energy Storage Data) 12 months	Package Price
<input type="checkbox"/>	Europe 13 country markets – 12 months	12,000 €

- Customized regional packages as well as technologies (PV or Energy Storage or both) are available
- Prices subject to change based on the new features and markets added
- Please note that more storage markets will be added to the platform in 2024

Company: _____

Name: _____

Street: _____

City / zip Code: _____

Phone: _____

E-Mail: _____

Sales Tax ID: _____

☐ I accept the terms and conditions of business (p. 19-20)

Date: _____

Signature: _____

E-Mail to the attention of
Ali Arfa | Data Manager
a.arfa@eupd-research.com

Payment terms:

100% after order Offer is subject to confirmation.

Written confirmation is required.

The statutory value added tax VAT is not included in the project costs.

Costs for equipment, quality assurance, and review tasks, etc. are fully covered by the budget.

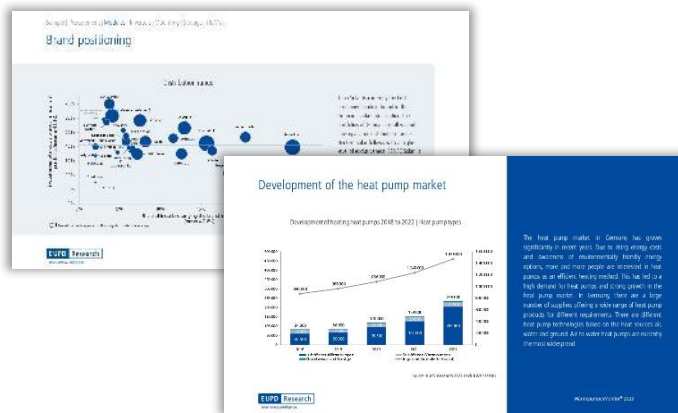
The contract is entered into upon signature and has a one-year validity. At the end of the initial term, this agreement shall automatically renew for successive one-year periods unless terminated by the client with three months prior notice. Each license can receive up to 5 unique logins. Additional logins can be provided at additional costs.

EUPD Research | Portfolio

EUPD Research

Market Research

- Market analyses
- Competition analyses
- Product analyses
- Price analyses
- Brand analyses



EUPD Cert

Certification

- Top Brand
- Customer Satisfaction Seal
- Energy Transition Award
- SolarProsumerAward
- Top Brand PV Installers



EUPD Consult

Exclusive Consulting

- Within the scope of strategic consulting projects, we focus on the review, further development or redevelopment of the company's orientation, we rethink concepts, measures or the positioning within the competitive environment and shape growth paths and business models
- Our future-oriented consulting services analyze both the corporate environment and the fundamental objectives of the client

EUPD Research | References (Extract)



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& ACCOUNT MANAGER**

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EUPD Research | General Terms and Conditions of Business I

1. Scope

1.1 All contracts between EUPD Research Sustainable Management GmbH (hereafter EUPD GmbH) - and the customer shall be subject to the following terms and conditions only. The customer's terms and conditions of business shall not be applicable and shall not put EUPD GmbH under any obligation to comply unless EUPD GmbH explicitly gives written acknowledgment and acceptance of such conditions.

1.2 Offers are aimed exclusively at commercial clients, that is, companies according to Article 14 BGB (German Civil Code). Private customers, that is, customers according to Article 13 BGB, are not permitted to place legally binding orders based on the aforementioned. Interested private customers should contact EUPD GmbH by telephone for information on how to place a non-commercial order. Furthermore, the legal right to return items as stated in consumer protection law does not apply to orders placed by commercial clients but does apply to orders placed by private customers.

2. Offer and Ordering Process

2.1 The presentation of the products together with the order form does not constitute a legally binding offer. Offers are subject to the written confirmation of EUPD GmbH. They are designated for the internal use of the customer only.

2.2 The purchaser places a binding offer for the product of choice when all relevant purchase details have been given and the general terms and conditions of business accepted. This will be confirmed immediately by email or fax sent to the address given by the customer. The contract to purchase between the purchaser and EUPD GmbH is valid from when the order is confirmed, or, the products are delivered either by mail or download.

3. Scope of Services, Remuneration and Prices

3.1 Services offered include but are not limited to the following:

a. Multi-Client-Services: client-independent studies for an indefinite number of customers.

b. Shared-Services: commissioned study on behalf of a limited number of customers for the exclusive purchase of those customers.

c. Exclusive-Services: assignments carried out on behalf of a single customer who will have the exclusive license to use the product but only for an individually negotiated period of time. This exclusive license will be for a period no longer than 12 months. After a period of no longer than 12 months it will become a non-exclusive license.

3.2 The prices are net prices in Euros. They do not include sales tax/VAT or delivery costs. Sales tax/VAT will be added to the net costs according to the legally defined percentage. The prices valid at the time of ordering are binding.

3.3 Travel expenses incurred for EUPD GmbH workshops either provided in combination with studies or booked separately are not included in the scope of the offer. Prices have to be paid separately by the customer. This does not apply if it is explicitly agreed that the workshop or the resulting travel expenses for the workshop are part of the negotiated contract and thus do not have to be paid separately.

3.4 Should circumstances arise beyond the control of EUPD GmbH which impose a temporary hindrance on the provision of services, then services and delivery appointments agreed on will be extended. Customers will be informed of any such event or other delay immediately.

4. Terms of Payment and Delivery

4.1 Payment is to be made to the amount and method stated in the contract. Any addition and/ or aberration require the written confirmation of EUPD GmbH in order to be effective.

4.2 Payment is generally to be made upon receipt of invoice. The products will be shipped as soon as full payment has been made to the account of EUPD GmbH.

The terms and conditions for payment and delivery of Shared- Services and Exclusive-Services are stipulated in the binding offer.

4.3 Delivery costs depend on the quantity of products ordered, their destination as well as type of delivery. There are no delivery costs for products which can be downloaded. The customer accepts that any fees or charges owed for customs or non-EU addresses will not be paid by EUPD GmbH nor is EUPD GmbH liable for them.

4.4 The method of delivery, route and company employed to deliver will be chosen by EUPD GmbH at their sole discretion. Once the purchaser has taken delivery of the item from the delivery service, the purchaser is responsible for the item. The company responsible for delivery is to be made aware of any damage sustained in transit immediately. These damages are also to be reported to EUPD GmbH immediately. Part deliveries are permissible where appropriate.

EUPD Research | General Terms and Conditions of Business II

4.5 EUPD GmbH retains ownership of all goods and all licensing rights pertaining to the usage of data files as well as intellectual property until payment of invoice has been made in full. Intellectual property rights are lawfully retained by the author.

4.6 The purchaser is only able to offset counter claims if they are acknowledged by law, uncontested, or prior written consent has been granted by EUPD GmbH. Customers are only have the right of retention if counterclaims are based on the same contractual relationship. The customer is prohibited from transferring any claims of payment against EUPD GmbH to a third party.

4.7 The estimated costs for the services provided by EUPD GmbH are based on project calculations and experience. Estimations are optimized and customer-oriented so that lower deviations may not be assumed.

However, it cannot be fully excluded that additional effort maybe required in the completion phase of the project. Should the suggested amount be exceeded, EUPD GmbH will inform the client promptly. Such additional efforts will be calculated on the basis of man-day costs and these may vary according to the qualification of the staff involved.

Upon notification of these additional costs the client may choose whether the project shall continue in accordance with the original cost estimation as stated in the proposal although full completion of the project may no longer be possible or agree to the revised cost estimation thus enabling full completion of the project. Should the client agree to the latter, this shall be subject to a separate written agreement.

5. Copyright and Licenses

5.1 The products and their intellectual property are protected by copyright. It is only possible to purchase a license to use the product and not the product itself or its content. The author/ creator remains the owner of intellectual property.

5.2 The customer is granted a non-transferable and non-exclusive license to use the product and the results and content in the product (with the exception of Exclusive-Services) for personal use only. As far as the customer (for example an agency) exclusively acts as the purchaser for a user mentioned by name within the order, then the right of use applies solely for said user.

5.3 Permission to use the licensed product in the national and international affiliates of the company is subject to the written approval of EUPD GmbH.

5.4 Any use of the product not explicitly permitted under copyright law is prohibited without the prior written consent of EUPD GmbH as the licensor and/or the written consent of the author. This includes but is not limited to copying, distributing, publishing, translating, saving, processing and reproducing the work in databases. Non-compliance will be prosecuted

6. Liability

6.1 The products were prepared with the utmost care, using professional methodologies and taking relevant legislation into account with the aim of assuring the best possible accuracy of the studies and their results. The data contained in this product is based on surveys of sample populations, conducted using standard statistical methods to the best of our knowledge. As such the study is subject to a certain statistical error rate and is based exclusively on the facts which were available at the time of the survey. Due to the aforementioned, no guarantee can be given for the accuracy and completeness of the studies and the data made available in them.

6.2 The studies contain specific information, but explicitly do not contain any definite recommendations on investments or actions to be taken. Should the user, having taken the above mentioned into consideration, choose to use the studies to support their decision making process, EUPD GmbH shall not assume liability for the economic success of such investments or actions.

7. Jurisdiction

The court of jurisdiction is Bonn. German law will be applied in all legal proceedings.

8. Severability Clause

Should any of these terms and conditions, either in full or in part, be invalid or incomplete, it shall not affect the validity of the other terms and conditions. In that case, the terms and conditions, as stated in German law come into effect.

As of October 2022