

## EVERYTHING FROM A SINGLE SOURCE

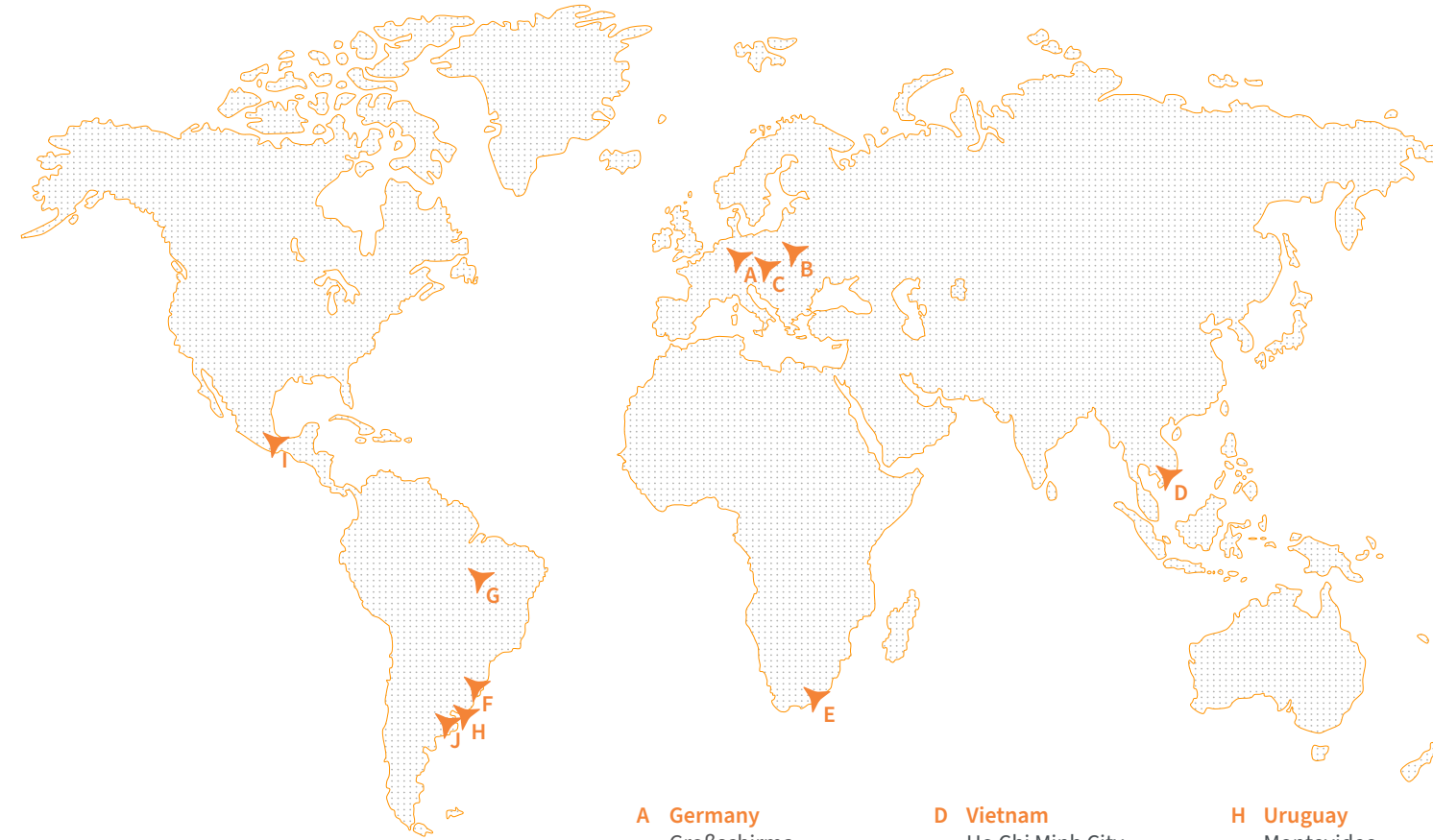
The **3ENERGY Group** is a full service provider for customized solutions revolving around sustainable and decentralized energy production and supply. We cover the entire life cycle of plants and infrastructure – ranging from planning and project development to implementation, maintenance and repair as well as the economically viable operation all the way to deconstruction and reutilization.

Our focus is, for example, on wind turbines and other sustainable energy carriers. We set standards worldwide. Beginning with the erection of the first wind turbine in 1994 in Saxony with a capacity of 270 kW as well as the successful completion of the approval of the currently largest wind farm in the Czech Republic with 42 MW up to the currently largest wind farm in Uruguay with a total capacity of 117.5 MW, our total volume of turnkey-built projects amounts to 660 MW.

### OUR SERVICES AT A GLANCE

- ▲ *Planning and realization of sustainable and decentralized power generation plants (for example, WTG, PV)*
- ▲ *Operational management, maintenance and repair*
- ▲ *Deconstruction and decommissioning management*
- ▲ *Distribution of used wind turbines as well as wind and solar farms, replacement components and spare parts*
- ▲ *Measurement and evaluation of the energy consumption as well as optimization and/or conceptual design of self consumption systems*
- ▲ *Development and sale of charging stations for electric cars and bikes*
- ▲ *Knowledge transfer in the renewable energy sector*

## WE ARE NOT ONLY FAR-SIGHTED, WE THINK GLOBALLY



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|---|---|-------------------------------------|
| <b>A Germany</b><br>Großschirma<br>Rottelsdorf<br>Beeskow | <b>D Vietnam</b><br>Ho Chi Minh City<br>Phan Rang-Tháp Chàm | <b>H Uruguay</b><br>Montevideo      |
| <b>B Ukraine</b><br>L'viv                                 | <b>E South Africa</b><br>Bedford<br>Jeffreys Bay<br>Durban  | <b>I Mexico</b><br>Oaxaca de Juárez |
| <b>C Czech Republic</b><br>Kadaň                          | <b>Brazil</b><br>Porto Alegre /<br>Rio Grande do Sul        | <b>J Argentina</b><br>Buenos Aires  |
|   | <b>G Palmas / Tocantins</b>                                 |                                     |

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## INTELLIGENT ENERGY CONCEPTS

*Wind power plants | Photovoltaic plants |  
Decentralized power supplies | charging stations*





9 Laser-based yield optimization – Complete measurement of all relevant parameters on site

10 Porto Alegre/Brazil – PUCRS; training center for university education of engineers and technicians in the renewable energy sector

11 Treuen-Pfaffengrün/Germany – Wind energy turbine “Pfaffengrün” with innovative “Droessler tower” concept of VENTUR

12 Salto/Uruguay – Planning and project planning of two photovoltaic projects with a total capacity of 74.6 MWp

13 Tacuarembó/Uruguay – Facility Management for 126 MW transformer station of the wind farm “Peralta”

- 1 Ninh Tuan/Vietnam – Project Development of the wind farm “Mui Dinh” with 16 x Enercon E-103 EP2 and a total capacity of 37.6 MW
- 2 3D Visualization of a Plug & Play MC-200 self-sufficient energy supply system for steady supply with a capacity of 200 kW
- 3 Cu Lao Cham/Vietnam – Erection of a 5 kW wind turbine as subsystem of the pilot station for the decentralized energy supply with seawater desalination plant
- 4 Midtjället/Norway – Erection of 21 x Nordex N90 with a total capacity of 57.5 MW
- 5 Tacuarembó/Uruguay – Planning, project planning and erection of the wind farm “Peralta” with 50 x Enercon E-92 and a total capacity of 117.5 MW
- 6 Canoas/Brazil – Installation of 49.2 kWp photovoltaic roof system
- 7 Tacuarembó/Uruguay – concrete tower manufacturing factory for the wind farm “Peralta”
- 8 Treuen/Germany – Erection of a Nordex N117 with a capacity of 2.4 MW

