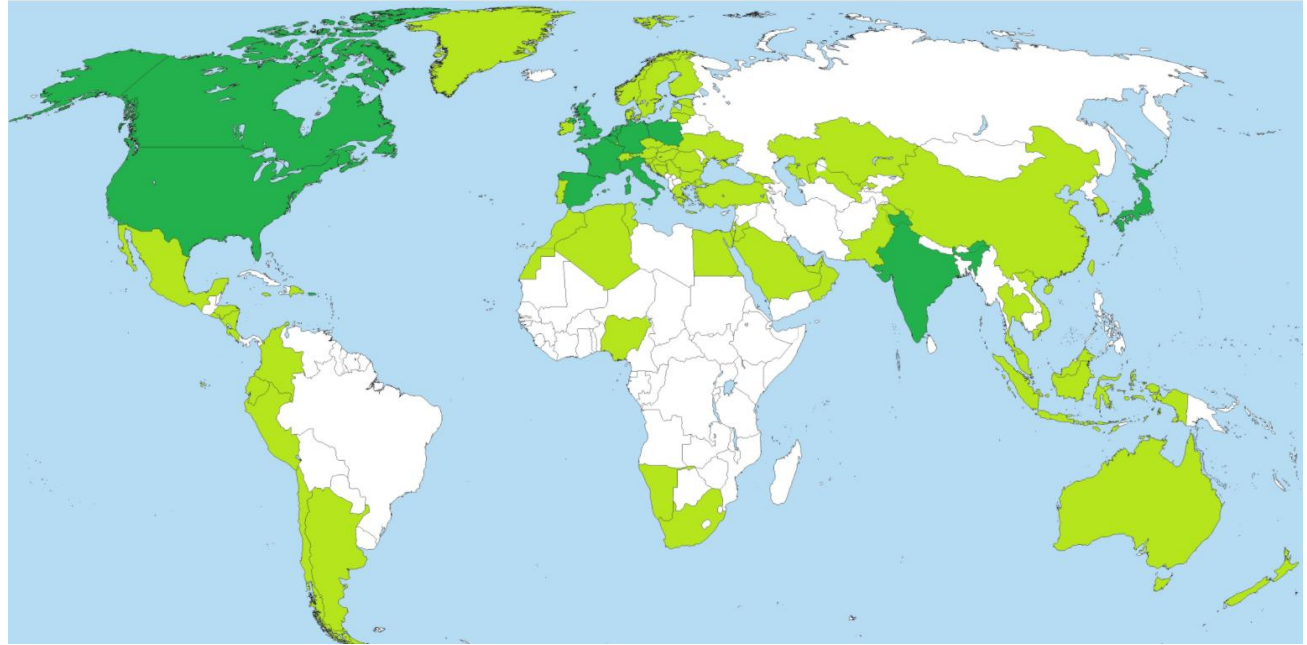


Electrification megatrends & international markets

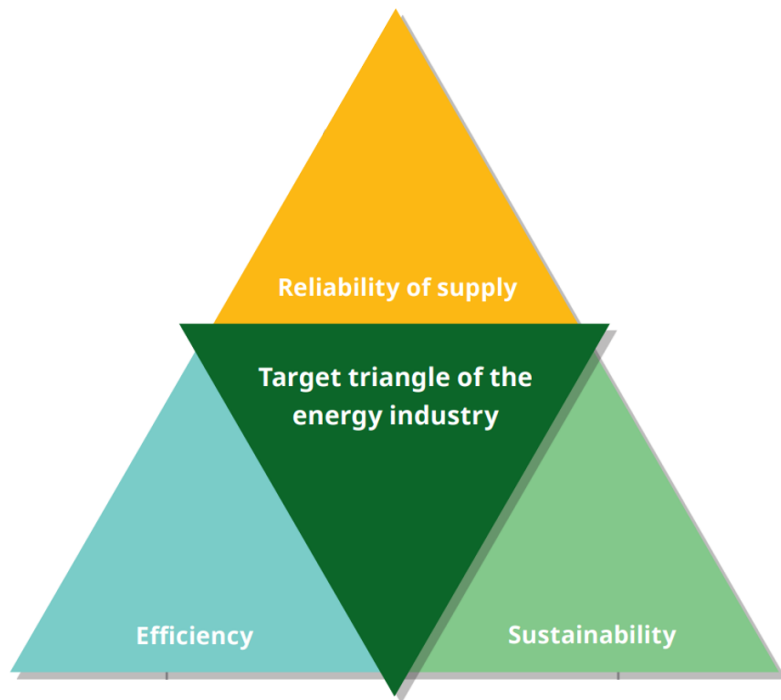
2G Global network

- >70 countries active
- 12 countries with 2G entities
- >50 Sales & Service Partners
- 2G Partner concept active since +10 years



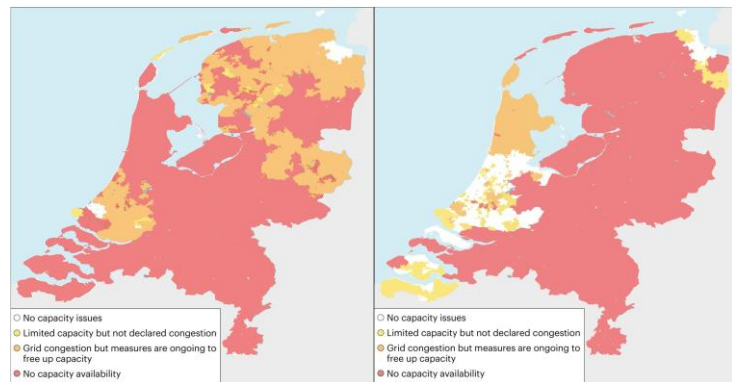
Global customer priorities

- **Reliability of supply** = energy as a vital resource, given that the grid can no longer supply it in sufficient quantities; our solutions are no longer merely an option but a necessity to ensure business continuity
- **Energy efficiency** = supplying the required energy as efficiently as possible
- **Sustainability** = while speed is the primary focus today, medium-term sustainability aspects remain part of the decision-making matrix.



Grid Congestion

- Availability of electric power by public utility grids has become a serious issue in many regions
- To prevent power outages, Operators do not allow further consumers & feeders (renewables) to connect to the grid
- Time-to-Power becomes a critical component for business continuity
- 2G Solutions are ideally suited to address these challenges:
 - High Efficiency (up to +90% if utilized as CHP)
 - Total Cost of Ownership
 - Global fleet availability of ~ 97%
 - Reliability at challenging environmental conditions
 - Quick Delivery & Dispatch
 - Fuel Flexibility (Biomethane, H2, Ammonia)



IEA: Grid Congestion Netherlands

Diesel to Gas

- Business segments that previously were using Diesel as their primary energy source are switching to Gas
- Considerations are driven by economical & ecological criteria:
 - Fuel price increase
 - Decarbonization | Emission reduction initiatives (NOx, SOx, CO2, particulate matter)
 - Integration into Microgrids | Hybrid Power Stations, alongside Renewables & Battery
- 2G Solutions are ideally suited to address these challenges:
 - Compliance with most strict emission regulations
 - Capability to work with different gas types and qualities (LNG, LPG, Methane Number)
 - Demand Response Units can adress both Back-up & Continuous criteria in parallel



Mining

- In Australia the Gas Generators are often integrated into „Hybrid Power Stations“ utilizing Megascale PV Solar, BESS and Gas Generators
- 2G cooperates with various IPPs that provide power for the Mining sites
- Focus on Mining Operations in Western Australia and Northern Territory (Gold, Copper, Rare Earth Minerals, etc.)
- 2G deliveries until Q2 2028 at > 90MWel
- Further Pipeline for delivery in 2028 / 2029 in negotiation (>50 MWel)



CHP in Ukraine

- Since 2024 2G Energy as major supplier for the civilian infrastructure
- +100MWel CHP capacity has been provided to Ukraine (public tenders e.g. GIZ, USAID) since 2024; reduced state aid tenders since end 2025
- CHP Units being utilized in critical infrastructure such as District Heating applications (island mode)
- Aside from public tenders many contracts from the private sector (e.g. Food & Beverage, Manufacturing, Greenhouses)
- Further Market potential in both new equipment & Maintenance → Re-Build Ukraine



Foto: BMZ / photothek.de



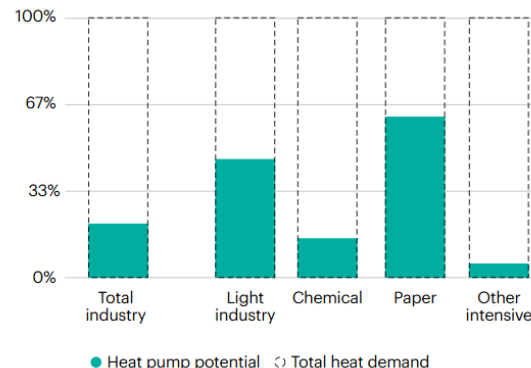
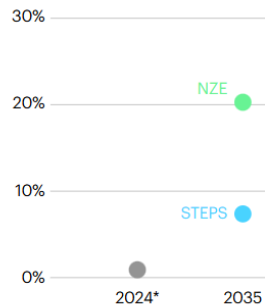
Wastewater Infrastructure

- Majority of foreign Biogas Projects are designated for Wastewater Industry
- Self-Consumption of both electrical and thermal energy for on-site processes → EU Urban Wastewater Treatment Directive/ regulation in place
- Large scale Investment in Emerging Markets and Developing countries (e.g. India, Middle East, North Africa)
- 2G collaborates with various international EPC companies to maximize market coverage and increase project chances



Electrification of Thermal Energy Supply

- Push for Electrification in thermal energy supply in Europe and other regions
- 2G Portfolio (CHP + Heat Pump) complementary to each other
- Activities for European Rollout in Benelux, France, Ireland, Scandinavia and Baltics
- Overlap of customer groups :
 - Pulp & Paper
 - Food & Beverage
 - Chemical
 - Hospitality
 - Utilities (District Heating)



Notes: STEPS = Stated Policies Scenario; NZE = Net Zero Emissions by 2050 Scenario. * 2024 values are estimates.

Industrial heat pumps have the potential to supply up to 20% of industrial heat, mainly in light industry and the paper and chemical sectors.

Data Center Market International (outside US)

- Data Center Markets are driven by power constraints of the utilities (Grid Congestion)
- Additionally local Governments call for the decoupling of large scale DC consumers from the public grid
- On-site Power Generation is currently the only viable Option to remove these Problems for DC-Operators
- 2G pursues DC opportunities in e.g. Australia, Taiwan, Japan, Malaysia, Thailand, Mexico
- Solid pipeline projects consists of >500MWel with timelines ranging from early 2028 till late 2029



Data Center Market International

HOME › BUSINESS › AUSTRALIA MANDATES 100 PERCENT RENEWABLES FOR DATA CENTERS DESPITE STATE PUSHBACK

Australia mandates 100 percent renewables for data centers despite state pushback



BY
Greg Falcone
BUSINESS & DEVELOPMENT REPORTER

PUBLISHED
August 28, 2026
3 min read



Energy and Climate Change Minister Chris Bowen told the ABC there would be “no exceptions and no carve-outs” under the plan. Commonwealth legislation will back the plan, which the government aims to pass early next year. The dispute highlights the tension between Australia’s federal and state governments over energy policy as the country faces surging electricity demand from data centers.

Bowen flatly disagreed. He said the national standards would require data center operators to invest in new renewable energy to offset their power usage, backed by battery storage or gas firing. States with



thejapantimes

JAPAN / SOCIETY

Opposition to data centers grows in cramped urban Japan

Business

Thailand pauses 166 data centre projects to rewrite rules

- The new rules will regulate water and electricity use, locations and safety, while promoting clean energy and technology transfers.

Large data centres require electricity around the clock and substantial water supplies for cooling. Their locations therefore affect surrounding communities, local power networks and water resources.

Many projects also need substations and fuel storage for backup generators, adding safety concerns when facilities are located in urban areas or close to homes.

Bloomberg

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EXCLUSIVE Oracle Cites ‘Force Majeure’ to Shield Itself on Controversial Data Center [Read more](#)

Data Center Backlash: What’s at Stake | Heat Island Effect | Big Tech’s Charm Offensive | Key Midterms Issue | Trump’s Data C

Technology

Malaysia Draws First Data Center Protest Over Pollution, Water

Key Takeaways

- **Growing demand for electricity**
across the board puts critical strain on power grids
- **Economical & ecological considerations**
favor gas-driven on-site power production
- **Resilient infrastructure**
on-site generation can be part of a more resilient infrastructure in various territories
- **Complementarity**
technical solutions are complementing each other
- **Long-term perspective**
2G offer a long-term perspective (+15 years) to address both business continuity and sustainability issues





**Thank you very much
for your attention !**