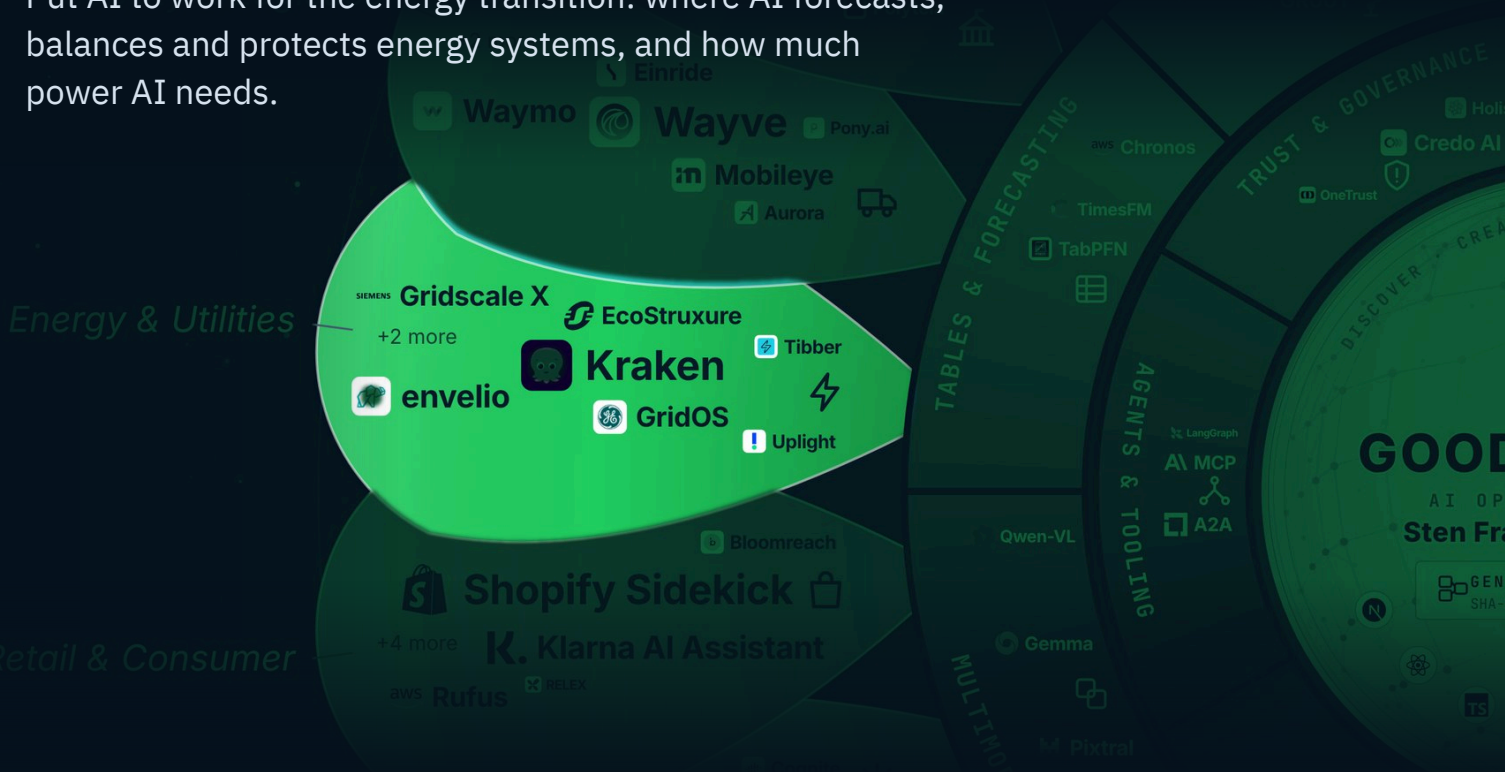
ETHORITY®
AI BUSINESS OPERATING SYSTEM

SECTOR BRIEF

GOOD AI PRISM · SECTOR BRIEF 2026/27 · ENERGY & UTILITIES

Data centres used 415 TWh. Make AI earn its power.

Put AI to work for the energy transition: where AI forecasts, balances and protects energy systems, and how much power AI needs.



415 TWh

used by data centres worldwide in 2024, rising to about 945 TWh by 2030

IEA, APR 2025

24

AI offerings mapped in Energy & Utilities

GOOD AI PRISM, OCT 2026

2 Dec 2027

EU high-risk duties for AI as a safety component in electricity, gas, heat and water supply apply

EU AI ACT, AS AMENDED 2026

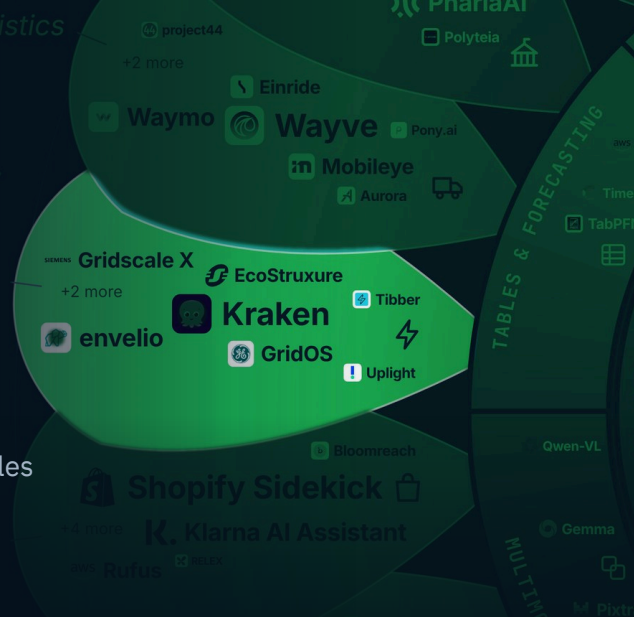
GLOBAL EDITION · EN · v1.1 · OCT 2026

Created by Sten Franke with a people and governance lens by Severin L. Wilson

Good AI Prism artwork © 2026 ETHORITY & STEN.AI LLC · CC BY-NC-ND 4.0 · data and third-party marks not covered.

In this brief.

Where AI already forecasts, balances and protects energy systems, how much power AI itself needs, what the market offers, and the rules by jurisdiction.



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ETHORITY	**The problem, how ETHORITY helps, about ETHORITY**	28
Method	**Method and sources**	31
Imprint	**Imprint, licence and lineage**	33

ABOUT THIS BRIEF

Market figures come from the Good AI Prism 2026/27 study dataset: every entry is recorded with a dated source from the provider's own pages. Job groups are ETHORITY's classification. External figures name their source, population and date; surveys are labelled and not combined. This brief is not legal advice.

AT A GLANCE

Energy is where AI meets the physical grid.

Energy faces AI from two sides. Utilities use AI to forecast renewables, balance grids and serve customers. At the same time, AI's own data centres become one of the fastest-growing sources of electricity demand.

This brief applies the Good AI Prism Market Study 2026/27 to energy and utilities. It combines the study's market map of 24 AI offerings with current research on adoption, data-centre demand, workforce and rules across major jurisdictions. Europe is ETHORITY's hub market and Germany its home and test market, so both get the closest look. The brief ends with the questions to settle before a pilot and with how ETHORITY helps.

READ ON

The Energy & Utilities area in the online Good AI Prism, with every entry, its source and date, and energy offerings compared side by side.

+17%

growth of data-centre electricity use in 2025; IEA expects it to double by 2030

IEA, APR 2026

22%

of Ireland's metered electricity went to data centres in 2024, 23% in 2025

CSO

79%

of German energy suppliers have introduced AI; 61% of them are still at pilot stage

PWC, 2026

30–50%

shorter outages with AI-based fault detection

IEA, ENERGY AND AI

about €3bn

a year for grid congestion management in Germany

BUNDESNETZAGENTUR, 2025

76m

people work in energy worldwide; more than half of 700 organisations report critical hiring bottlenecks

IEA

01

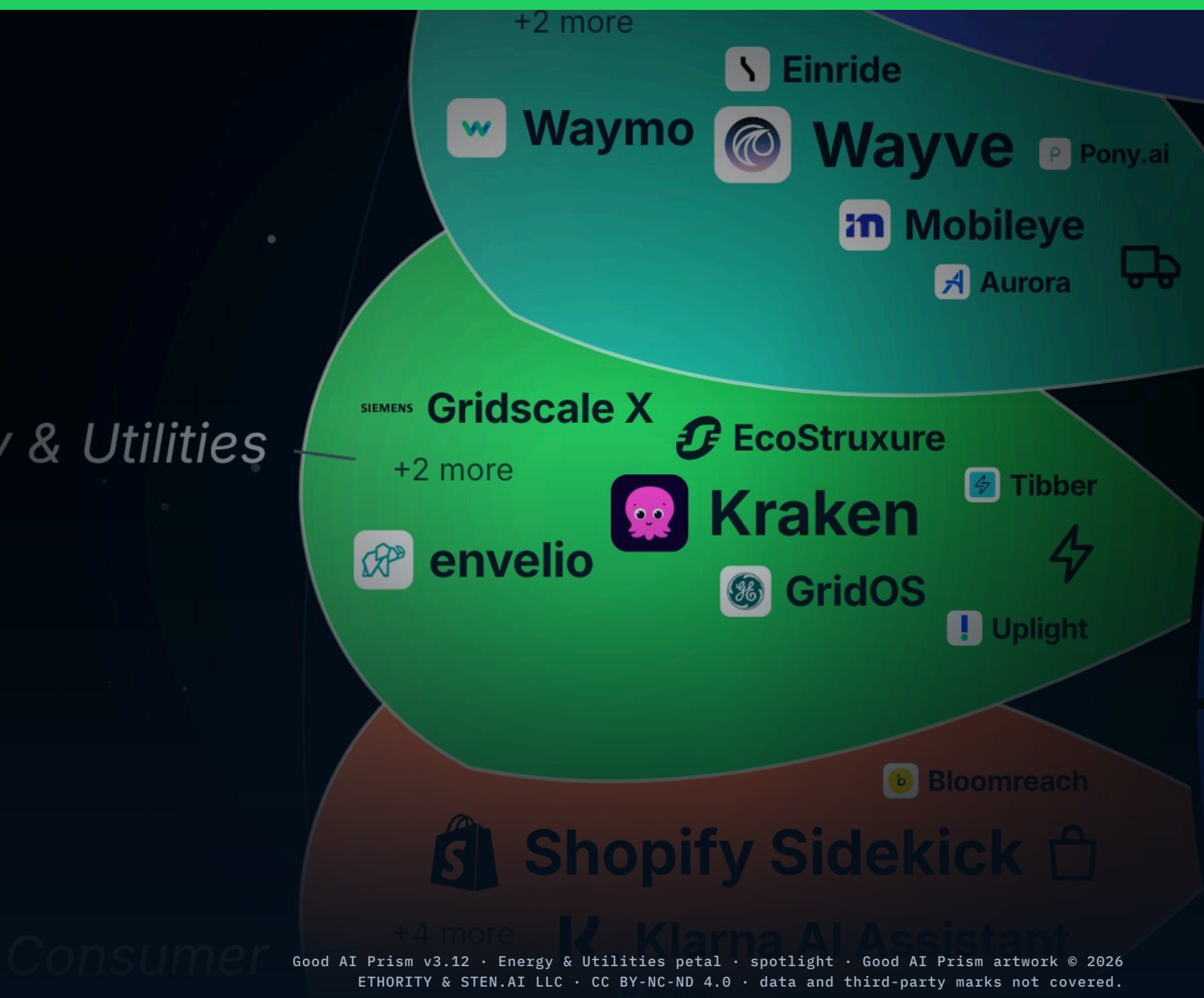
Forecasting first, the grid next.

Utilities use AI most for demand forecasting, predictive maintenance and customer service. The IEA sees large gains where AI is deployed well, such as 30–50% shorter outages with AI fault detection. Many projects remain pilots: in Germany 79% of energy suppliers have introduced AI, but 61% of them are still at pilot stage.

Energy & Utilities

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79%

of German energy suppliers have introduced AI; 61% of them are still at pilot stage

PWC ENERGY AI STUDY, VIA ZFK, APR 2026

WHERE ENERGY STANDS

Forecasting first, the grid next.

30–50%

shorter outages with AI-based fault detection

IEA, ENERGY AND AI

Utilities use AI most for demand forecasting, predictive maintenance and customer service (L.E.K., 2026). The IEA sees large gains where AI is deployed well: 30–50% shorter outages with AI fault detection, up to 175 GW of additional transmission capacity without new lines, and incidents detected 500 times faster with satellites and sensors.

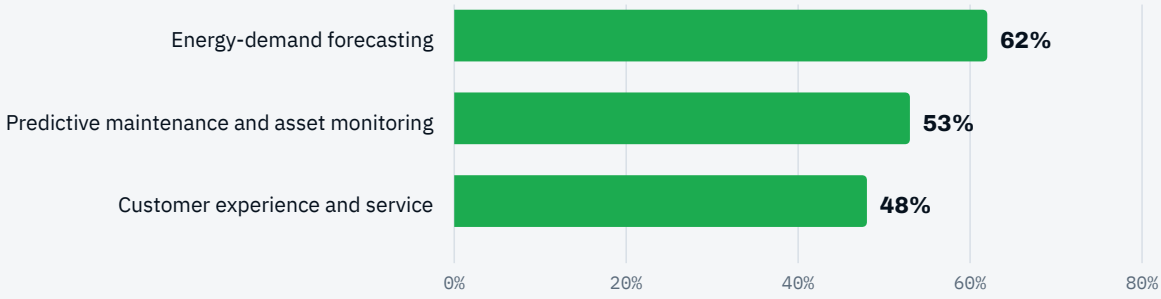
Up to 175 GW of additional transmission capacity without new lines.

IEA, ENERGY AND AI, APR 2025

EXHIBIT 1.1

Demand forecasting leads: 62% of utilities use AI for it.

Share of utilities using AI for each use case



Source · L.E.K. Consulting, 2025 Global Energy Study, Feb 2026 · more than 300 energy executives; survey

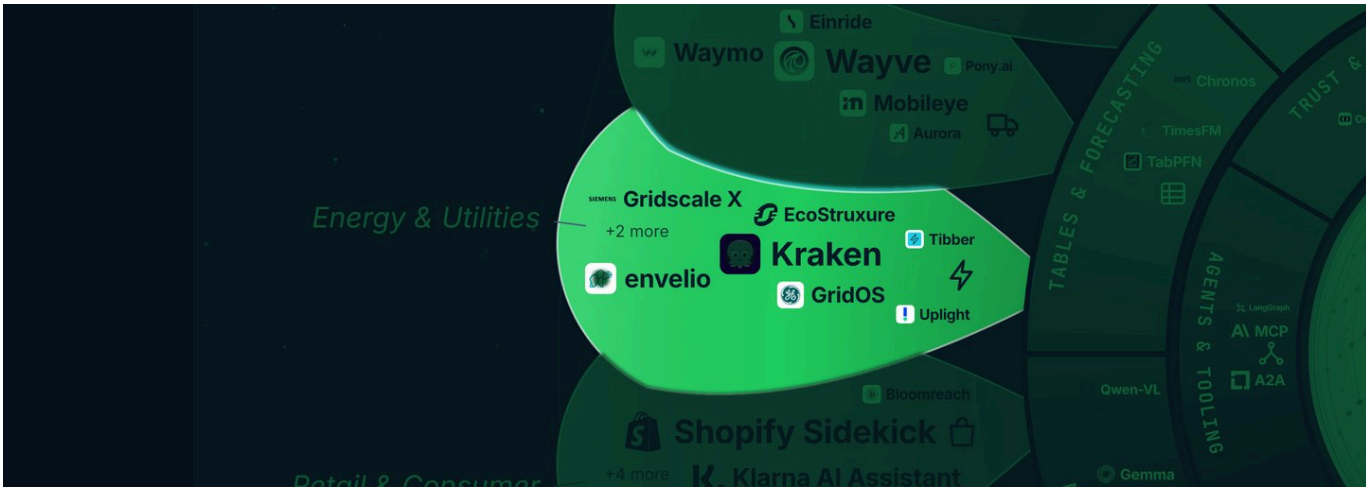
WHERE ENERGY STANDS

Many projects remain pilots.

Many projects remain pilots. In Germany 79% of energy suppliers have introduced AI, but 61% of them are still at pilot stage (PwC, 2026), and 82% of municipal utilities now see AI as an instrument of their digital transformation, up from 61% a year earlier (BDEW/EY).

HUB AND TEST MARKET

Europe is ETHORITY's hub market and Germany its home and test market, so both get the closest look in this brief.



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02

AI needs power, and power needs people.

Data centres used 415 TWh in 2024, about 1.5% of world electricity; the IEA projects about 945 TWh by 2030. In Ireland data centres take 23% of metered electricity, and in Germany about 20 TWh a year. The workforce is the second bottleneck.

Energy & Utilities

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415 TWh

used by data centres worldwide in 2024, about 1.5% of world electricity; about 945 TWh projected for 2030

IEA, ENERGY AND AI, APR 2025

THE OTHER SIDE

AI needs power, and power needs people.

2.4 : 1

workers near retirement per new entrant under 25 in advanced economies' energy sector

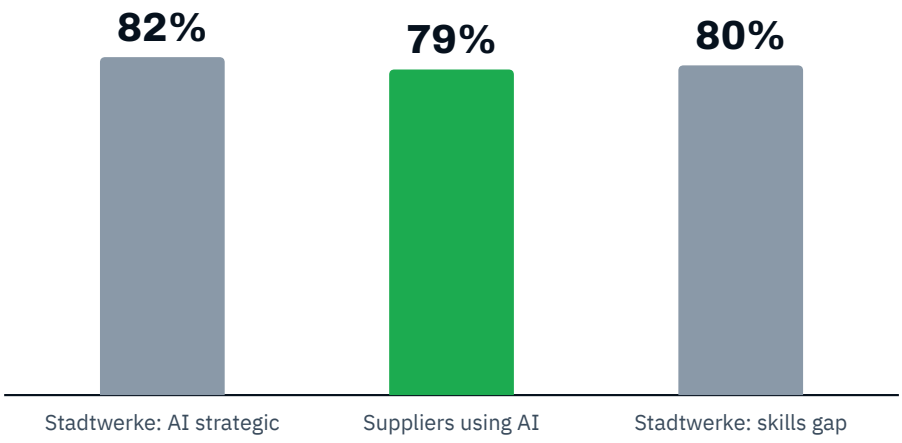
IEA, 2025

Data centres used 415 TWh in 2024, about 1.5% of world electricity; the IEA projects about 945 TWh by 2030, with the US, China and Europe using 85% today. In Ireland data centres take 23% of metered electricity, and in Germany about 20 TWh a year.

EXHIBIT 2.1

German utilities: 82% see AI as strategic, 79% use it, 80% name a skills gap.

Share of German municipal utilities and energy suppliers



Source · BDEW and EY, Stadtwerkestudie 2025 (100 municipal utilities); PwC via ZfK, Apr 2026 · surveys

THE OTHER SIDE

The workforce is the second bottleneck.

The workforce is the second bottleneck: 76 million people work in energy, but in advanced economies 2.4 workers near retirement for every new entrant under 25, and more than half of organisations report critical hiring bottlenecks (IEA). 80% of German municipal utilities name the skills shortage as a challenge (BDEW/EY).

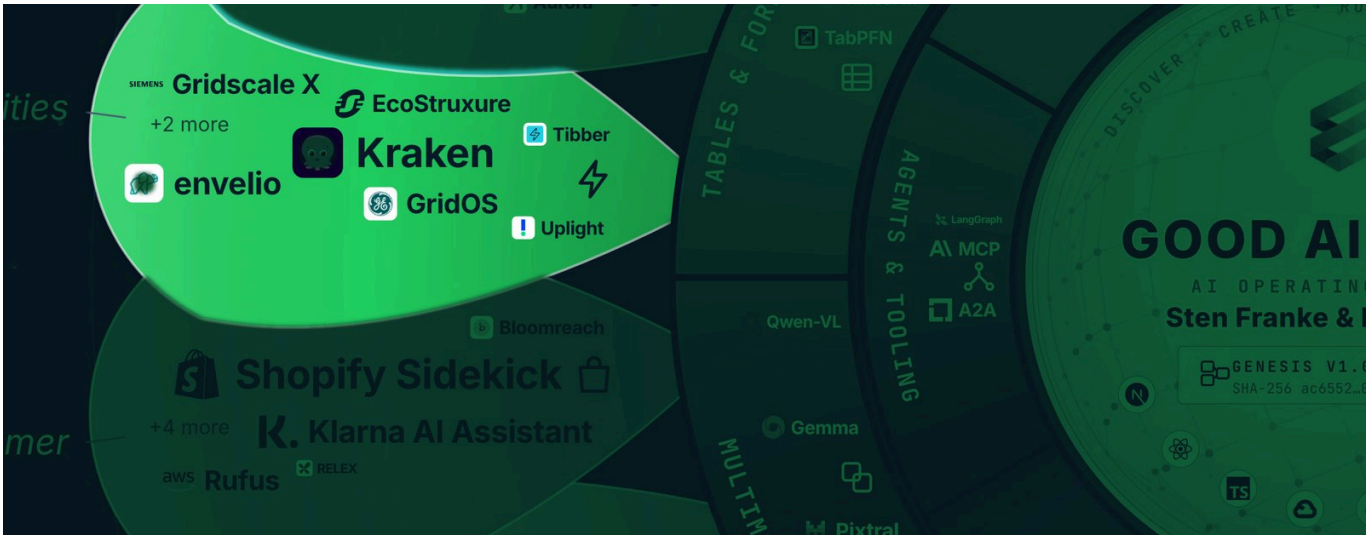
20 TWh

used by German data centres in 2024, about 31 TWh expected by 2030

BITKOM/BORDERSTEP

80% of German municipal utilities name the skills shortage as a challenge.

BDEW AND EY, STADTWERKESTUDIE 2025



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03

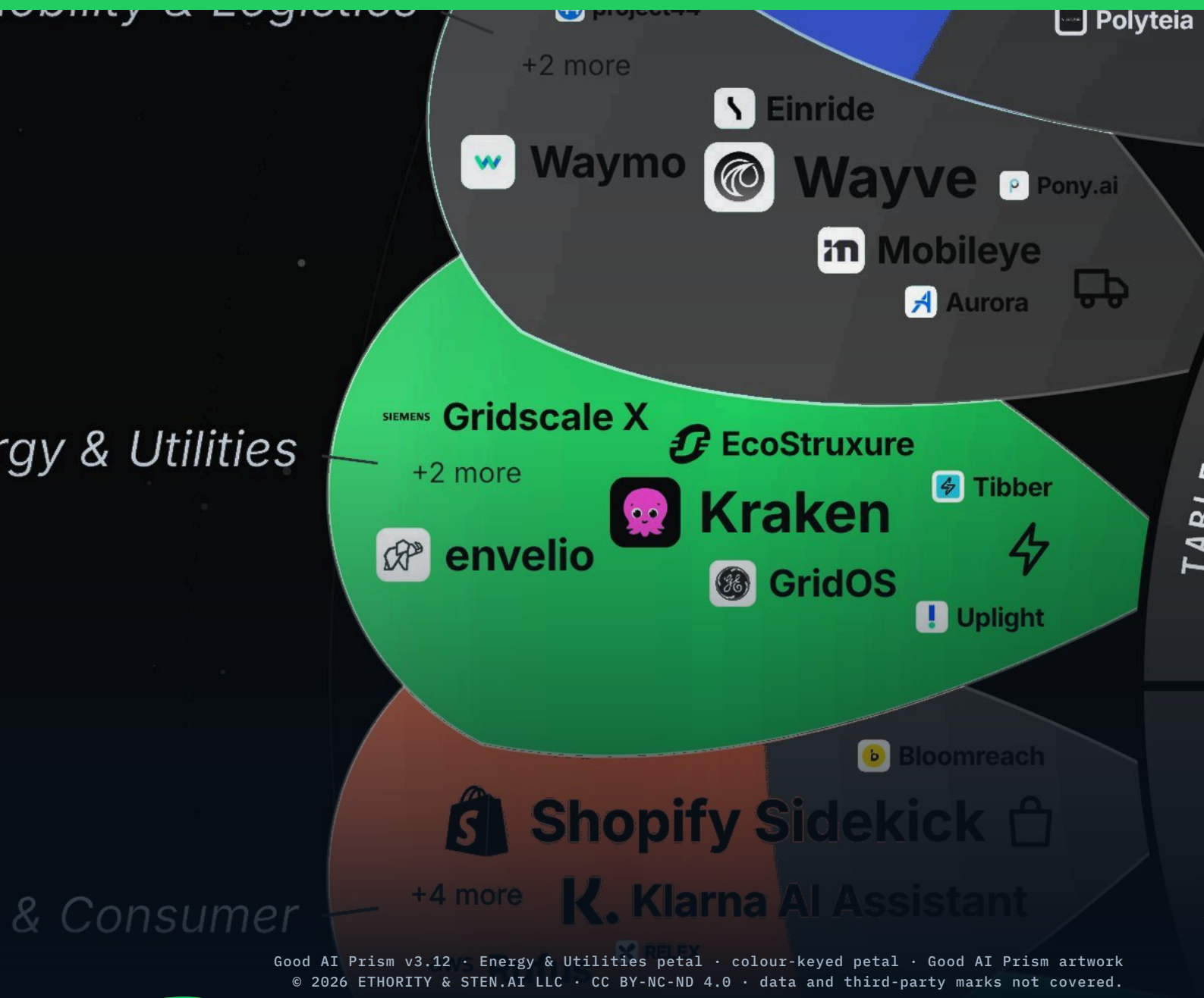
Grid safety AI turns high-risk in 2027.

ETHORITY reads the rules by jurisdiction. Europe is the hub market: the AI Act treats AI used as a safety component in the supply of electricity, gas, heating and water as high-risk, while energy-efficiency law makes data centres report their consumption. Germany adds cybersecurity, critical-infrastructure and smart-meter rules.

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Energy & Utilities



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2 Dec 2027

AI used as a safety component in electricity, gas, heat and water supply becomes high-risk in the EU

REGULATION (EU) 2026/1744, DIGITAL OMNIBUS ON AI

THE RULES

European Union: the hub market.

ETHORITY reads the rules by jurisdiction. Europe is the hub market: the AI Act treats AI used as a safety component in the supply of electricity, gas, heating and water as high-risk, while energy-efficiency law makes data centres report their consumption. Germany, the home and test market, adds cybersecurity, critical-infrastructure and smart-meter rules.

EXHIBIT 3.1

Safety-component AI in energy supply becomes high-risk on 2 Dec 2027.

EU dates for AI and data-centre energy (highlighted: Annex III high-risk)



Source · Regulation (EU) 2024/1689 as amended by Regulation (EU) 2026/1744; Delegated Regulation (EU) 2024/1364

DATES

Dates as amended by the Digital Omnibus on AI, Regulation (EU) 2026/1744, in force since 27 July 2026. NIS2 and the Critical Entities Resilience Directive treat energy as a highly critical sector.

Sep 2024 · EED	Data centres from 500 kW report energy and sustainability indicators each year (Energy Efficiency Directive).
2 Feb 2025 · In force	Prohibited AI practices apply; providers and deployers take measures to support AI literacy (Art. 4, as amended).
2 Aug 2026 · In force	Transparency: customers must be told when they interact with an AI system (Art. 50).
2 Dec 2027 · Annex III	High-risk: AI used as a safety component in managing and operating the supply of water, gas, heating or electricity (point 2). Systems that only assist or optimise are not automatically safety components.

THE RULES

Germany, the home and test market, adds its own building blocks.

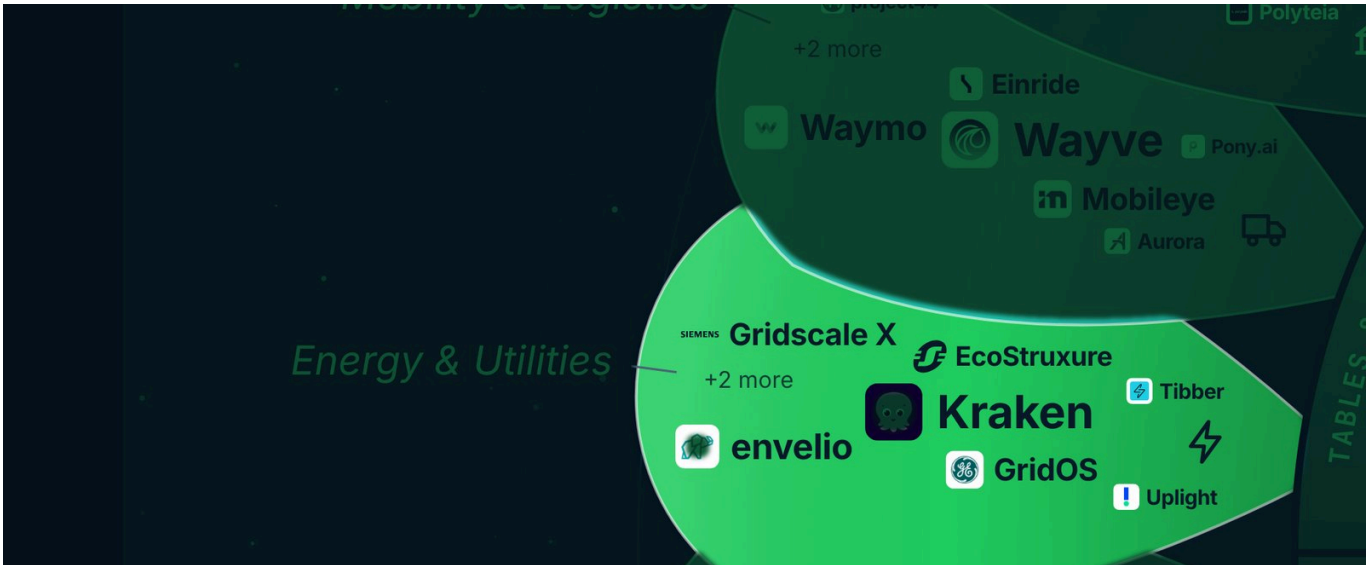
- NIS2 implementation act (Dec 2025): IT security catalogues of the Bundesnetzagentur for energy networks and plants, incident reporting to the BSI.
- KRITIS umbrella act (2026): registration, risk analysis and resilience plans for operators of critical infrastructure.
- Smart-meter rollout: 20% of mandatory cases due by end of 2025; the Bundesnetzagentur opened proceedings against 77 operators (Mar 2026).
- Energy Efficiency Act: efficiency and renewable-power requirements for data centres; an amendment is under way.

HUB AND TEST MARKET

Europe is ETHORITY's hub market and Germany its home and test market, so both get the closest look in this brief.

Systems that only assist or optimise are not automatically safety components.

REGULATION (EU) 2024/1689, ANNEX III POINT 2



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RULES BY JURISDICTION

Where you operate decides which rules apply.

Rules for AI in energy combine AI law, cybersecurity and grid regulation, and increasingly rules for the power demand of data centres. Status October 2026.

JURISDICTION	INSTRUMENT	APPLIES	WHAT IT MEANS FOR ENERGY
European Union	AI Act as amended; EED data-centre reporting; NIS2 and CER	Annex III from 2 Dec 2027	AI as a safety component in grid operation is high-risk; data centres report energy use; energy is highly critical for cybersecurity.
Germany	NIS2 act; KRITIS act; smart-meter law; Energy Efficiency Act	In force; efficiency amendment pending	Strict cyber and resilience duties; data layer for grid AI; efficiency rules for data centres.
United Kingdom	Ofgem guidance on ethical AI in energy, version 2	May 2026	Expectations on governance, explainability, human oversight and competition; licence conditions apply.
United States	EO 14318; FERC orders on co-location and large loads	Since Jul 2025; orders Dec 2025 and Jan 2026	Faster permitting for data centres and their power supply; rules for loads sited next to generation.

RULES BY JURISDICTION · CONTINUED

Texas, China and Korea: large loads and AI targets.

JURISDICTION	INSTRUMENT	APPLIES	WHAT IT MEANS FOR ENERGY
Texas	Senate Bill 6	Since Jun 2025	Large loads of 75 MW or more can be curtailed in emergencies; studies and fees for new large loads.
China	NDRC/NEA opinions on AI+ energy	Sep 2025	Targets for 2027: at least five energy large models, ten demonstration projects and 100 standards.
South Korea	AI Basic Act	Since 22 Jan 2026	Energy supply is a high-impact area with duties for risk management and human oversight.

Sources: statutes, regulators and law-firm briefings (EU, Bundesnetzagentur, Ofgem, FERC, DOE, ERCOT/PUCT, NDRC/NEA). Status October 2026. Not legal advice.



Good AI Prism v3.12 · Energy & Utilities petal lit · outer arc of the industries and functions · Good AI Prism artwork © 2026 ETHORITY & STEN.AI LLC · CC BY-NC-ND 4.0 · data and third-party marks not covered.

04

24 AI offerings, from the wind farm to the living room.

The Good AI Prism 2026/27 places 24 offerings in Energy & Utilities. Seven manage flexibility, demand response and customer energy. Six forecast renewables and trade energy, six plan and operate grids, three optimise buildings and industrial energy use, and two monitor the performance of renewable assets.

Energy & Utilities

IN THIS CHAPTER

24 AI OFFERINGS FOR ENERGY, FROM THE WIND FARM TO · 20
THE ENERGY & UTILITIES AREA IN THE · 21



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7

of the 24 mapped offerings manage flexibility, demand response and customer energy

GOOD AI PRISM 2026/27 STUDY DATASET, OCT 2026

THE MARKET MAP

24 AI offerings for energy, from the wind farm to the living room.

The Good AI Prism 2026/27 places 24 offerings in Energy & Utilities. Seven manage flexibility, demand response and customer energy. Six forecast renewables and trade energy, six plan and operate grids, three optimise buildings and industrial energy use, and two monitor the performance of renewable assets.

EXHIBIT 4.1

Flexibility leads the map: 7 of 24 offerings.

Number of offerings per job group; names alphabetical, not a ranking Logos as shown in the Good AI Prism v3.12 artwork.

7 — **Flexibility, demand response & customer energy**

Bidgely UtilityAI · GridBeyond Point · Heartbeat AI (1KOMMA5°) · Kraken (Octopus Energy) · Sympower · Tibber · Uplight

AI Act · Art. 50 disclosure to customers; NIS2 for operators; high-risk only if it controls supply as a safety component

6 — **Forecasting & energy trading**

enercast · Fluence Mosaic · Meteomatics AI power forecasts · Rebase Platform · Tesla Autobidder · Volue Data & Forecasts (Insight)

AI Act · Minimal risk in most uses; market and trading rules apply

6 — **Grid planning & operation**

AiDASH IVMS · envelio · GridOS (GE Vernova) · SIEMENS Gridscale X (Siemens) · Nostradamus AI (Hitachi Energy) · Utilidata

AI Act · High-risk under Annex III 2 when used as a safety component in grid operation

3 — **Buildings & industrial energy efficiency**

BrainBox AI (Trane) · EcoStruxure (Schneider Electric) · Recogizer energyControl

AI Act · Minimal risk in most uses; product safety law for building controls

2 — **Renewable asset performance**

Avathon APM for Renewables · Unity (Power Factors)

AI Act · Minimal risk for monitoring; Annex III 2 if it controls safety functions

Source · Good AI Prism 2026/27 study dataset · job groups: ETHORITY classification · The AI Act classifies uses, not products. Whether an offering is high-risk depends on whether it acts as a safety component in supply.

THE MARKET MAP

The Energy & Utilities area in the Good AI Prism.

EXHIBIT 4.2

Europe hosts 14 of the 24 providers, five of them in Germany.

Where the 24 providers are headquartered



14
Europe, of which 5 in Germany

10
North America

Source · Headquarters as of October 2026 from provider pages and public sources. Trane owns BrainBox AI; Hitachi owns Hitachi Energy; Kraken was spun out of Octopus Energy (Dec 2025); Vista Equity Partners agreed to acquire Power Factors.

The online Good AI Prism places each offering in its business area and shows the source and date behind every entry. The preview below shows the Energy & Utilities area as it appears in October 2026.

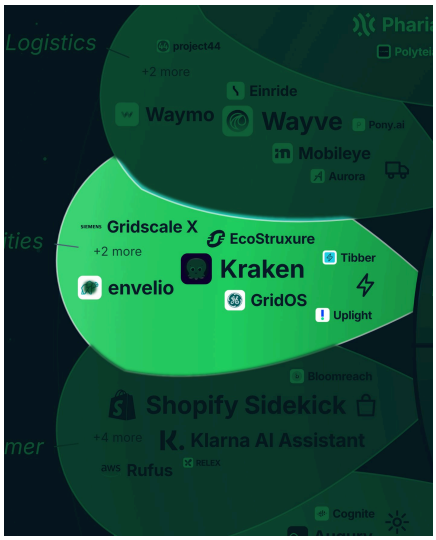
SCENARIO

How to read an area

Select an area to see the offerings placed there, then open a profile to check the provider's own statement, its date and the decision facts recorded for it, such as pricing basis, data hosting and training on customer data where documented. Compare offerings side by side.

ONLINE VIEW

Entries with their source and date. This brief counts all 24 entries recorded for the edition.



Good AI Prism v3.12 · Energy & Utilities petal lit · petal close-up with provider logos · Good AI Prism artwork © 2026 ETHORITY & STEN.AI LLC · CC BY-NC-ND 4.0 · data and third-party marks not covered.

05

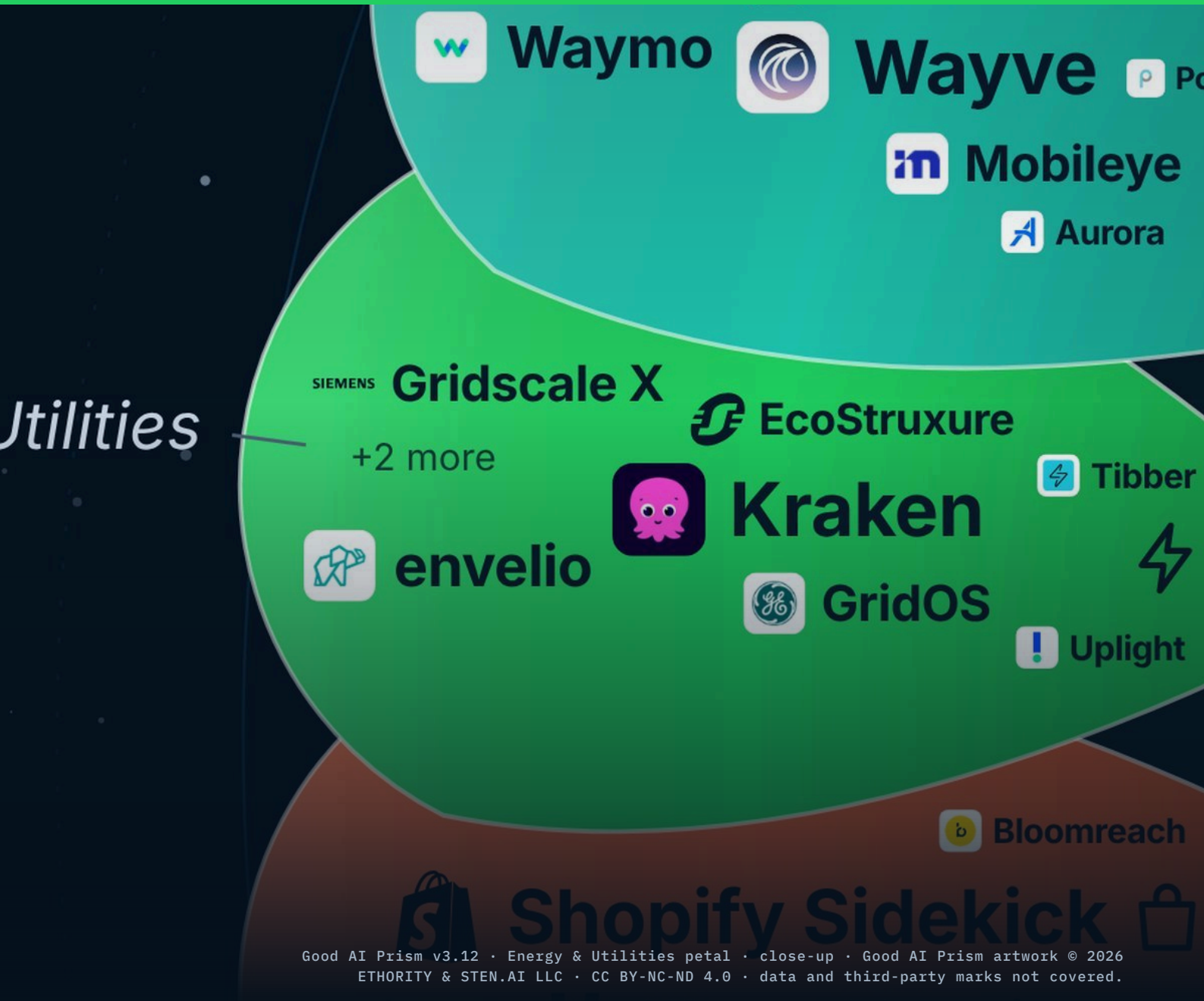
Move from pilots to operations.

AI can help run a grid with more renewables, more flexibility and fewer people, while its own demand for power keeps rising. 61% of AI uses at German energy suppliers are still pilots (PwC, 2026), and Germany spends about €3bn a year on grid congestion management (Bundesnetzagentur, 2025).

Energy & Utilities

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61%

of AI uses at German energy suppliers are still pilots

PWC ENERGY AI STUDY, VIA ZFK, APR 2026

NEEDS AND DECISIONS

What energy leaders need, and what to ask before a pilot.

What the evidence shows

GRID

About €3bn a year for congestion management in Germany; in the US only 13% of grid connection requests filed 2000–2019 reached operation (LBNL).

DEMAND

Data-centre electricity use grew 17% in 2025 (IEA).

RESILIENCE

Cyberattacks on utilities tripled in four years; AI fault detection cuts outages by 30–50% (IEA).

SCALE

61% of AI uses at German energy suppliers are still pilots (PwC, 2026).

Seven questions before AI touches the grid

1. Does it act as a safety component in supply? Then it is high-risk in the EU from Dec 2027.
2. Which NIS2 and critical-infrastructure duties apply to the system and its provider?
3. Which meter and customer data does it use, and how is privacy protected?
4. How is the model validated, and what is the fallback when it fails?
5. How does it integrate with operational technology, and can we exit?
6. Do customers know when prices, offers or controls are set by AI?
7. Which measures decide scaling: forecast error, congestion cost, outage minutes and energy saved?

WORKFORCE PLAN

Plan the people side with the technology.

When agendas change quickly, the people side breaks first: half-adopted tools, skills that lag the system, employees who were not involved, and decisions no one owns. Plan adoption, training, employee participation and accountable oversight as part of every staged commitment, not after it.

SEVERIN L. WILSON, WORKFORCE LENS IN THE GOOD AI PRISM MARKET STUDY 2026/27

Workforce annex to the pilot charter

Affected roles	Which control-room, field, trading and service roles the pilot touches, and how many people
Baseline workload	Forecast errors, response times, outage handling and service backlogs today
Skills needed	Operating, reviewing and overriding AI; training plan and owner
Staff involvement	Works council and employee representatives from the start
Oversight owner	The named person accountable for decisions that affect supply and safety
Escalation and override	How operators override an AI output, and the response time
Capacity plan	Where returned time goes: grid expansion, maintenance, customer projects or training; who decides
Measured quality	Errors, incidents, safety events and audit findings, tracked with the outcome measure

BEST PRACTICE

Saved time is not realised value.

Count it when returned time has demonstrably gone into reliable supply, faster connection or better service.

NEXT STEPS

A 90-day start for energy companies.

01

Inventory

List every AI use and model, from forecasting to customer service, including tools staff bring themselves.

02

Classify

Mark uses that act as safety components in supply; map all uses to AI, cyber and critical-infrastructure rules.

03

Involve

Bring in operations, IT/OT security, data protection and the works council early.

04

Enable

Document AI literacy measures and name accountable operators with override rights.

05

Pilot

Run one forecasting, maintenance or flexibility use with a baseline and the workforce annex.

06

Decide

Scale only on measured forecast error, congestion cost, outage minutes and customer outcomes.

ETHORITY RECOMMENDATION

ETHORITY recommendation, derived from the rules and evidence in this brief.



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CONCLUSIONS

What the evidence adds up to.

AI can help run a grid with more renewables, more flexibility and fewer people, while its own demand for power keeps rising. Five conclusions for decisions now.

1 Move from pilots to operations

EVIDENCE 79% of German energy suppliers use AI, but 61% of uses are still pilots.

WHAT TO DO Pick uses with daily measures, such as forecasting and maintenance, and scale what works.

SEE · WHERE ENERGY STANDS

2 Aim AI at the grid bottleneck

EVIDENCE Congestion management costs about €3bn a year in Germany; AI fault detection cuts outages by 30–50%.

WHAT TO DO Use AI for forecasting, congestion and fault detection where costs are highest.

SEE · NEEDS AND DECISIONS

3 Govern safety and cyber together

EVIDENCE Safety-component AI in supply is high-risk from Dec 2027; NIS2 and KRITIS duties apply now.

WHAT TO DO Classify each use, secure IT/OT integration and keep operators able to override.

SEE · THE RULES

4 Plan for AI's own demand

EVIDENCE Data-centre electricity use grew 17% in 2025 and may double by 2030.

WHAT TO DO Treat data centres as grid customers to plan for, and as flexibility to use.

SEE · THE OTHER SIDE

5 Protect know-how before it retires

EVIDENCE 2.4 workers near retirement per new entrant; 80% of municipal utilities see a skills shortage.

WHAT TO DO Use AI to capture expertise and train new staff, with the works council.

SEE · THE OTHER SIDE

THE PROBLEM

Energy is not short of AI pilots. It is short of scale, skills and safe integration.

Energy companies must integrate AI into critical systems, prove its value in operations and keep supply secure while experienced staff retire.

THE PROBLEM	WHAT WE SEE IN THE EVIDENCE	WHAT IT COSTS
Stuck in pilots	Most AI uses at energy suppliers are still pilots.	Cost without operational benefit.
Critical infrastructure	Safety, cyber and resilience rules apply to grid AI.	Delays and liability risk.
IT/OT integration	AI must work with control systems, meters and field data.	Fragile solutions and vendor lock-in.
Rising demand	Data centres add large, fast-growing loads.	Congestion and connection queues.
Retiring expertise	Many experienced engineers retire within a decade.	Loss of know-how in operations.

The question behind every project: what should improve, which options are credible, what evidence is missing, what implementation requires, and who owns the outcome?

ETHORITY



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HOW ETHORITY HELPS

From AI ambition to a grid that works.

ETHORITY helps energy companies choose, govern and prove AI: from independent market evidence to decisions that can be defended to regulators and boards, and outcomes measured in the grid.

01
Discover
Find and qualify the opportunity: options, evidence, constraints and rules.

02
Create
Design and build the solution with your data, systems and people.

03
Run
Operate it responsibly, with owners, controls and support.

04
Improve
Measure against the objective and adjust.

05
Grow
Turn what was learned into new capability and value.

Where a project can begin

AI opportunity case
One use, such as renewable forecasting, congestion management or predictive maintenance, assessed against evidence, cost and rules, ending in a decision: pilot, redesign, expand or stop.

Market and evidence review
Good AI Prism research profiles and comparisons of the 24 offerings, with a structured check of performance claims and integration.

AI estate audit
An inventory of AI and models across operations, trading and service, with owners, risks and overlaps.

Governance and AI Act readiness
Each use mapped to the AI Act, NIS2, critical-infrastructure and data rules, with proportionate controls.

AI literacy for energy teams
Role-based training for control rooms, field teams and managers, with named operators who can override AI.

From pilot to operation
A pilot charter with baseline, threshold and stop conditions, then building and running the solution on ETHORITY's AI Business Operating System.

WHO WE WORK WITH

Grid operators, municipal utilities, energy suppliers, renewable operators, data-centre operators, regulators and associations. Start with one question. Talk to us: sten@ethority.ai · severin@ethority.ai

ABOUT ETHORITY

From understanding markets to building AI capability.

2009

the first Social Media Prisma, the start of ETHORITY's market maps

ETHORITY, 21 SEP 2009

LINEAGE

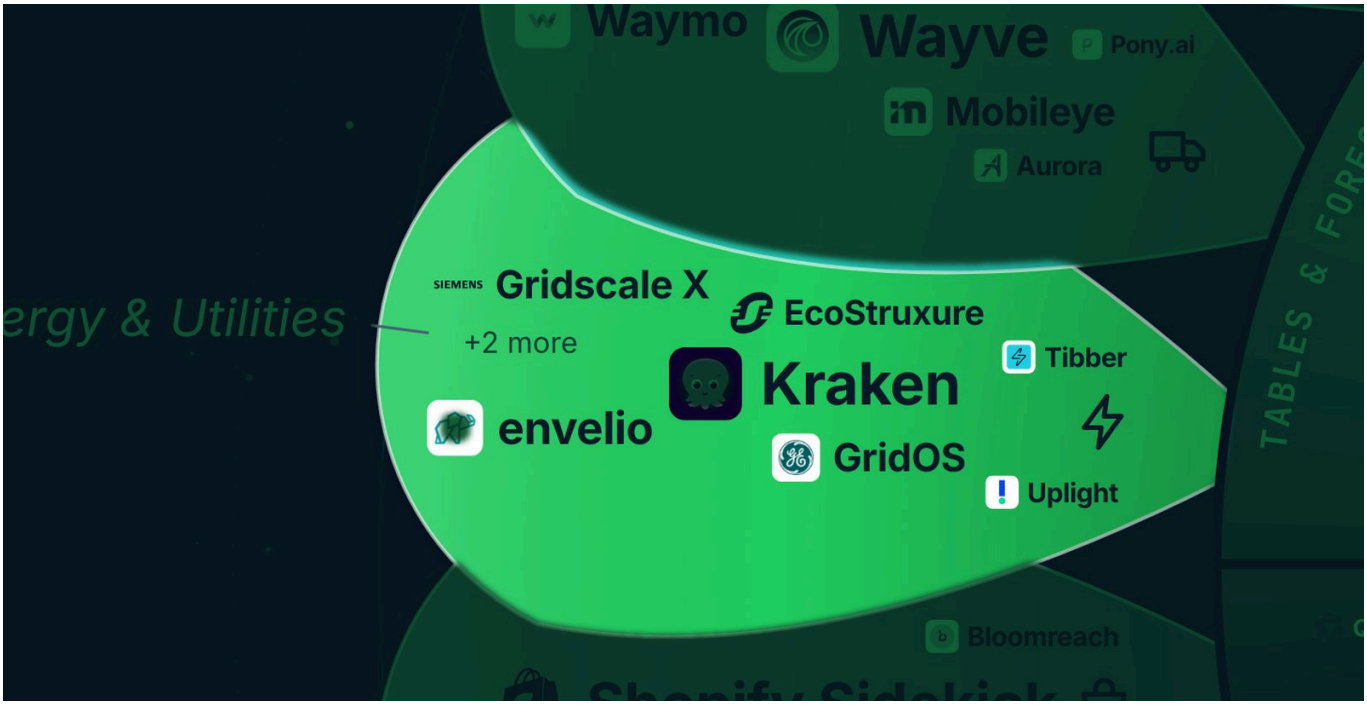
Good AI Prism by Sten Franke & ETHORITY® · since the first Social Media Prisma in 2009 · roots: ETHORITY.AI and STEN.AI

ETHORITY connects market intelligence, research and practical delivery to help organisations put AI to work. It is built as an AI1st organisation: humans and AI agents work on one AI Business Operating System, with the research, engineering and operations to build and run AI after the pilot. Its roots lie in the digital intelligence business Sten Franke founded in 2005, which combined monitoring, research and advisory work to help organisations understand changing markets.

The Good AI Prism is the entry point: research profiles, documented relationships and comparisons help users investigate their options. Advisory, governance and transformation work connect those options with an organisation's objectives, data, systems, people and operating conditions. More on ETHORITY, the company.

SELECTED REFERENCES AND PARTNERS SINCE 2005

Bosch · Bayer · BMW · Siemens · Mercedes-Benz · Coca-Cola · Deutsche Bank · T-Mobile · Telefónica o2 · DHL · EDEKA · AIDA Cruises. Selected historical references and partners from the group's market-intelligence and advisory heritage, in projects or through former group companies.



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METHOD

How this brief was built.

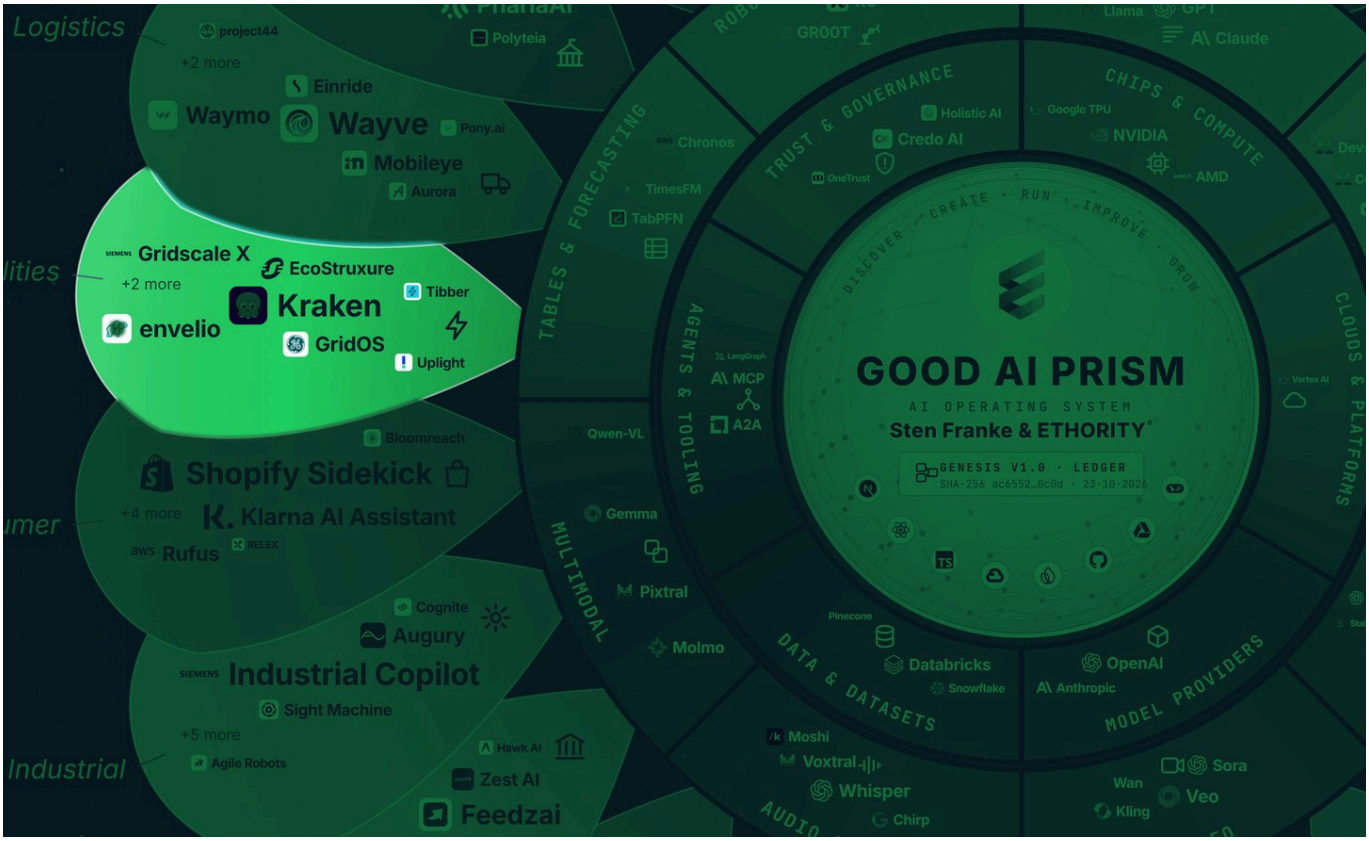
Market figures: Good AI Prism 2026/27 study dataset, Energy & Utilities area, 24 entries, each with a dated source from the provider's own pages (October 2026). Job groups and AI Act relevance: ETHORITY classification by intended use. Jurisdictions: status October 2026. External figures as cited; surveys labelled and not combined. Not legal advice.

DATASET

Good AI Prism 2026/27 study dataset, Energy & Utilities area, October 2026: 24 entries.

EXHIBITS

Charts are drawn from the figures printed in this brief; each names its source under the chart.



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SOURCES

Main sources.

01 IEA, Energy and AI, Apr 2025; IEA, data-centre electricity use in 2025, 16 Apr 2026; IEA, World Energy Employment 2025

02 L.E.K. Consulting, 2025 Global Energy Study, 27 Feb 2026 (survey)

03 BDEW and EY, Stadtwerkestudie 2025; PwC energy AI study via ZfK, 13 Apr 2026; BDEW/ZSW renewables share 2025

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05 Bitkom and Borderstep, data centres in Germany, 21 Nov 2024; CSO Ireland, data centres metered electricity 2024 and 2025

06 LBNL, Queued Up 2025 Edition, Dec 2025

07 Regulation (EU) 2024/1689 (AI Act), Annex III point 2; Regulation (EU) 2026/1744; Delegated Regulation (EU) 2024/1364 (data-centre reporting)

08 NIS2UmsuCG (BGBl. 2025 I Nr. 301); KRITIS-Dachgesetz (2026); EnEfG

09 Ofgem, Ethical AI use in the energy sector v2, May 2026; EO 14318 (Jul 2025); Texas SB 6 (2025); NDRC/NEA AI+ Energy opinions (Sep 2025)

10 Good AI Prism Market Study 2026/27 and study dataset (ETHORITY, October 2026)

RULES BY JURISDICTION

Sources: statutes, regulators and law-firm briefings (EU, Bundesnetzagentur, Ofgem, FERC, DOE, ERCOT/PUCT, NDRC/NEA). Status October 2026. Not legal advice.

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Created by Sten Franke with a people and governance lens by Severin L. Wilson.

METHOD AND DATA

Good AI Prism 2026/27 study dataset, Energy & Utilities area, status October 2026. External figures as cited; see Sources.

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AI BUSINESS OPERATING SYSTEM

FROM BUSINESS AMBITION TO AI THAT WORKS

Put AI to work, with evidence.

ETHORITY helps organisations choose, govern and prove AI: from independent market evidence to decisions that can be defended and outcomes that can be measured.

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05 **AI for Care in Ageing Societies**
Study 2026/27 · EN, DE, US and Global editions

06 **The Social Media Prisma 2009–2025**
Historic paper · EN and DE

ethority.ai/research/publications/energy-global-en

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