

Atreus Survey "Energy Turnaround now" – Energy sector 2022





Dear Readers,

Our current study shows that risk management related to supply security and investments in a faster green transformation has top priority in the energy sector and also in many (industrial) companies. The increased energy prices, the risk of non-supply and sustainable efforts to protect the climate, override many other business factors and are catalysts for accelerated transformation processes.

Around 700 top managers from the energy sector were surveyed between May and June 2022. The study gives important insights into which significant challenges are anticipated and reflected in the German economy in order to be able to successfully and sustainably implement this transformation process in the coming years. It also shows that innovations, especially in the areas of energy generation, storage, transmission/transport/distribution, flexibility and energy efficiency, are becoming increasingly important.

The main factors for accelerating the energy turnaround, according to the companies and decision-makers surveyed, are a massive improvement in the regulatory and general legal framework, the expansion of renewable and alternative energy sources, and the development and alternative energy sources, as well as the expansion and restructuring of transmission and distribution networks.

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The Survey Parameters

- + Period of the survey: May-June 2022
- + Method: Online-Poll using questionnaires with closed and open questions
- + 700 C Level Participants







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"Risk management for energy procurement is currently considered a top priority.

The gas emergency plan that has been put into effect and concerns about the situation deteriorating furtheris fueling this development. The topic of energy is now one of the top among the top issues for managing directors, board members and supervisory boards. managers, board members and supervisory boards for reasons of risk and investment. The transformation speed to a climate-neutral future is massively accelerated."

MARTIN SCHULZ,

Partner & Director, Head of the Solution Group Energy and Environment





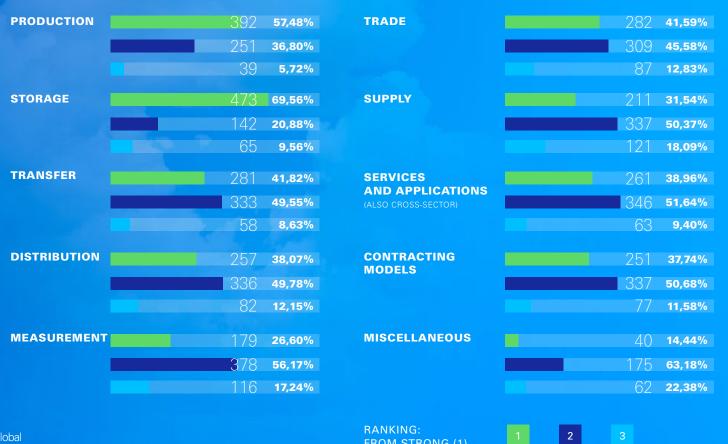
How do you assess the current turbu	lence on the energy markets
for the transformation of the energy	' industry?

CLEAR CATALYST FOR INCREASED "GREEN" TRANSFORMATION.	217		31,31%
BRAKES, AS SECURITY OF SUPPLY AND RISK MINIMIZATION CURRENTLY HAVE PRIORITY	136		19,62%
BOTH AND – WITH DIFFERENT TIME HORIZONS.		340	49,06%





How do you estimate the development (growth, incoming orders) of the individual energy sectors in the next 12 months?







How **sustainable** is the development according to your selection?

LONG-TERM, SUSTAINABLE (>3 YEARS)	238	35,21%
MEDIUM-TERM, CONCERNS THE NEXT 1 TO 3 YEARS	300	44,38%
SHORT TERM, CONCERNS THE NEXT 12 MONTHS 82		12,13%
HIGHLY UNSTABLE, CAN FLUCTUATE AT ANY TIME 56		8,28%



What do you currently see as the **three main drivers of transformation** in the German energy industry?

CLIMATE PROTECTION, SUSTAINABILITY, DECARBONIZATION	405	65,85%
SECURITY OF SUPPLY, ALTERNATIVE SOURCES OF GENERATION OR PI	ROCUREMENT	549 89,27%
INCREASED ENERGY PRICES, COST PRESSURE	439	71,38%
VOLATILITY ON THE ENERGY MARKETS 164		26,67%
INTEGRATIVE, CROSS-SECTOR SERVICES 19		3,09%
CHANGING CUSTOMER PERSPECTIVES, EXPECTATIONS AND ROLES	83	13,50%
digitization and data 54		8,78%
COMPETITIVE ENERGY POLICY 46	***************************************	7,48%
OTHER DRIVERS 37	***************************************	6,01%



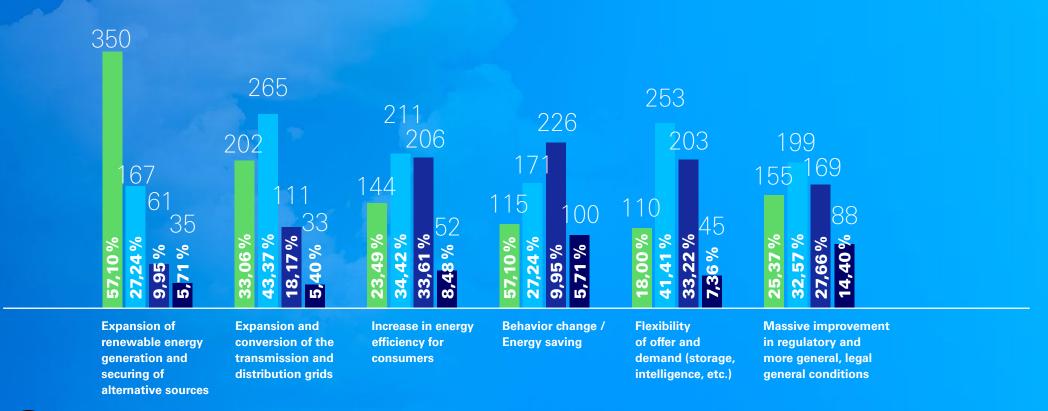


"It is safe to assume that the development of skilled labor in development of companies across all sectors will gain momentum for the energy sector in all industries."

THOMAS GLÄßER,Director & Head of Solution Group Infrastructure Major Projects

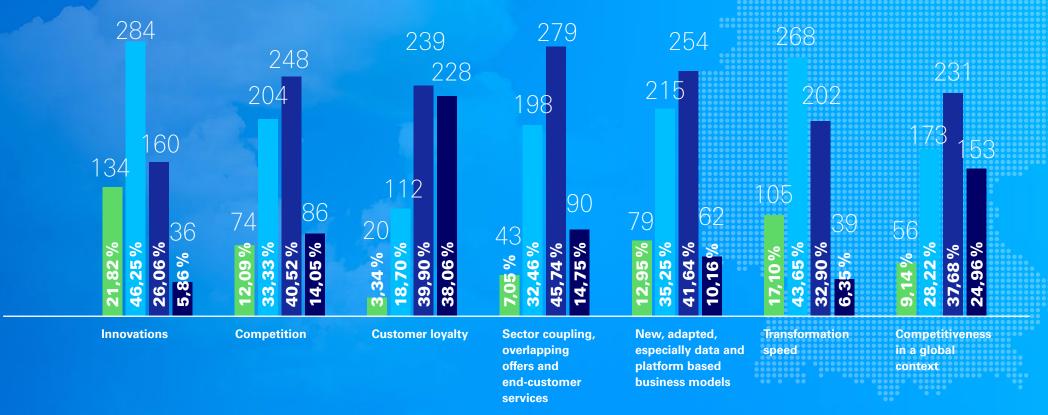


In general, how do you rate **the impact of key levers** for accelerating the energy transition?





What **consequences** do you expect from the current crisis for the **German energy industry** with regard to...?





RANKING: FROM VERY STRONG INCREASE (1) TO WEAK INCREASE (4)







"What is surprising is the low impact of the energy turnaround through a change in behavior. It is in fact a mix of different measures for the overall impact on businesses. Even if current developments place the onus on German industry and in particular on energy service providers, producers and suppliers, households and society as a whole must also help to use energy sparingly and efficiently."

JESSICA BREUER, Director Solution Group Energy and Environment





What are **important, current measures** for (industrial) companies as **a result of the current turbulences** on the energy markets? (Sort by priority)

RISK MANAGEMENT FOR ENERGY PROCUREMENT		4, <mark>30</mark>
INCREASE DEGREE OF SELF SUFFICIENCY (REGARDING ENERGY)		2,84
INVESTMENT IN GREEN TRANSFORMATION		2,76
INCREASE MANAGEMENT- INCREASE		2,70
RESTRAINT IN KEY INVESTMENT INVESTMENT DECISIONS, E.G. WITH REGARD TO THE ESTABLISHMENT AND EXPANSION OF PRODUCTION CAPACITIES		2,58
0 1 2 LOWEST PRIO	3 4 HIGH	5 IEST PRIORITY



What **development** do you expect with regard to changed competencies and **need** for **external know-how** in the next 1 – 3 years?



ATREUS SURVEY



ATREUS **SURVEY**

ATREUS

THE CHANGING ENERGY WORLD

How the transformation is affecting established and new business models.

The survey was created by Atreus GmbH in July 2022.

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