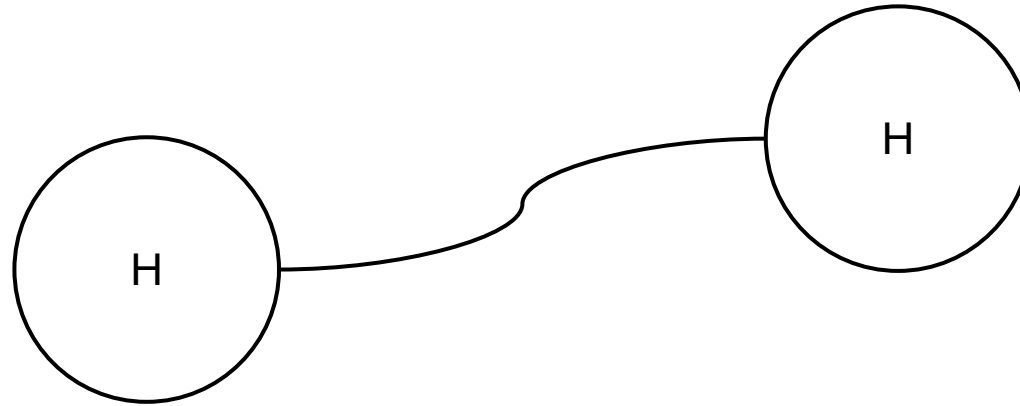


FINE CLIMATE CONSULTING

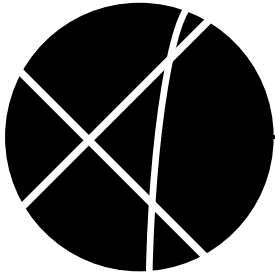
EATING SHARKS

LET'S OPEN THE ENERGY VAULT UNDER OUR FEET!

Natural Hydrogen NatH_2
New high potential in the energy mix?



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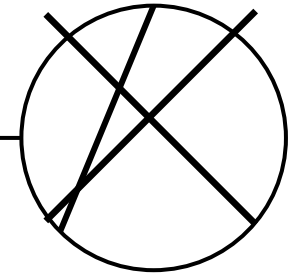


Dear partners,

In my view, the world is neither black *or* white, nor black *and* white, but has many dimensions. Fractious polarisation or contrarian equalisation are at the root of conflicts that threaten civilisation, such as hybrid wars. Those who promote these have cancelled the civil contract, which represents a chapter of progress for humanity. Meaningful coexistence with integrity and trust is no longer possible. New technologies and innovations are linked to creative work that cannot find a large-scale nurturing ground in such a hostile environment. I focus on business leaders who uphold rational and discursive cooperation based on goodwill for all-round growth. I offer them valuable know-how about cutting-edge technologies in the key industry energy for strategic positioning.

I look forward to seeing you! Yours sincerely,

Content



Natural hydrogen NatH_2 : new high potential in the energy mix?

Securing critical infrastructure: energy

What is natural hydrogen?

Key players

Chances

Risks

The human factor

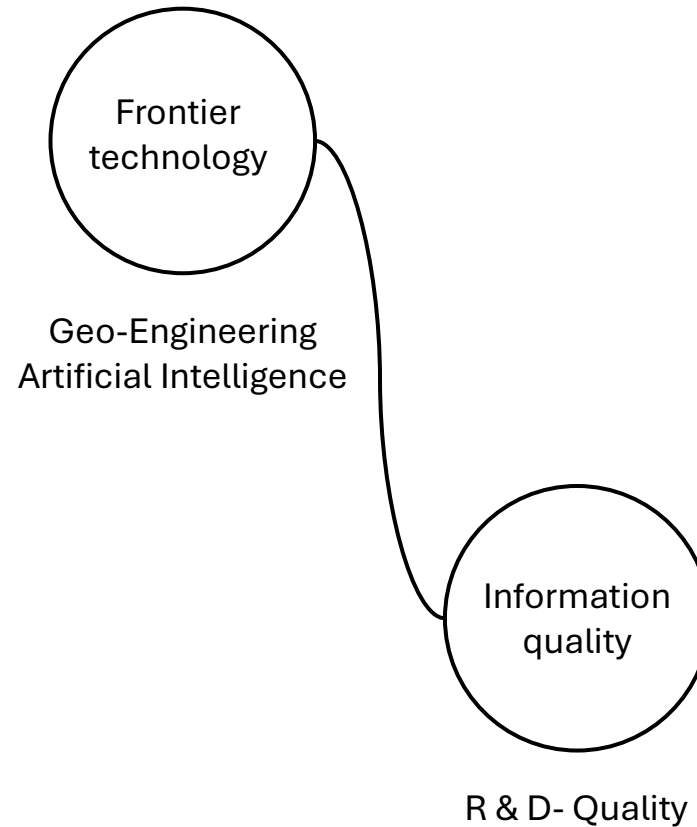
Key economic indicators

NatH_2 in Siegerland and Westerwald?

Recommended actions

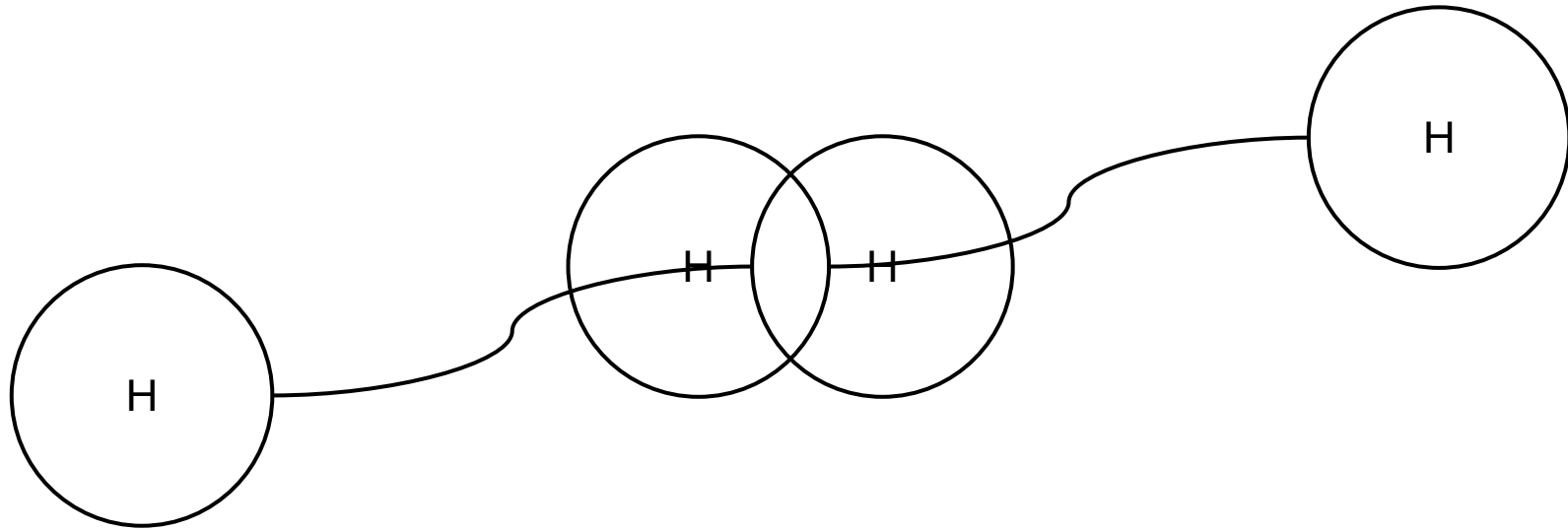
Securing critical infrastructure: energy

Urgent: Building up know-how



What is natural hydrogen?

NatH_2 is a primary source of energy



NatH_2 is produced on earth through complex geochemical processes in the earth's interior, e.g., through the reaction of ferrous rock with water. It is a primary source of energy. Whether it has economically viable potential is currently unclear.

Key players

A pilot in Mali, Koloma with attention bonus

International

Hydroma, Mali, CA
Koloma, US
International Energy
Agency IEA
USGS, US
CSIRO, AU
Gold Hydrogen, AU
HyTerra, AU
Vladimir Larin, RUS

Europe

Viacheslav Zgonnik, FR
Alain Prinzhofer, FR
Isabelle Moretti, FR
Omar Maiga, FR
Geological Society
London, UK
Oxford University, UK
Helios, ES
HyAfrica, inkl. DE

Chances

Clear economic benefits, high acceptance

		Geopolitically independent: local & decentralised		Value architecture with geothermal energy & helium	
Primary energy	Zero emissions				
		Know-how, equipment Oil & gas		Lean production without additional water	24/7 Production
Cheap	High social acceptance				

Risks

Hydrogen is small, fast and reactive

Worldwide only 1 pilot in Mali	High system complexity, complicated	New research field		Lack of systematic studies
		Consumption by microbes	Unclear potential and risk	If potential, then 'only' as sustaining innovation
Properties of hydrogen, e.g. reactivity	Location of production site			

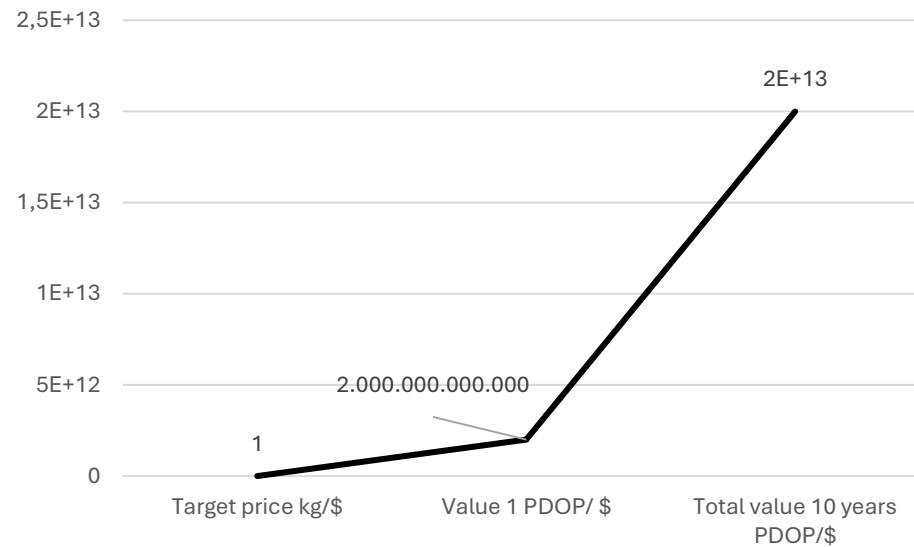
The human factor

Key economy energy and industrial espionage

Industrial espionage by secret services	Ideologies of an unhealthy character	Exaggerated promises due to stock market & investor pressure		Military players
		Fragmented authenticity & integrity	Silo thinking & incompetence	“Stage science” based on effect and desire to please, not on scientific truth
Major influence of big players	Disinformation & scientific fraud		Lack of social skills	Closed systems: lack of versatile perspectives

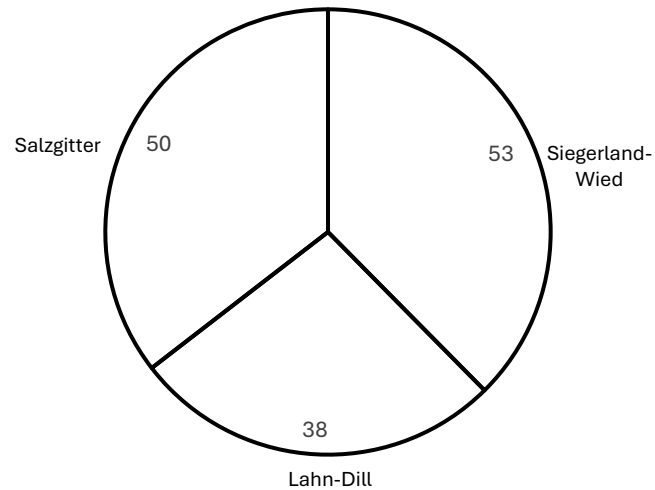
Key economic indicators

Estimated price and potential/value



NatH₂ in Siegerland and Westerwald?

The Siegerland was Germany's most important supplier of iron ore, mio t Fe



Recommended actions

Humans first, then technology

The IEA sees a moderate role for NatH_2 in the energy mix. I also think it is interesting, but in a different context and at a different technology readiness level. However, whether a technology becomes socially and economically valuable depends on people.

What experience do I base my statement on? My family from Siegen can look back on over 170 years of clothing business tradition. After studying textile engineering, I managed large IT projects and built up the Scandinavian market as Business Development Manager at the start-up legend myToys. As CEO, I have already managed my own e-commerce company in the fashion business. I was responsible for the national Equal Pay Day and worked with consultants from Kurt Salmon Associates (Accenture), McKinsey and E&Y. I am also proud of my grown-up daughter. Securing affordable, clean and independent energy is a top priority for future generations. I conduct my own research and am committed to scientific curiosity, quality and integrity - and to entrepreneurial vision with flair.

You will get the best consultancy for intelligent local energy systems, from Germany's leading expert in NatH_2 .

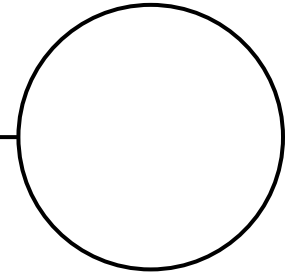
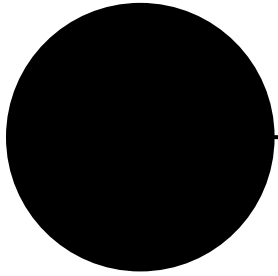


contact

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Industrial espionage

In North Rhine-Westphalia and Hesse, the highly controversial and expensive surveillance software 'Palantir' was introduced by the CDU and the Greens. In Baden-Württemberg, the two parties decided to do the same. In Bavaria, this was done by the CSU with the Free Voters and votes from the AfD. These federal states are Germany's economic powerhouses. The extreme right founders of Palantir are deeply entangled with the CIA and NSA. Their normalization in the media as "right-wing conservative" is a euphemism. The underlying business model is industrial espionage, which causes serious damage to German companies, politics, and civil society.

I consider the parties, especially the Greens, to be naive in terms of economic policy due to short-term power interests. Because of these differences, I resigned from my short membership in the Green Party. Normally, our own intelligence services would be responsible for preventing industrial espionage.

As an engineer, I find solutions for the root causes of problems, not for the symptoms.

August 2025