

Two Futures of EV Charging: Interoperability, Security & Scale



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Two futures of EV Charging

Interoperability, Security and Scale



The Global Risks Report 2026 21st Edition

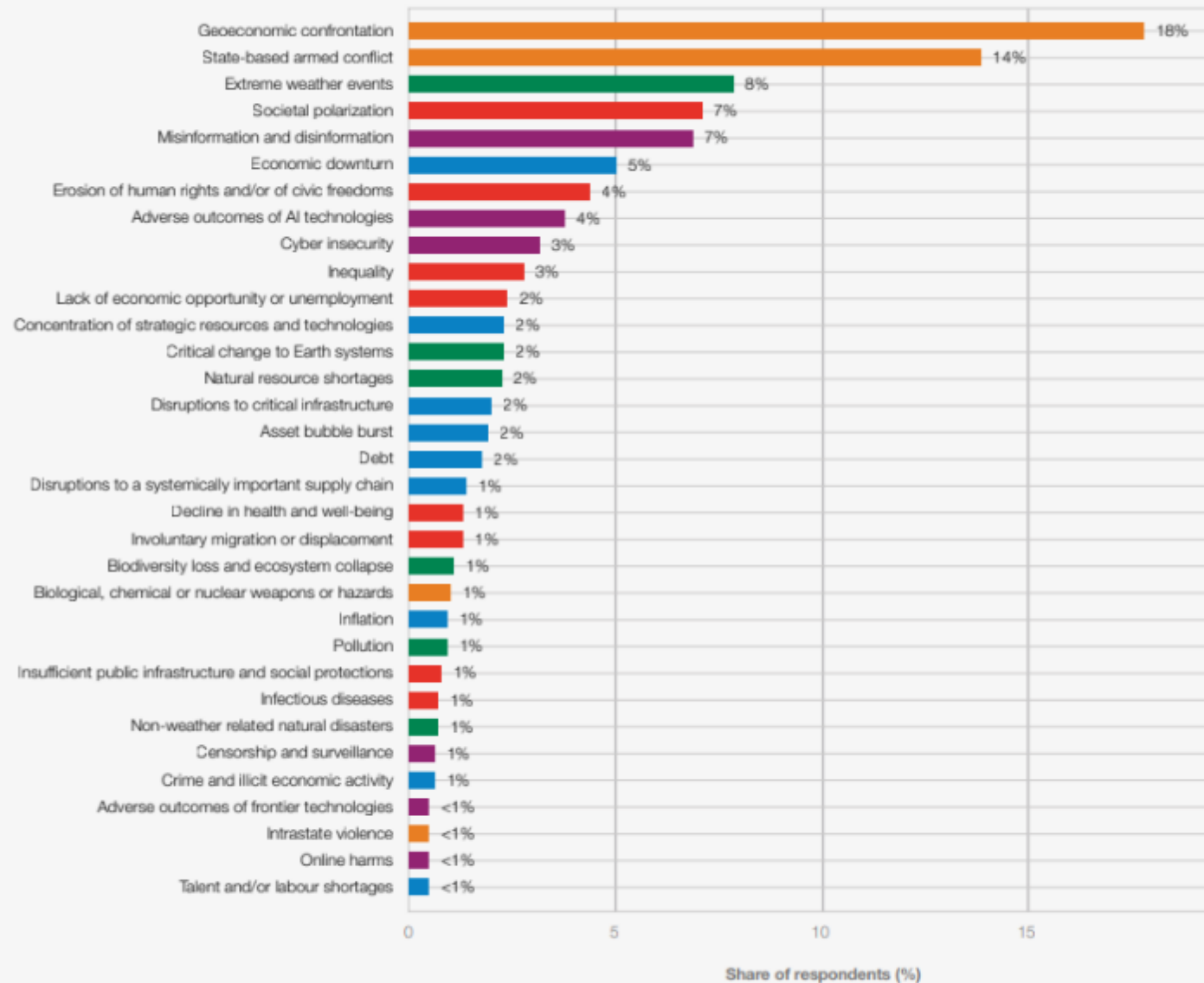
INSIGHT REPORT



FIGURE 2

Current Global Risk Landscape

"Please select one risk that you believe is most likely to present a material crisis on a global scale in 2026."



Source

World Economic Forum Global Risks Perception Survey
2025-2026

Risk categories

■ Economic
 ■ Environmental
 ■ Geopolitical
 ■ Societal
 ■ Technological

The transition to Emobility is a generational transition – so endurance and focus is needed!

The transition to Emobility started 15 years ago.....and we will need another 15 years to make the transition!

The EV charging industry has been facing

- necessary, continuous technological development – new requirements every 3 to 5 years
- Differences in International regulations
- Industry political ‘geofencing’ from the USA, Europe, Japan and China
- Vested interests (fossil - , automotive - and utility industries)
- Policy uncertainty
- International competition, particularly from China

And - as a result of all of the above - low profitability

Endurance: most of our industry is operating in a system driven by short term profits and market efficiency

Short term profits

Are not a characteristic of the EV Charging Infrastructure Industry
Many investors who acquired the 'Best In Class' companies in our industry have now decided to divest – leaving the company worse off or even bankrupt



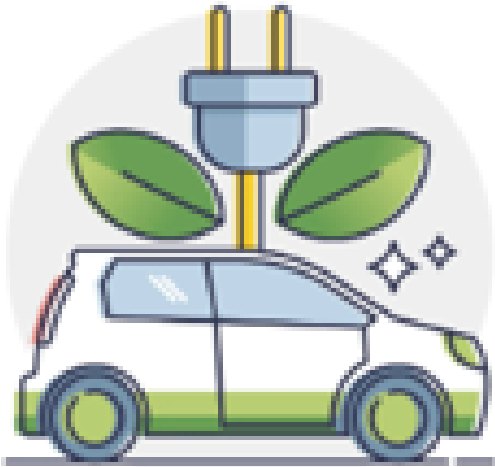
Market efficiency

Leads many investors to opt:

- To design, develop, produce in China
- To 'white label' Chinese product



There is too much at stake to rely on short term profits and market efficiency



**SWITCH TO AN ELECTRIC
VEHICLE**

EV charging infrastructure is not about short-term profits, it is about

- our transportation
- our electricity grids
- achieving our climate goals
- autonomy and control, transparency, export & economic interests
- cybersecurity

Two possible futures

OCA's future

Built on OCPP, interoperability, cybersecurity by design, grid flexibility, innovation and competition.

Learn from the best! Reduce costs by reusing knowledge.

Support the industry

Diverse market, domestic and import, large and small businesses

Without support for OCPP

Fragmentation, proprietary ecosystems, increased complexity, higher costs and slower progress.

Invent the wheel – 'our situation is different'; adding costs only few can afford

Let the market pick the winners

A monoculture – a few companies

Two possible futures

OCA's future

Built on OCPP, interoperability, cybersecurity by design, grid flexibility, innovation and competition.

Focus on digital safety

Embed standards and certification

Work together! And build an ecosystem

Without support for OCPP

Fragmentation, proprietary ecosystems, increased complexity, higher costs and slower progress.

Let the market address digital safety

Let the winners in the industry decide the rules

Go alone! And carry all the burden

**Join the OCA
community!**

