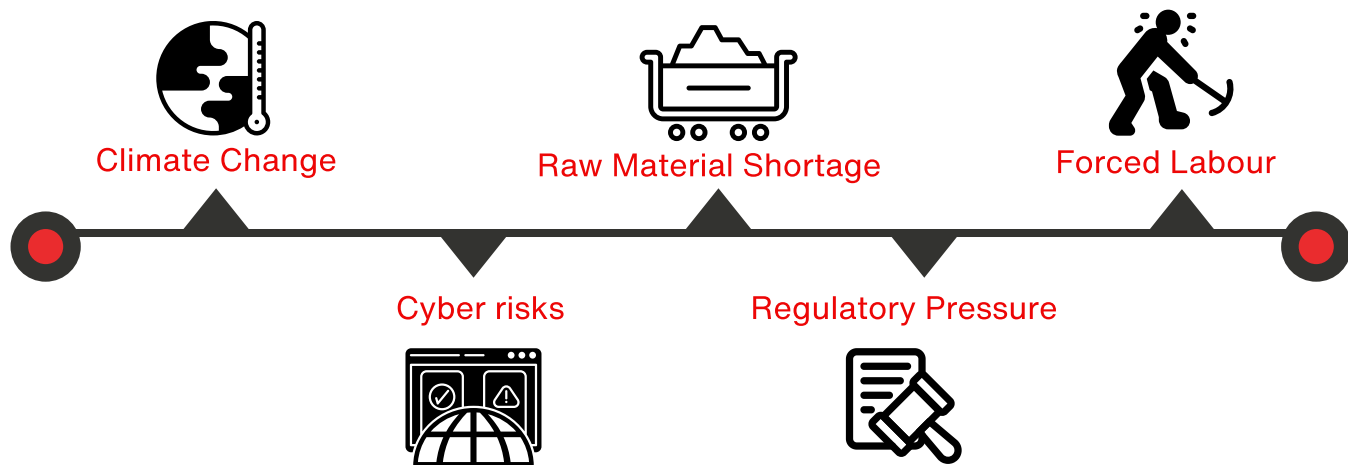


# ARE YOU AT RISK?

2024 SUPPLY CHAIN RISK HOT SPOTS EVERY ENERGY PROCUREMENT PROFESSIONAL NEEDS TO KNOW



## ENERGY SUPPLY CHAIN HOT SPOTS



### Shortage of Raw Materials

**2020 TO 2030 INCREASE  
LITHIUM X7 COBALT X2  
GRAPHITE X4**

The growing use of renewable energy sources has increased the demand for raw materials, especially those used in common battery technologies.

### Energy Prices

[Achilles ASCRI Reports](#) show energy prices continue to be unpredictable posing a high risk to energy supply chains.

**48.6**  
Supply Chain Resilience Score



### Geo-politics

The Ukraine conflict has disrupted oil and gas supplies and halted a significant source of lithium for transition technologies. Potential mineral sources in Africa are also effected. China can supply up to 60% of global demand for clean energy technologies, but tensions between China and the West could pose a risk to suppliers.

### Forced Labour

As the world is moving towards using renewable energy, the world's biggest solar producers, including companies from the UK, Germany, the US, Australia, Japan, and Kenya, have been found to employ forced Uyghur labour in their supply chains.



### Regulatory Pressures

The energy industry is facing more pressure to source their materials responsibly and sustainably, with increased effort to ensure that oil extraction and raw material mining are free of exploitation or abuse.

### Cyber Risks

**\$4.4M**

Colonial Pipelines ransom to resume operations

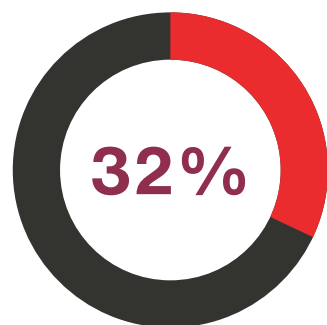


Supply chain attacks pose a significant threat, as they allow threat actors to gain access to an organisation's network through a third-party vendor or supplier and cause various damages.

[Environmental climate risks](#) in supply chains projected costs by 2026.

**\$120B**

[Extreme weather](#) forced companies to source from more expensive suppliers.



**Achilles**

Contact us today to learn how we can help you manage your supply chain to improve efficiency and reduce risk.

[Get in touch](#)