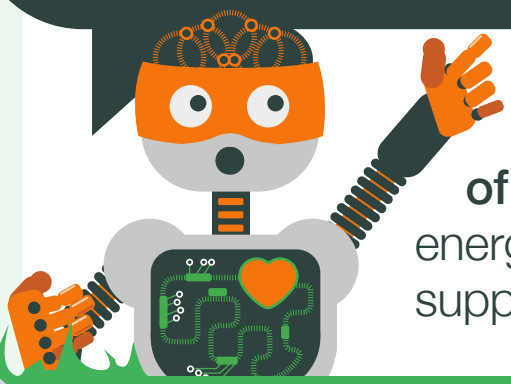
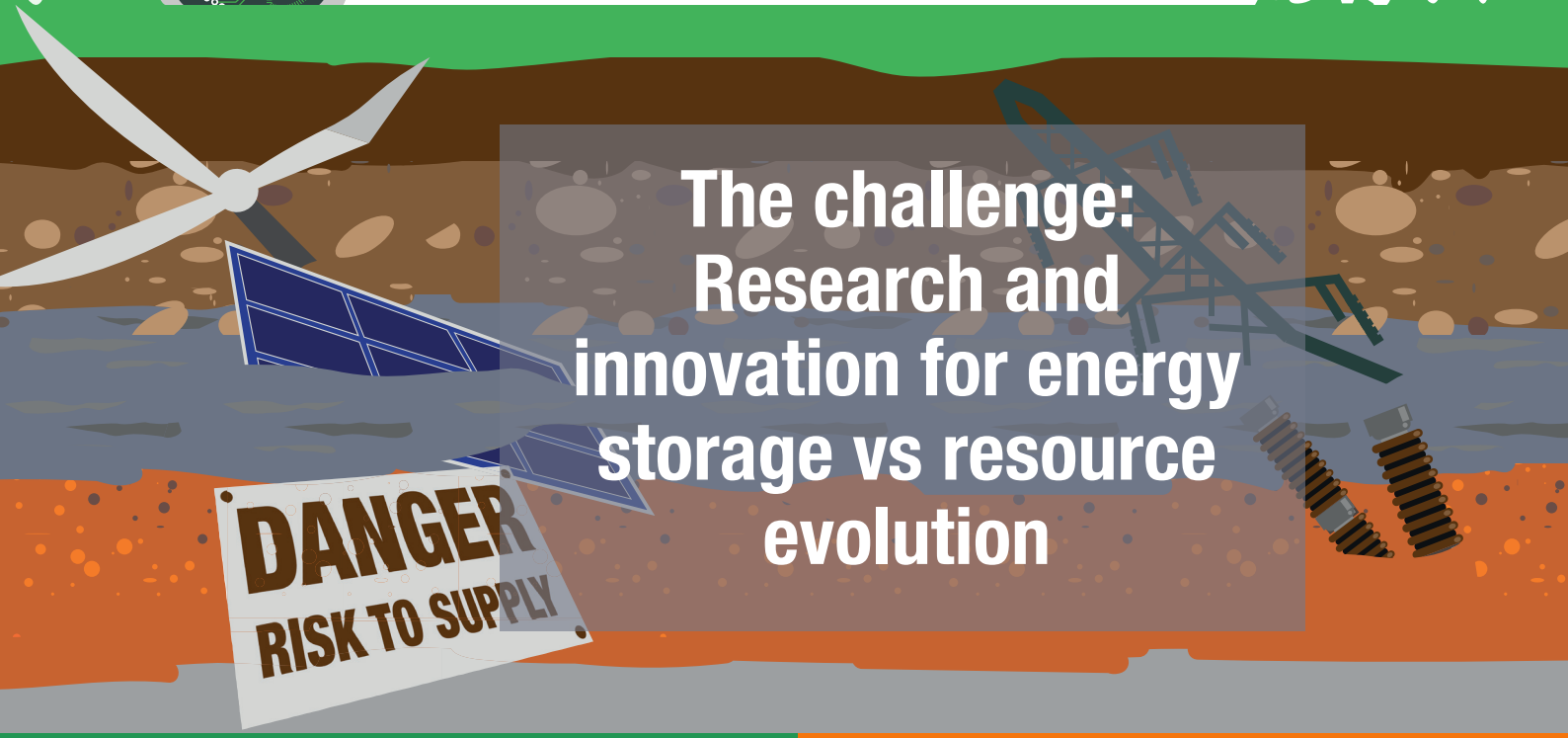
Finite access to critical materials is a challenge for some energy storage technologies

Supergen Energy Storage
supergenstorage.org



Some of the planets raw, or 'critical' materials needed to maintain the functions of our energy systems' are finite. Sustainable energy storage solutions can support transition to supply, away from these precious resources.



The challenge: Research and innovation for energy storage vs resource evolution

SOME ENERGY STORAGE PRODUCTS	CRITICAL & NEAR CRITICAL MATERIALS
Flow batteries	✕ Vanadium, Graphite
Lithium ion batteries	✕ Nickel, Cobalt, Lithium
Electrolysers (Hydrogen production)	✕ Iridium, Uranium
Catalysts and other uses	✕ Platinum, Palladium, Rubidium

ABUNDANT MATERIALS Include: aluminium, copper, carbon, iron, silicon, manganese, titanium.