

# TOP 5 REASONS WHY WE NEED

## NON-BATTERY-BASED ENERGY STORAGE ALTERNATIVES

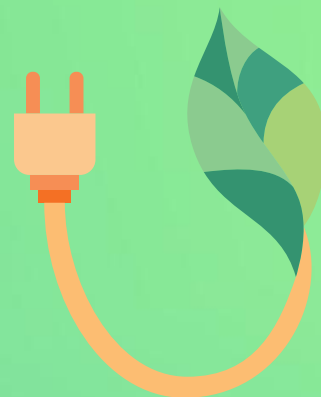
### 1. SUSTAINABILITY

Non-battery based energy storage alternatives are essential for achieving sustainability in Europe's energy system, as they rely on materials that have a lower environmental impact than batteries.



### 2. ENERGY SECURITY

Developing non-battery based energy storage solutions can improve energy security by reducing Europe's dependence on imported battery technologies and the raw materials needed to produce them.



### 3. INNOVATION & COMPETITIVENESS

Investing in non-battery based energy storage technologies can encourage innovation and create new opportunities for European companies in the energy storage sector, promoting a sustainable and resilient energy system while staying competitive in the global market.



### 4. COST-EFFECTIVENESS

Non-battery based storage solutions can be more cost-effective to produce, maintain, and replace than batteries, making energy storage more accessible and affordable.



### 5. GRID STABILITY

Non-battery based storage solutions can help address the issue of intermittency in renewable energy sources, improving grid stability and reliability, reducing the need for expensive infrastructure upgrades.

