International Energy Agency

Global Battery Outlook: Markets, Trends and Opportunities

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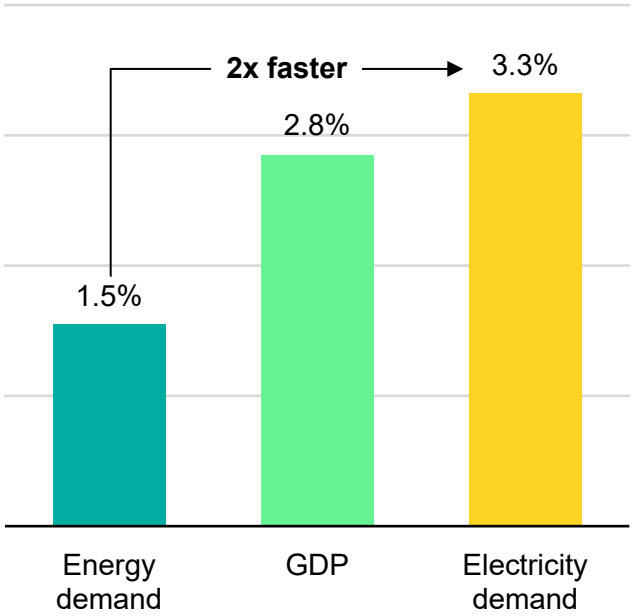
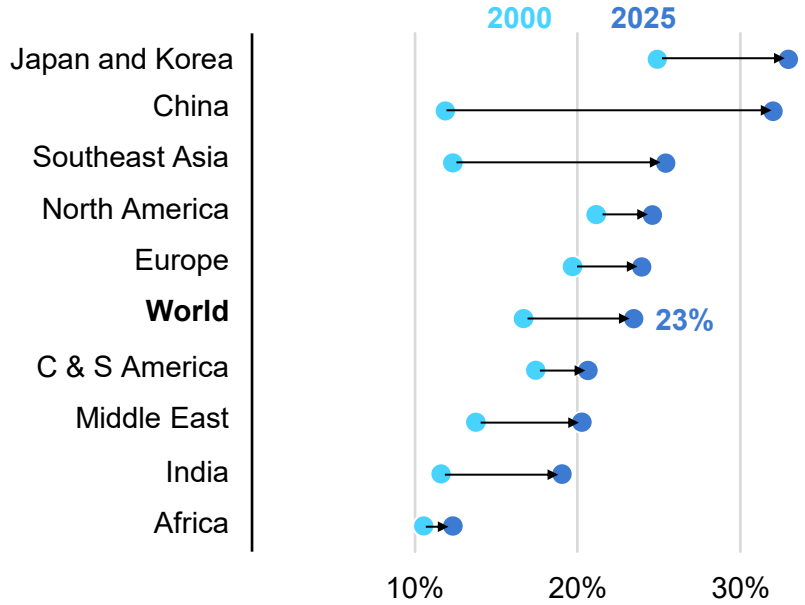
Hungarian Battery Days, Debrecen, 4 November 2026

The Age of Electricity

Average annual growth, 2019-2025



Electricity as share of final energy, by region, 2000-2025



Electricity demand has increased at over twice the rate of overall energy demand in recent years.
The pace of electrification progress varies widely by region. Globally it accounts for 23% of final energy consumption.

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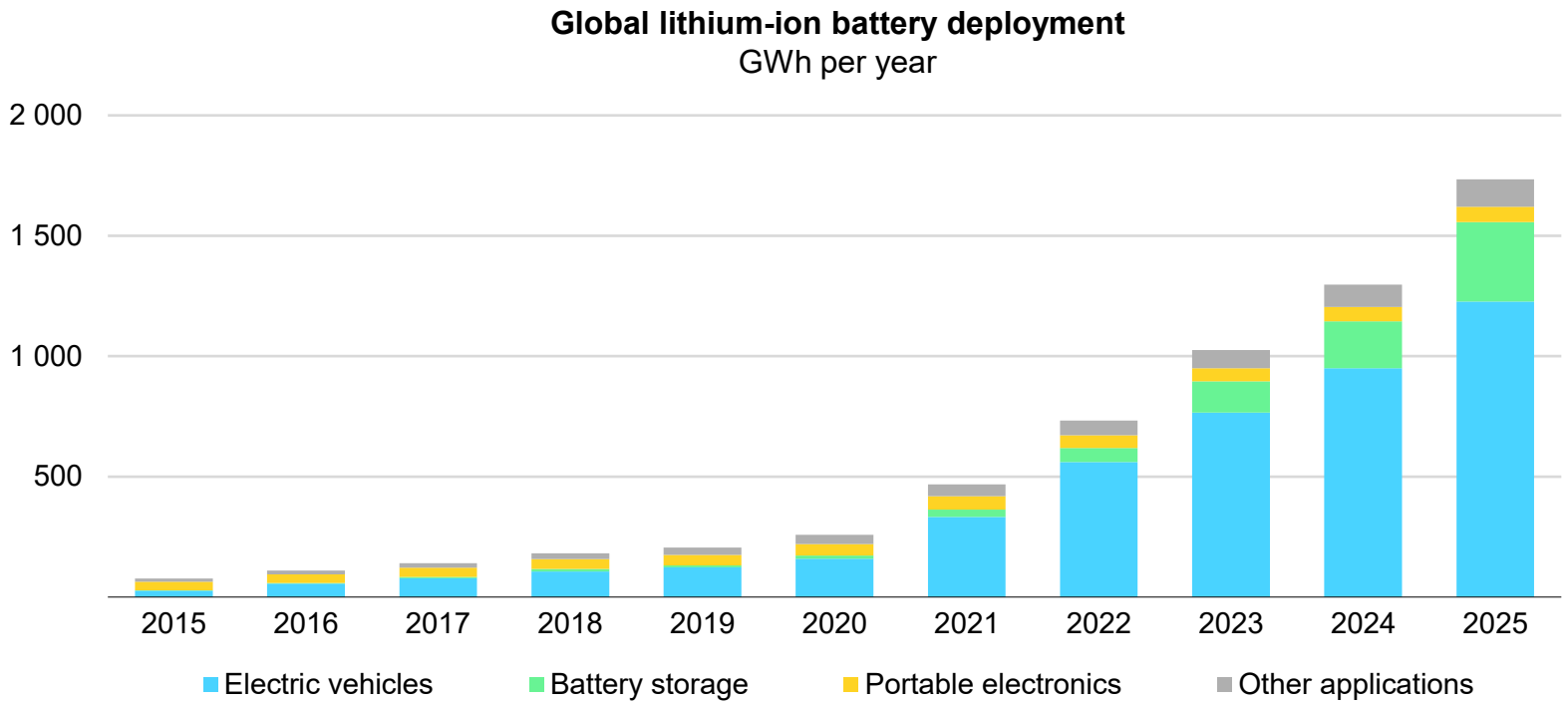
Batteries unlock electrification potential



The battery market grew by almost 30% in 2025 and is worth more than USD 150 billion. EVs account for over 70% of the market, while battery storage accounts for over 15%.

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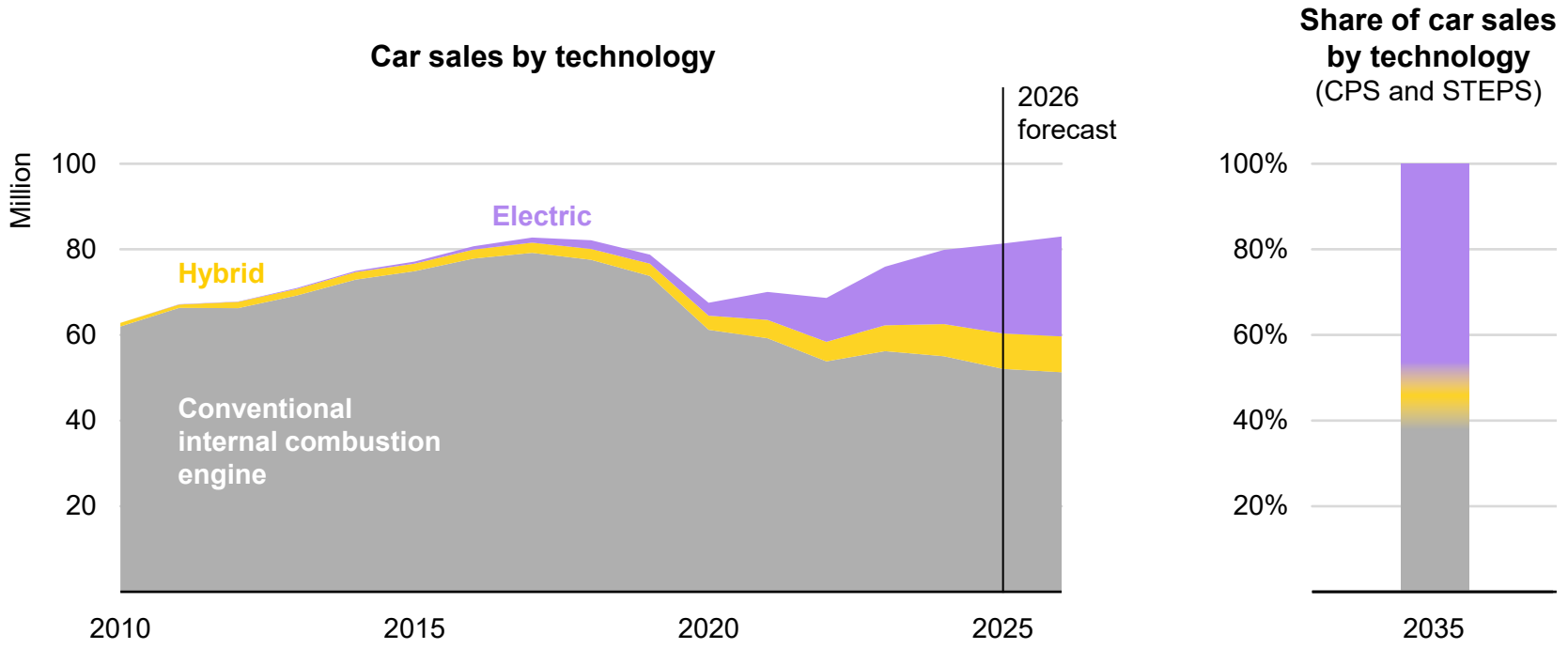
Global car markets are in motion amid the global energy crisis



Sales of conventional ICE cars peaked in 2017, and EVs are set to reach 28% of car sales in 2026. With existing policies, electric cars are set to make up about half of global car sales by 2035.

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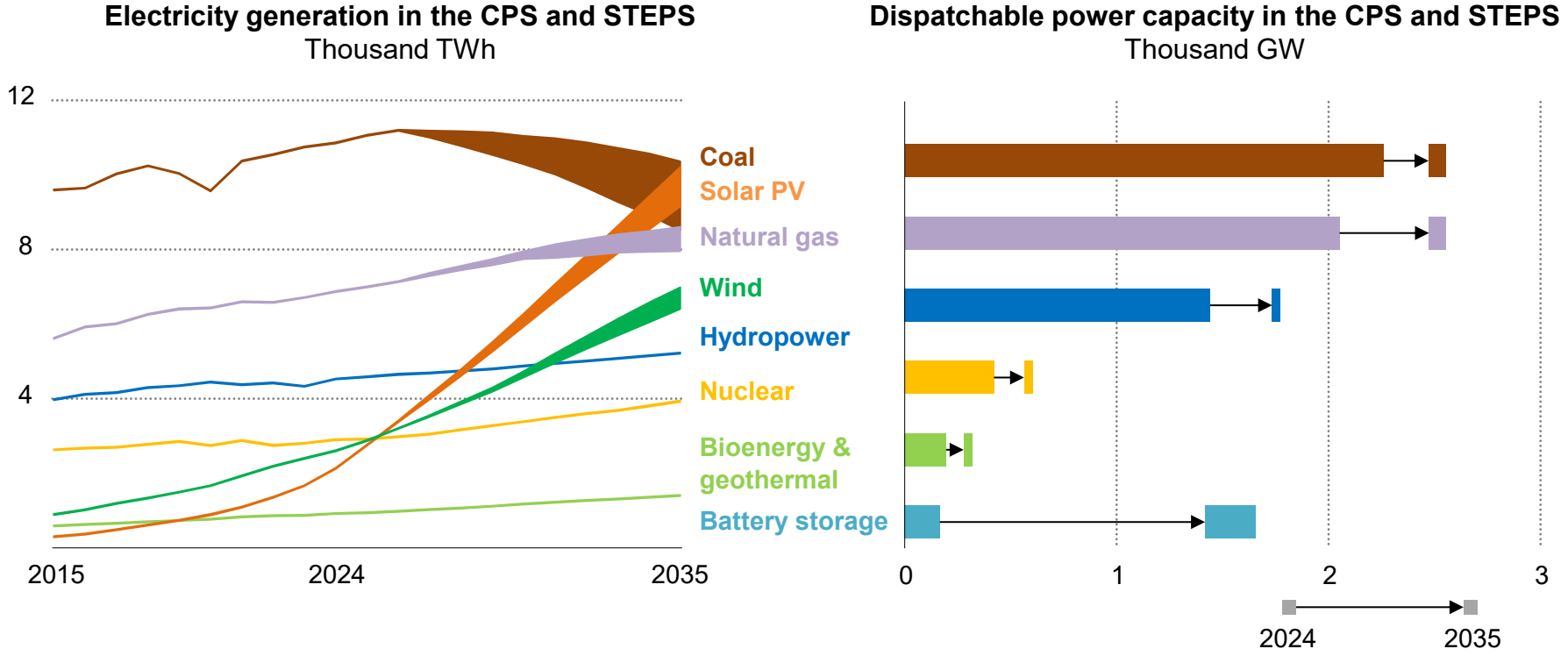
Changing power systems are reshaping electricity security



Renewable energy is on the rise, led by solar PV.
Robust electricity security strategies require dispatchable sources, more flexibility, resilience and modernised grids.

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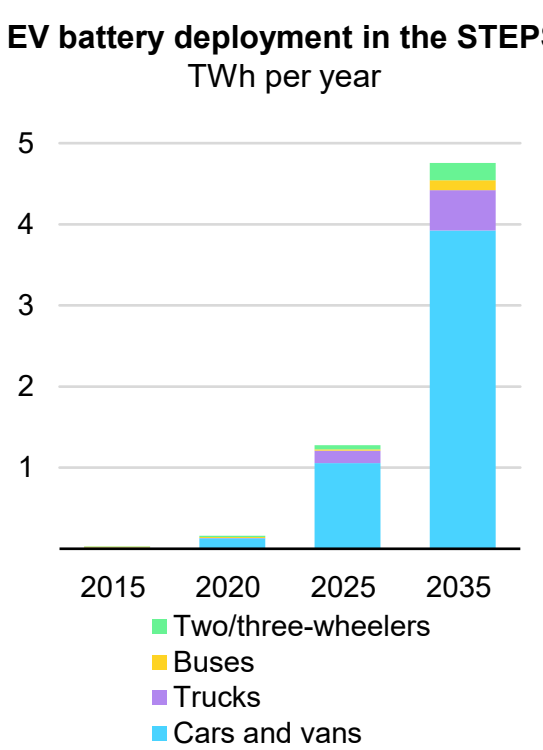
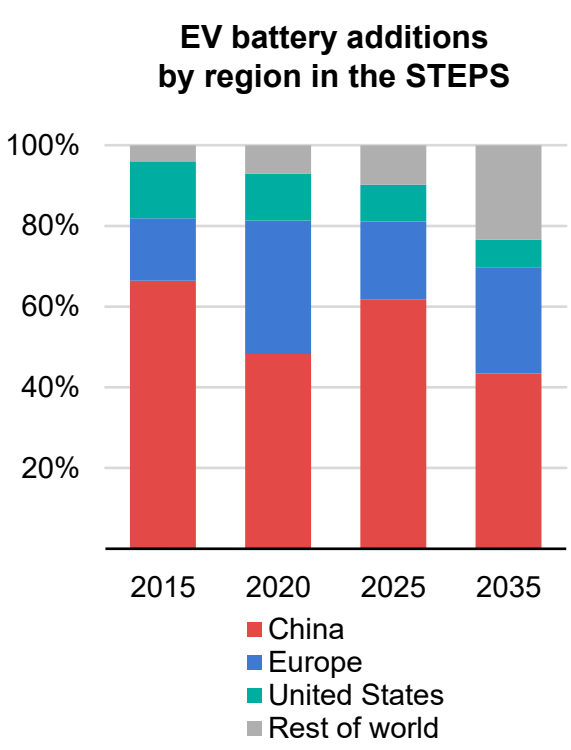
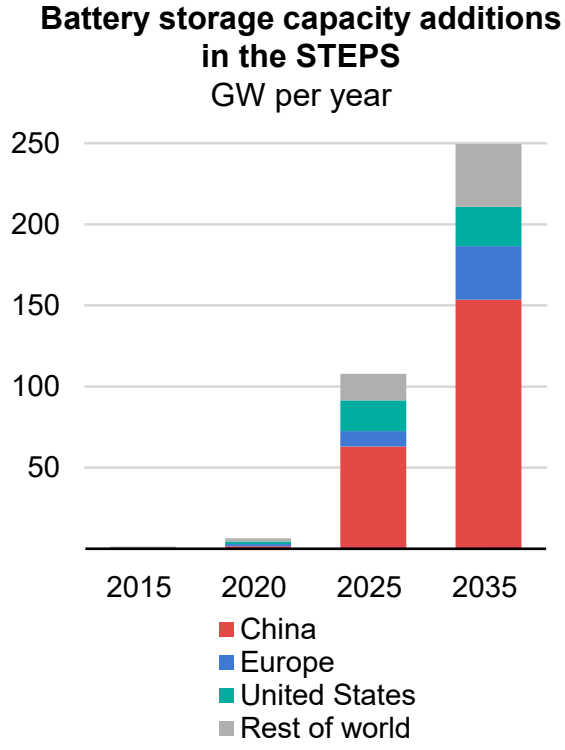
Battery market more than triples in the next ten years







**Annual EV battery deployment more than triples by 2035,
while the battery market becomes more diverse in terms of regions.**

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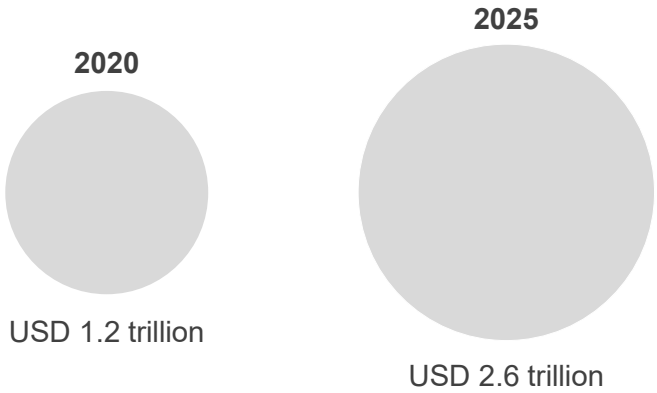
Electrification brings new economic opportunities

Revenues of listed companies in the electrification ecosystem



Electrification generated USD 2.6 trillion in revenues among listed companies in 2025.

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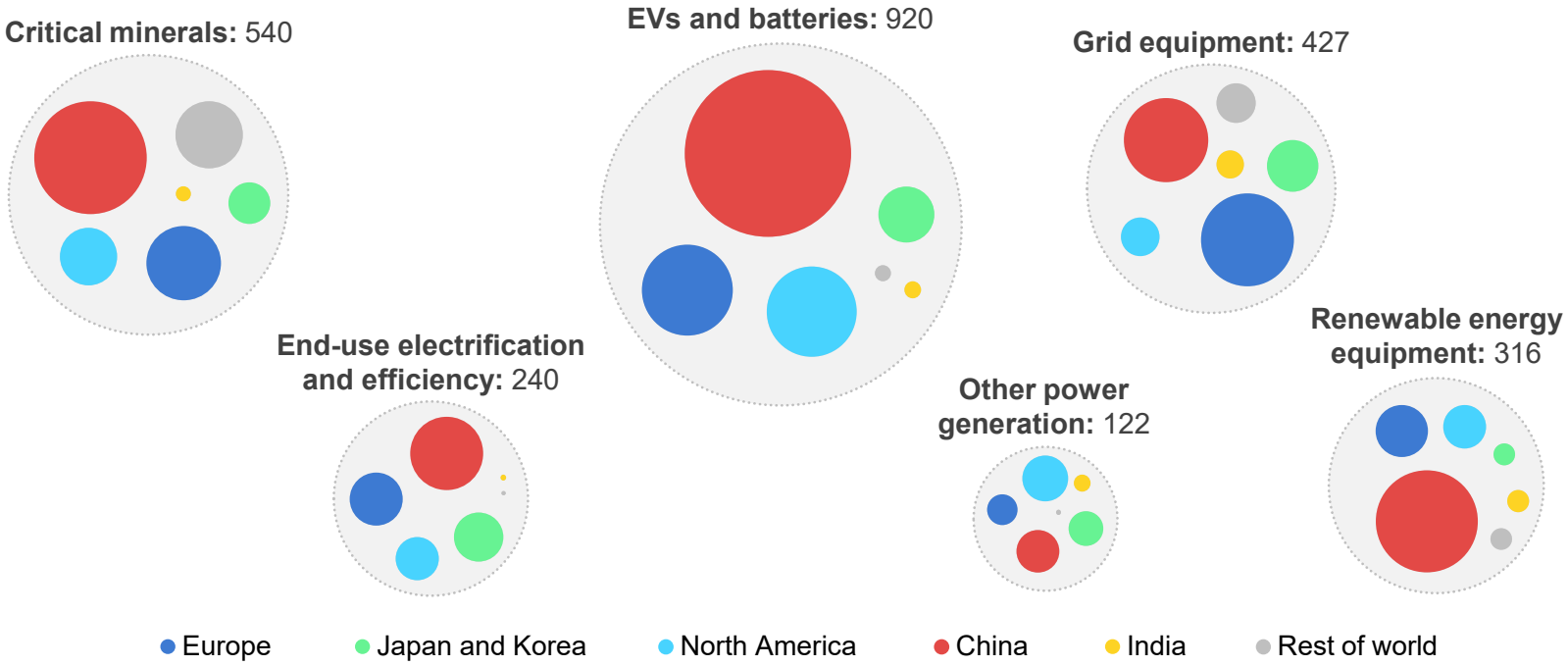
Electrification brings new economic opportunities

Revenues of listed companies in the electrification ecosystem, 2025 (billion USD)



Different regions are leaders in different parts of the ecosystem.

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