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Battery Energy Storage Systems: Full charge ahead?

[Inès Letellier](#), [ESSEC Business School](#) student, and [Alexanne Dieu](#), [LSE](#) Alumna, analyse investment in Battery Energy Storage Systems to identify the factors that will either slow down or accelerate the pace of its usage.

List of references used in the article:

- ¹ [Global battery industry - statistics & facts | Statista](#)
- ² [Batteries and Secure Energy Transitions, World Energy Outlook Special Report, International Energy Agency](#)
- ³ [Enabling renewable energy with battery energy storage systems](#)
- ⁴ [European BESS offtake & financing – state of play](#)
- ⁵ [Grid-Scale Battery Storage: Frequently Asked Questions](#)
- ⁶ [LFP vs NMC Batteries: A Comprehensive Analysis](#)
- ⁷ Navigating battery choices: A comparative study of lithium iron phosphate and nickel manganese cobalt battery technologies
- ⁸ [Batteries and Secure Energy Transitions](#) Page 91
- ⁹ [6 alternatives to lithium-ion batteries: What's the future of energy storage?](#)
- ¹⁰ [Energy storage systems: a review](#)
- ¹¹ [Batteries and Secure Energy Transitions](#)
- ¹² [New US-China battery tariffs to increase BESS costs by 11-16%](#)
- ¹³ [Carbon and social impacts in the EU's consumption of fossil and mineral raw materials](#)
- ¹⁴ [Batteries and Secure Energy Transitions](#)
- ¹⁵ [Executive summary – Recycling of Critical Minerals – Analysis - IEA](#)
- ¹⁶ [Policy database – Data & Statistics - IEA](#)
- ¹⁷ EU Clean Industrial Deal, p.14-15: [9db1c5c8-9e82-467b-ab6a-905feeb4b6b0_en](#)
- ¹⁸ [Volvo to collaborate on recycled battery BESS - Power Technology](#)
- ¹⁹ [Stockage stationnaire d'énergie et batteries de véhicules électriques](#)
- ²⁰ [Nissan, Sumitomo Corporation and 4R set up plant to recycle electric-car batteries | Sumitomo Corporation](#)
- ²¹ [Electric vehicles, second life batteries, and their effect on the power sector | McKinsey](#)
- ²² [Electric vehicles, second life batteries, and their effect on the power sector | McKinsey](#)