

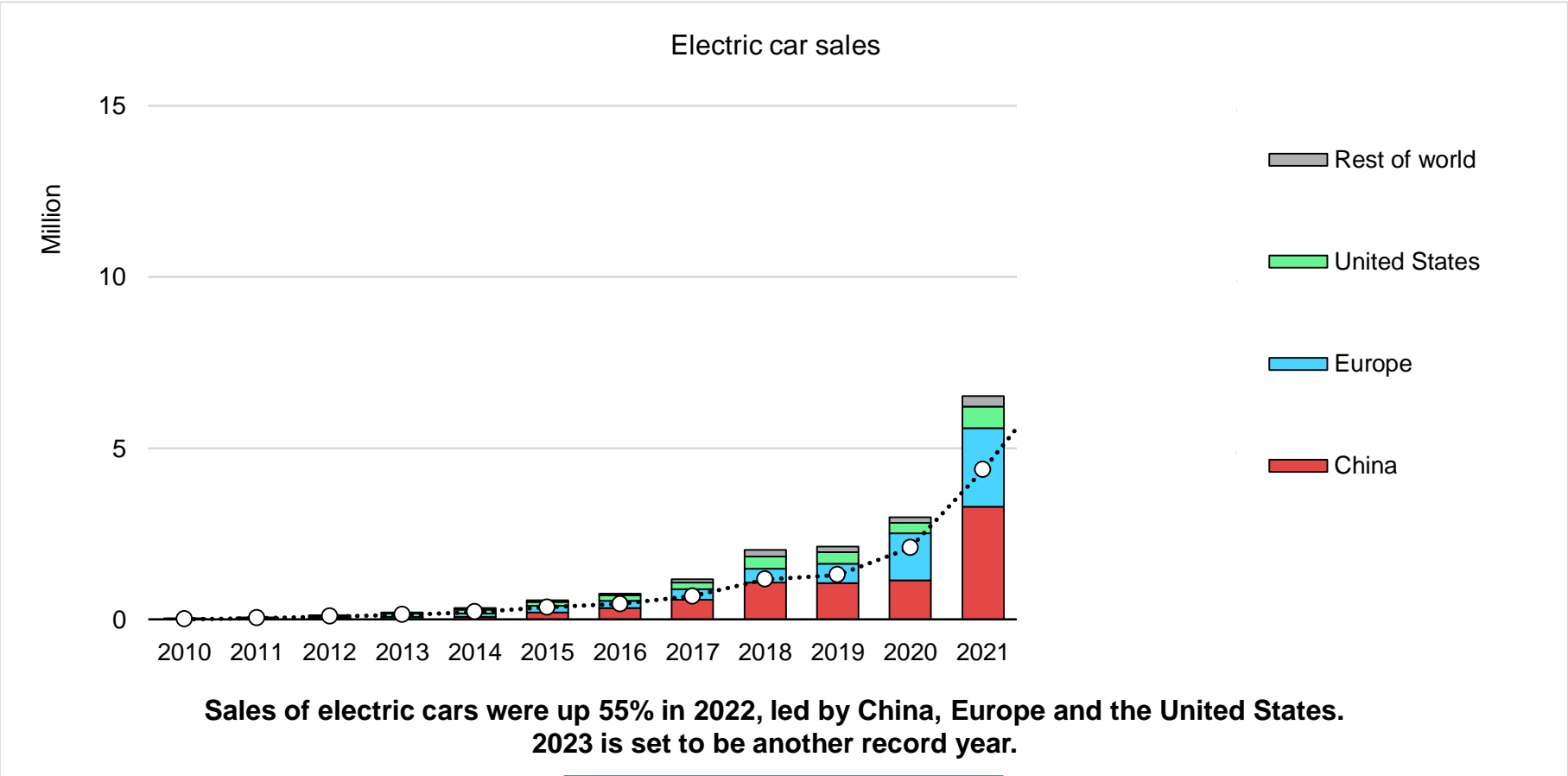


Global EV Outlook 2023

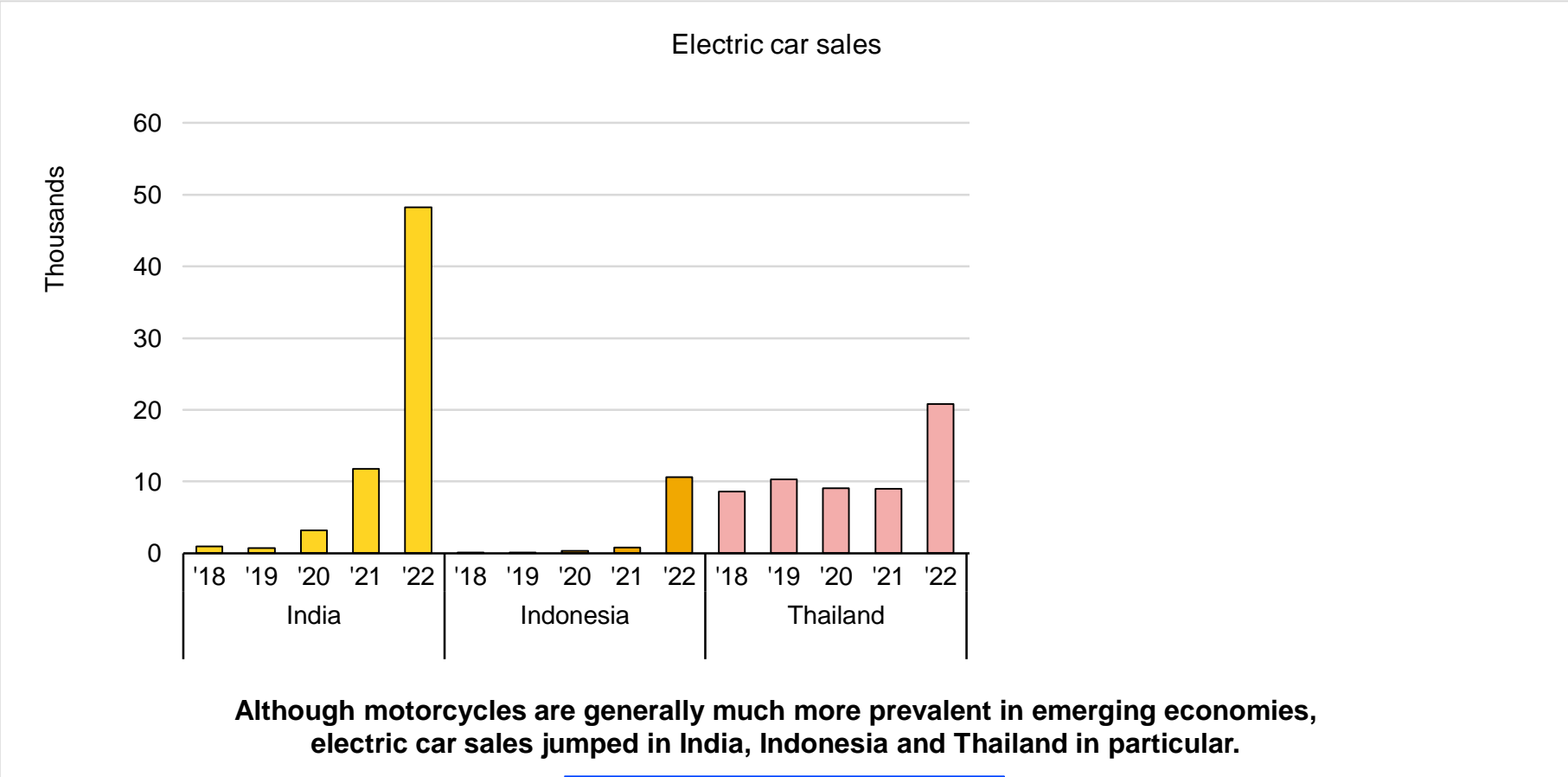
Elizabeth Connelly, PhD

15 October 2023

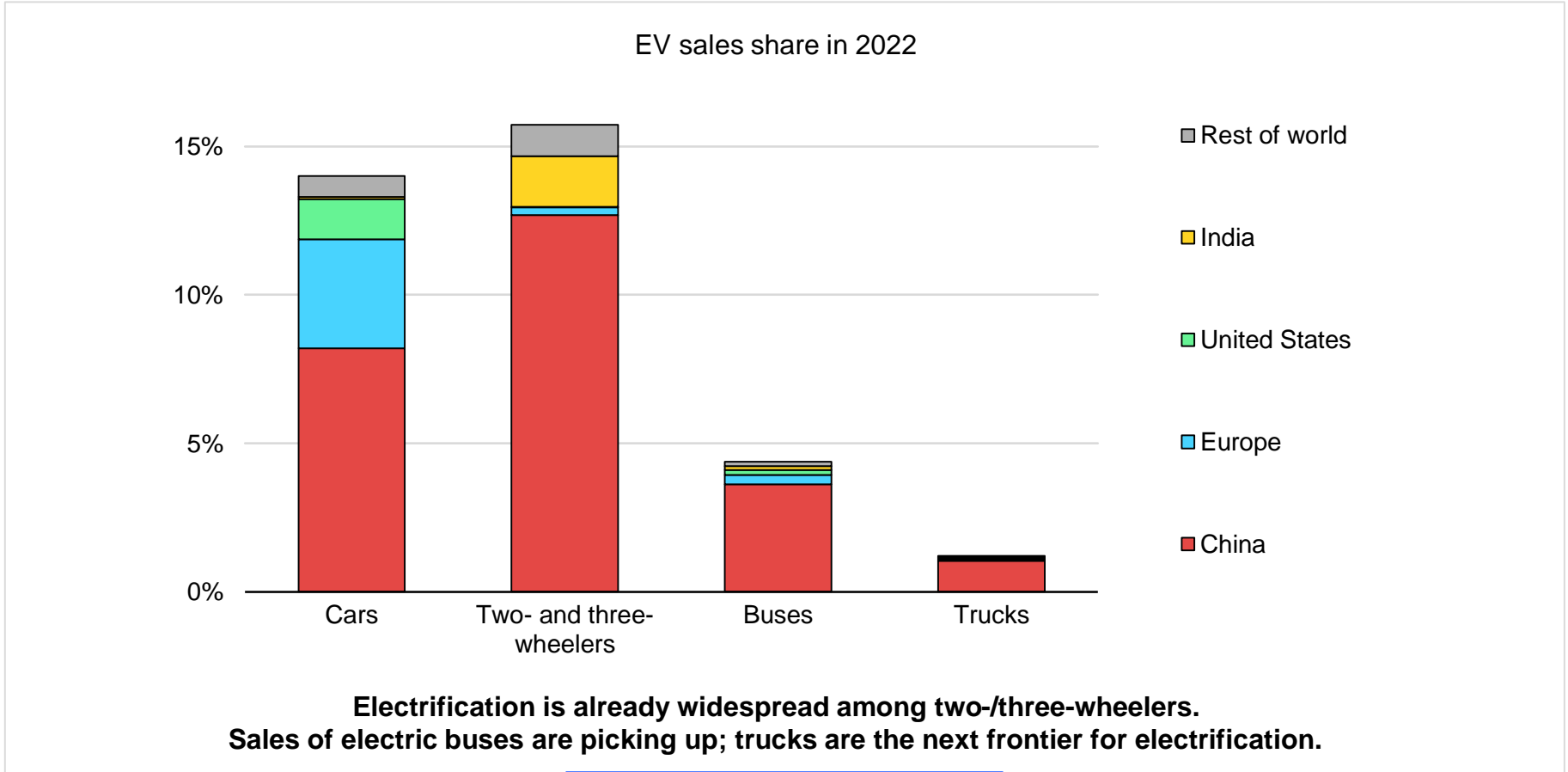
Electric car sales exceeded 10 million in 2022



Electric cars are beginning to sell in emerging economies



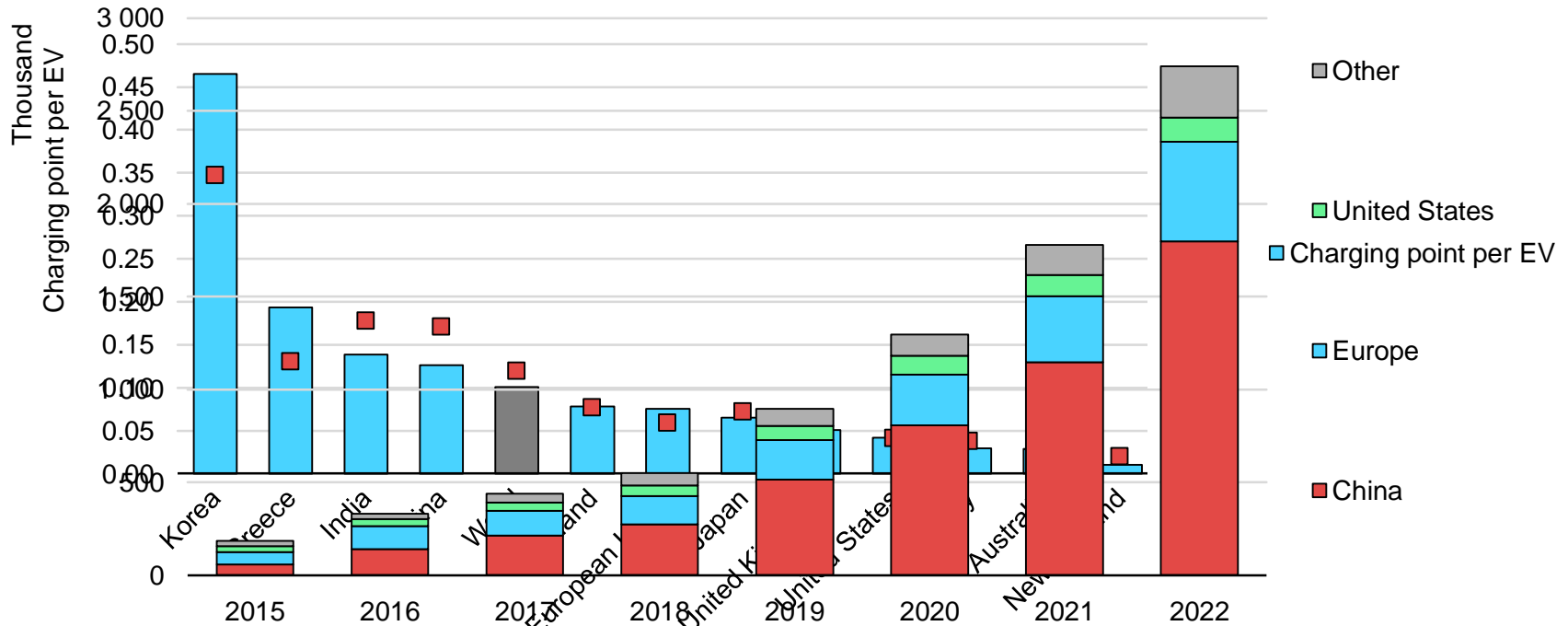
Transport electrification is not only about cars



**Electrification is already widespread among two-/three-wheelers.
Sales of electric buses are picking up; trucks are the next frontier for electrification.**

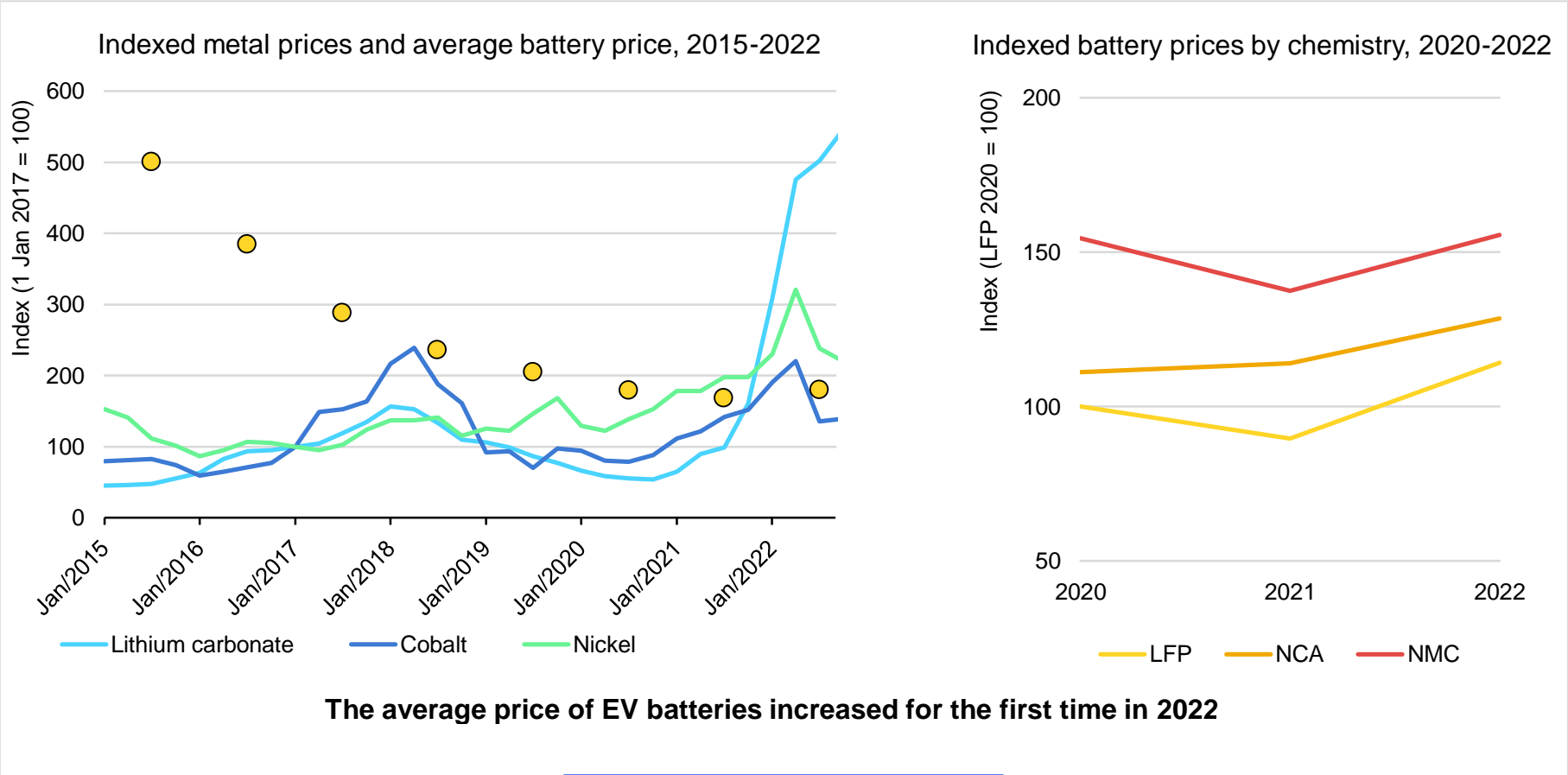
Globally, public charging infrastructure is keeping pace

Number of public charging points per EV, 2015-2022



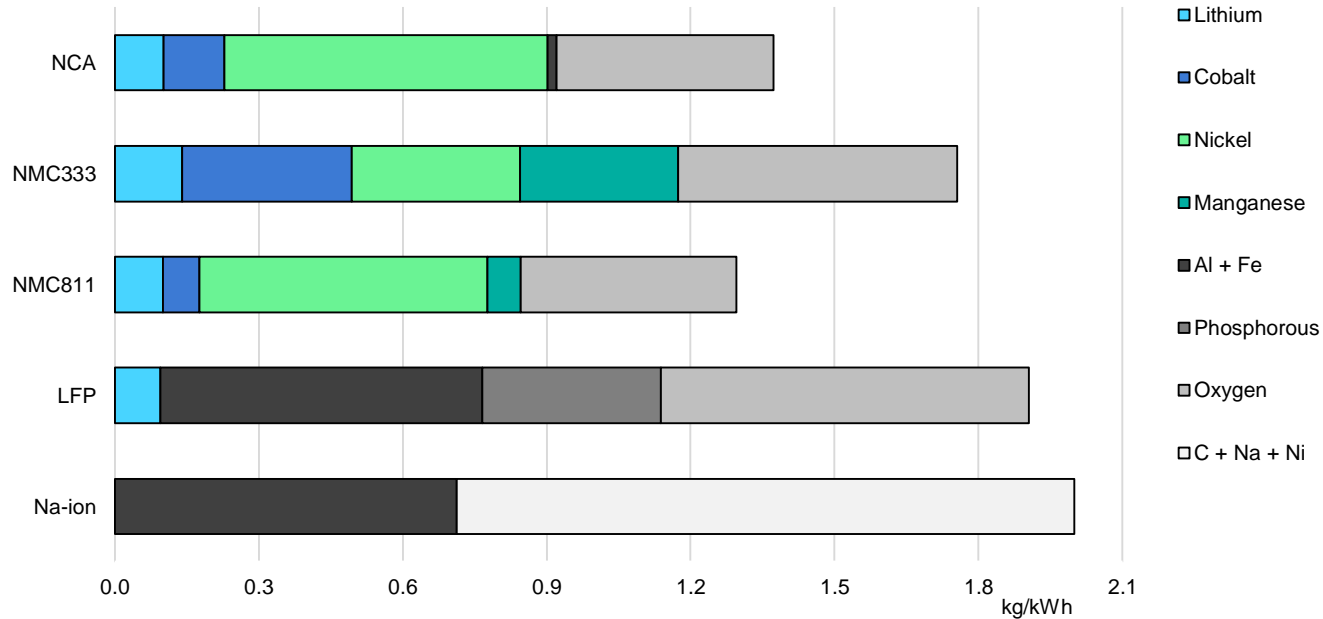
The stock of public charging points also increased 55% in 2022.

Battery material prices increase in 2022



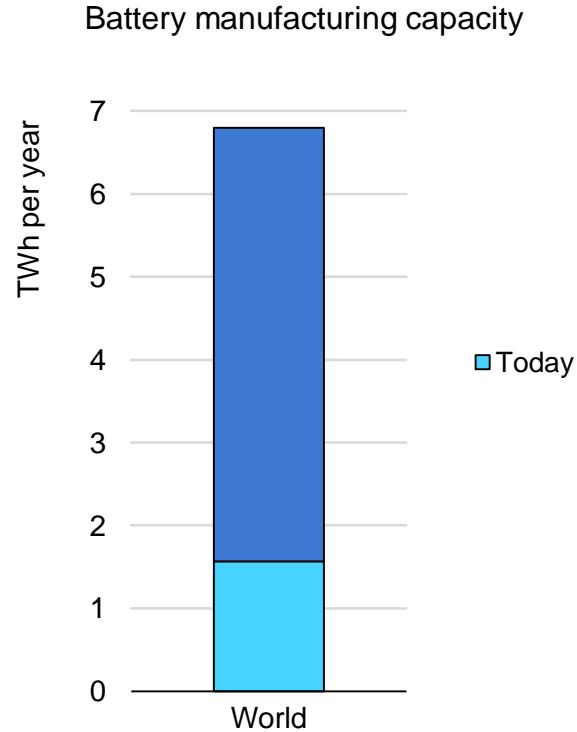
Alternative battery chemistries on the rise

Material content and market share for different cathodes



LFP batteries rely less on expensive metals like cobalt and nickel, leading to their recent increase in market share.

Battery supply chains are essential to the transition



Battery manufacturing capacity could grow fourfold by 2030 if current announcements materialise.

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