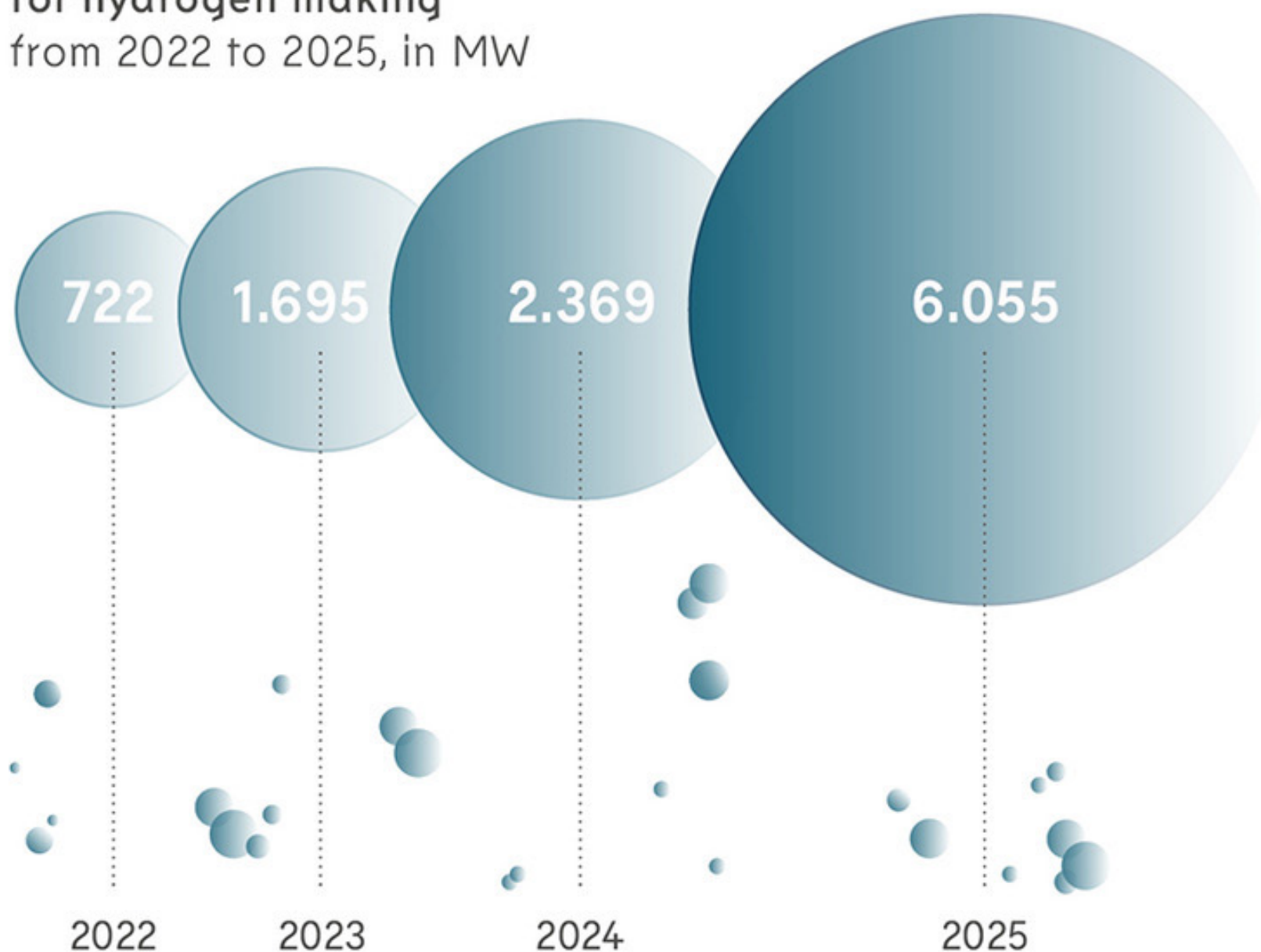


# China hydrogen sector: Strategic elevation and emerging momentum

China public tender of electrolyzers  
for hydrogen making  
from 2022 to 2025, in MW

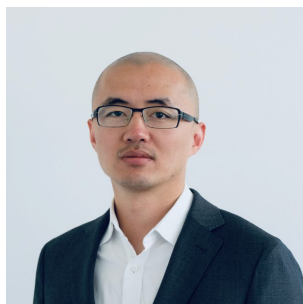


## Weekly Facts & Figures.

- **China hydrogen sector:** Hydrogen is elevated to a designated “future sector” in China’s 15th Five-Year Plan (2026–2030).
- **Hydrogen policy architecture:** Beijing is rolling out a “1+N+X” framework, expanding beyond fuel-cell vehicles into industry (e.g., green metallurgy, chemicals) and additional applications (e.g., heavy transport, long-duration storage).
- **Electrolyzer deployment:** Public electrolyzer tenders increased from 722 MW (2022) to 6,055 MW (2025), with alkaline (ALK) >90% of tendered capacity.

**What  
This  
Means.**

"For global electrolyzer manufacturers and green hydrogen project developers, this raises both a cost benchmark challenge and a supply chain dependency risk that will define the competitive dynamics of the sector through 2030 and beyond."



**Bin Yan**  
Project Leader

# Start the conversation.



[bin.yan@sinolytics.de](mailto:bin.yan@sinolytics.de)



[sinolytics.de](https://sinolytics.de)