PRESS RELEASE

Second day of Urban Tech - The Urban Technology Show
Conferences highlight battery market forecasts and the benefits of smart cities

The Urban Technology Show continues through tomorrow at BolognaFiere

Bologna, 8 October 2026 – The second day of **Urban Tech – The Urban Technology Show**, the new event dedicated to e-mobility, traffic, commuting, security, telecommunications & data, and the environment, currently taking place at BolognaFiere, hosted **Battery Day**, a conference and event dedicated to Italy's battery industry.

Nadia Acerbi of Eurobat presented the findings of the white paper **"2035 Innovation Road Map"**, which forecasts that the global battery market will reach **7.25 TWh by 2035**, with lithium accounting for 81%, followed by lead (10%), sodium (8%), nickel and other technologies (1%).

"**Technology diversification will continue through 2035,**" explained Nadia Acerbi. "Lithium and lead batteries will remain dominant globally, but new technologies may emerge, requiring further research and development efforts."

Francesco Serrano of Motus-E said that, in 2025, the Italian market for stationary energy storage batteries reached **18 GWh**. Forecasts point to growth of **50% in the utility-scale segment, 33% in commercial & industrial, and 18% in residential**.

"**Europe excels in research and in launching start-ups, but it faces difficulties in establishing a strong manufacturing position,**" he explained. "Investment in this area is therefore essential, also considering that sodium-ion batteries for e-mobility are promising, but are not yet ready for the mass market."

During the conference **"The Italian Industrial Supply Chain for Wireless Communications and Research: The Challenge of Next-Generation Technologies"**, speakers highlighted that the key advantage of smart cities lies in their ability to provide multiple interconnected services. To achieve significant results in the future, it will become increasingly important to collect and share data and to avoid siloed systems.

Giovanni Guerri of Guglielmo SpA highlighted a paradox of 5G: **extreme speed, but invisible coverage**. "In particular, indoor 5G signal penetration is highly challenging," he explained. "To address this issue, 5G coverage needs to be extended deep inside buildings by leveraging existing Wi-Fi networks. This allows the user experience to continue seamlessly, without friction and with native recognition."

Guerri cited **London** as an example: in the heart of the city, it provides a real-world demonstration of how public infrastructure can integrate seamlessly with users' devices in extremely high-density areas.

Tomorrow, **Urban Tech 2026 – The Urban Technology Show**, comprising **E-Tech Europe 2026, E-Charge 2026, Traffic 2026 and Wireless & Towers 2026**, will continue with further conferences addressing topics including the outlook for Italy's component manufacturing industry, autonomous driving, new solutions for zero-emission urban transport, and the use of AI to support urban decision-making.

For further information about Urban Tech 2026: **www.urbantech.show**

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