

# ENERGY STORAGE SUMMIT 2023

Thank you to our sponsors

Partner



Sponsor



Supporters

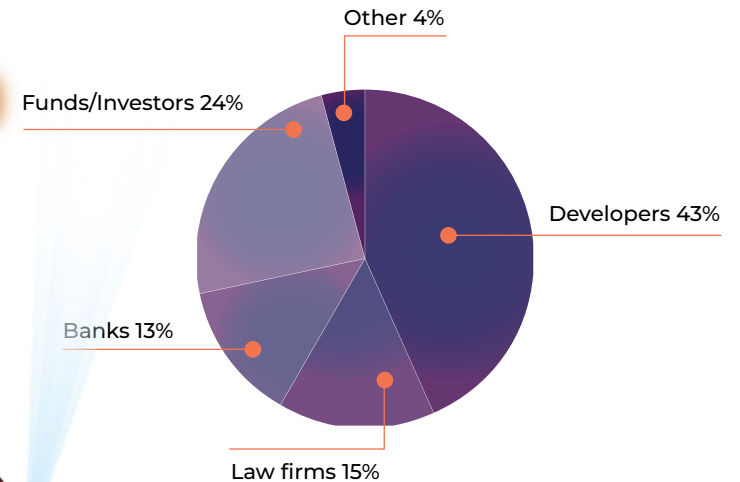
Bird & Bird



The future happens here



Company Breakdown



“*inspiratia* congratulations on pulling together a diverse group of panelists who are qualified to talk on the subject”

Baringa Partners

“I found the conference very interesting last year, without doubt the best BESS conference around”

Grid Code Power

18<sup>th</sup> October 2023 | The View, London

# Takeaways

## Financing Energy Storage

Developers face the challenge of balancing equity and debt to ensure project viability. Lenders, given market uncertainties, require downside protections such as forward-looking sweeps and price floor instruments to mitigate risks.

Additionally, there's a need for grid reforms in the UK to integrate batteries effectively, while emerging markets like Italy, France, Australia, and the UK offer promising opportunities for future energy storage projects.

## Energy Storage Portfolio

Diversification of portfolios emerges as a key strategy to enhance flexibility and attractiveness to investors. By operating a portfolio of smaller assets, developers can optimise revenue potential and mitigate risks associated with single large-scale projects.

## Battery asset trading

Battery revenue streams have evolved, with a notable shift towards energy trading. Despite fluctuations, the business case for battery storage remains robust, emphasising its continued viability in the market.

## Grid connections

Grid connection issues pose significant challenges for renewable projects, particularly in the UK, necessitating substantial investments in grid upgrades. Even with promised connections, uncertainties persist, underscoring the importance of increased engagement from government and grid authorities to address broader challenges.

## Co-location and hybridisation

Co-locating renewable generation assets with energy storage offers synergistic benefits, optimising grid connections and revenue generation. While there's no one-size-fits-all approach to co-location, it can effectively mitigate revenue loss due to battery discharge, offering potential solutions to industry challenges.

## Developers within energy storage

The Battery Energy Storage System (BESS) market has experienced significant growth over the past decade, driven by technological advancements and cost reductions. Opportunities for expansion into new jurisdictions are evident, with developers eyeing markets with similar renewable energy penetration and risk-reward profiles. Moreover, there's a notable shift in lending trends, with increased appetite and foreign investment in the UK market, indicating growing confidence in the sector's potential.