Strategic Infrastructure Overview - ASTI





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President,
Strategic Infrastructure





The **right** supply chain relationships

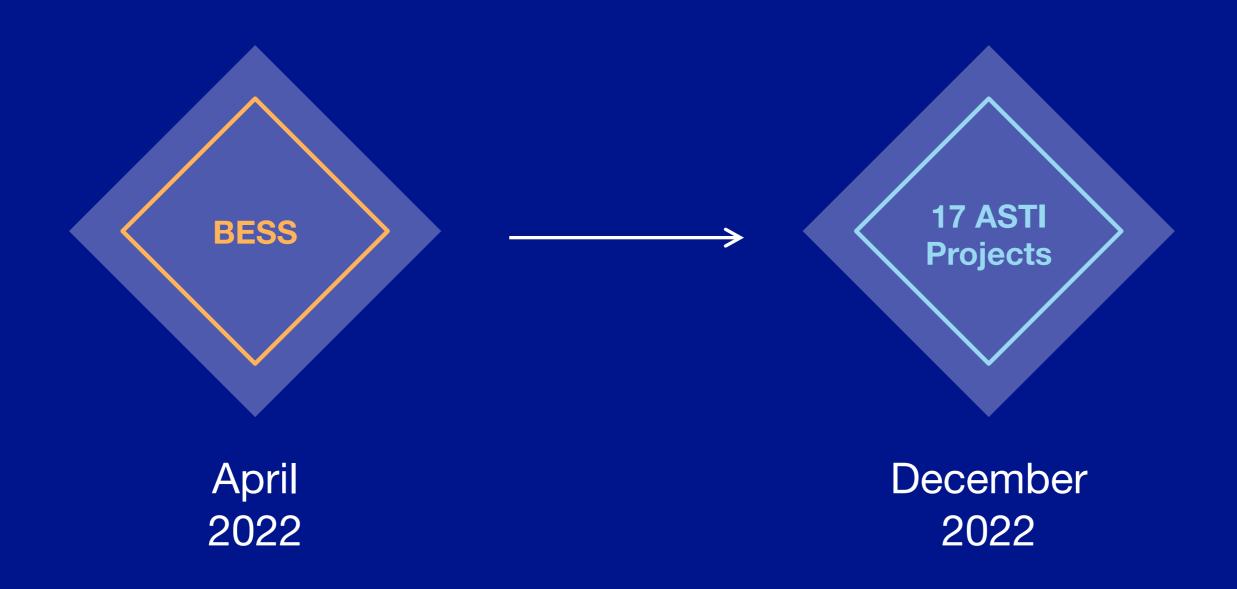




The **right** delivery strategy



17 ASTI projects in our license













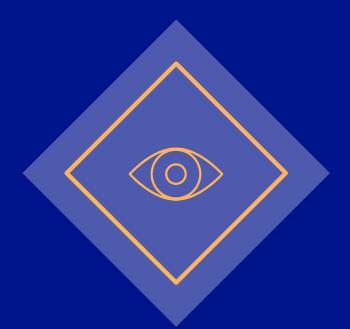
The **right** supply chain relationships





The **right** delivery strategy





Visibility with all 17 projects confirmed



Pre-construction funding and early construction funding for up to 20% of project costs



Earlier supply chain contracting



Delay and cost protections





The **right** supply chain relationships

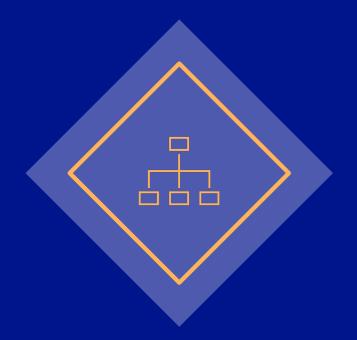




The **right** delivery strategy



The right delivery strategy



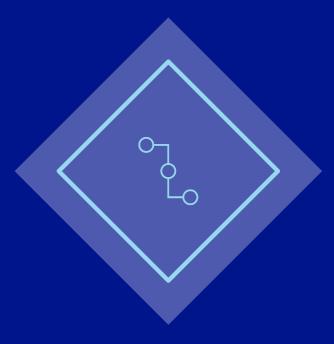
Established the **Strategic**Infrastructure division



Partnering through JVs



Delivery Waves 1 & 2



Early supply chain engagement

The right delivery strategy

Our 6 most advanced ASTI projects

Wave 1

With earliest required delivery dates

11 ASTI projects

Wave 2

Further innovation in project design, consenting, construction and supply chain





The **right** supply chain relationships



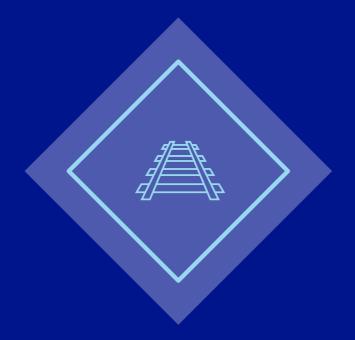


The **right** delivery strategy

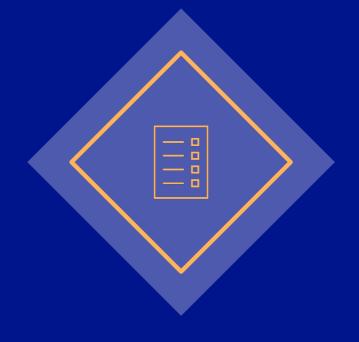




Consenting 'Centre of Excellence'



Planning and consenting is on track



Advocating for further planning reforms









The **right** supply chain relationships





The **right** delivery strategy



The Great Grid Partnership

Design & Consenting Partners



AECOM

Joint Venture

ARITP

Construction Partners



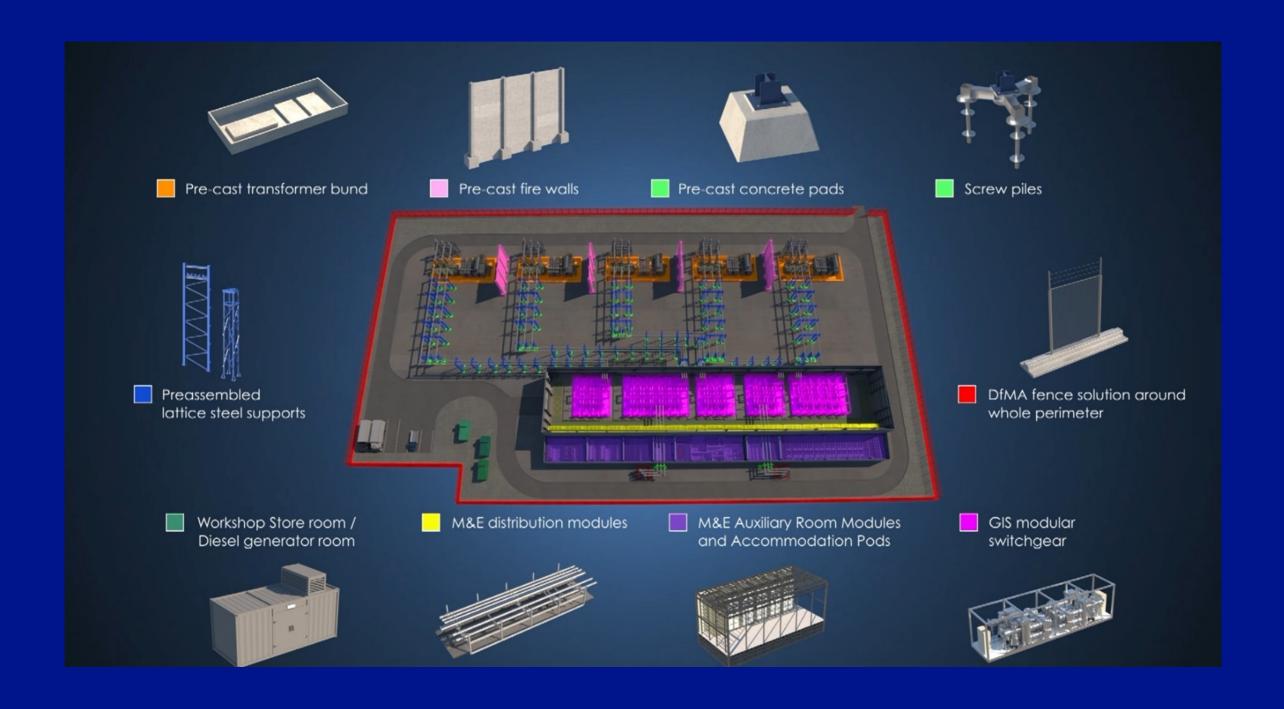








GGP Standardised Substation



HVDC Framework





HVDC Framework projects



Wave 1 projects EGL2 nationalgrid

Wave 1

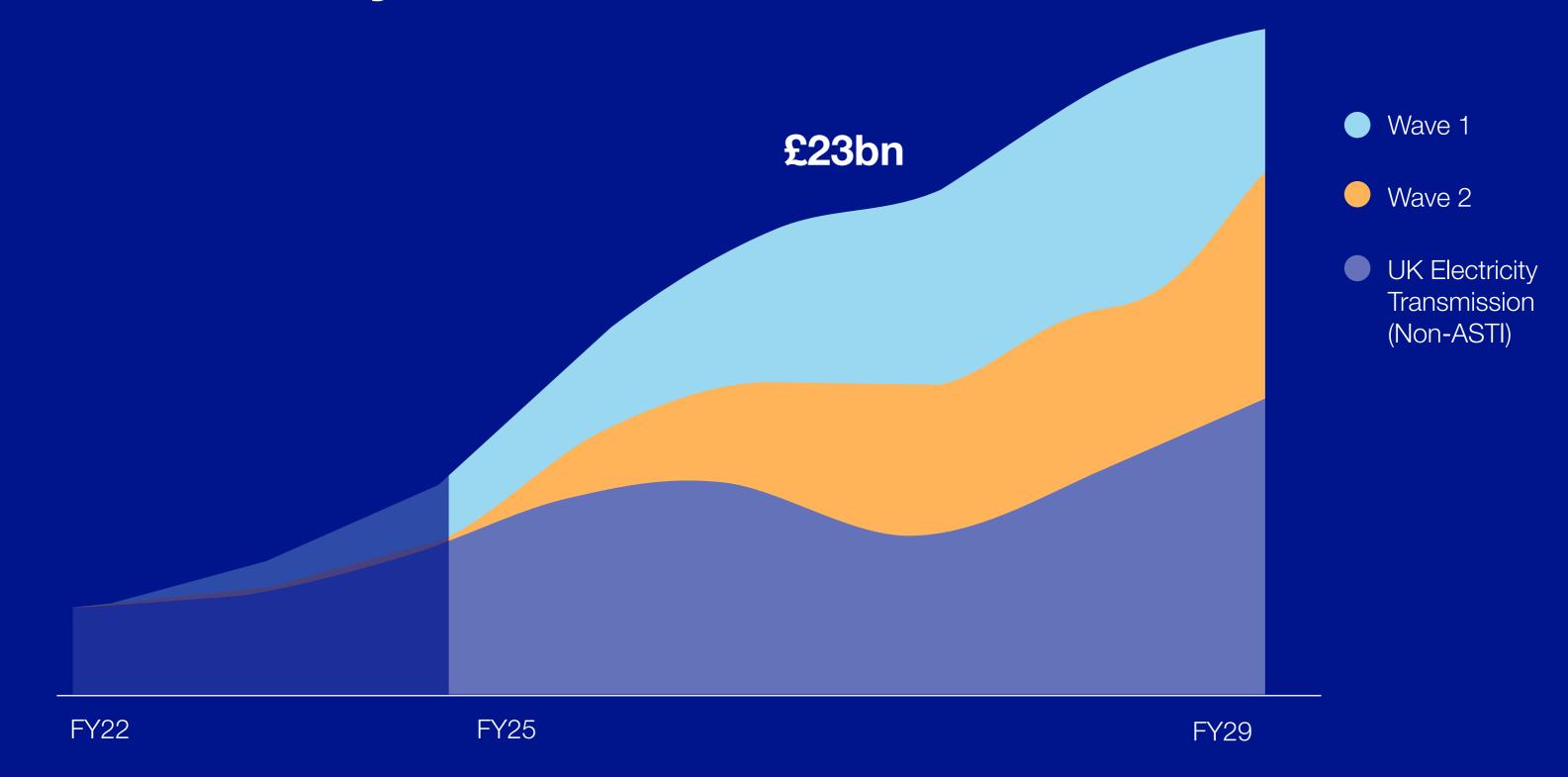
Project	Туре	Description
EGL1	Offshore HVDC Link	2GW HVDC link from Torness (Scotland) to South Hetton (England).
EGL2	Offshore HVDC Link	2GW HVDC link between Peterhead (Scotland) & Drax (England).
Yorkshire Green	New Onshore Circuit	Onshore reinforcements consisting of new infrastructure and updates to existing infrastructure from Osbaldwick-Norton overhead line circuit to Monk Fryston
Bramford – Twinstead	New Onshore Circuit	Onshore reinforcements consisting of ~11km undergound cables and 18km of overhead line in Essex.
North London Reinforcement	Uprating Existing Onshore Circuit	Uprating of 275kV circuits to 400kV and various substation upgrades.
Tilbury – Grain	Uprating Existing Onshore Circuit	Construction of a new cable tunnel & install associated cables underneath the Thames, including two headhouses. Includes uprating ~27km of existing overhead line.



Wave 1 Projects

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UK Electricity Transmission investment





nationalgrid