

More savings in material and time with Tensar® InterAx®

Working platform reconstruction for wind turbine maintenance

Bac Lieu Province, Vietnam

CLIENT'S CHALLENGE

The client needed to rebuild five temporary platforms for wind turbine maintenance using heavy crawler cranes. Given the previous success with Tensar's mechanically stabilised platform, the client sought Tensar InterAx geogrids to reconstruct a more cost-effective solution, particularly due to increasing stone costs and tighter repair schedules in Southern Vietnam.

TENSAR SOLUTION

Tensar InterAx, Tensar's best-performing geogrid was selected in the Tensar+ Working Platform module with the T-Value design approach. By adopting this method, Tensar's design engineers were able to rationalise the original design where three layers of geogrid was proposed originally, to a more effective design which resulted in a thinner platform with only 2 layers of Tensar InterAx geogrid. The design achieved a 25% reduction in granular platform thickness. The design and performance of the platforms were then verified on-site by plate load testing.

B E N E F I T S

- **25% thinner platform construction** with Tensar InterAx geogrid
- **Material reduction equated** to 15% per square meter in cost savings
- **Reduced carbon emissions** by minimising imported fill volume

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PROJECT DETAILS

Constructed in

2024

Client

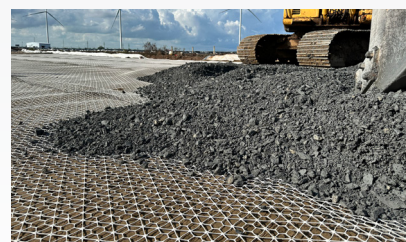
Hacom Bac Lieu Energy JSC – a member of Hacom Holdings Investment JSC

Contractor

Hacom Ninh Thuận Construction JSC

Product

Tensar InterAx geogrid



Installation of the Tensar mechanically stabilised platforms incorporating Tensar InterAx geogrid

Working Platforms | No. 514