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Is modularization a good idea for EPC firms?

For Engineering, Procurement, and Construction (EPC) firms, modularization offers some potentially powerful advantages--but also a specific set of challenges. Get your bi-weekly newsletter sharing fresh perspectives on complicated issues, new technology, and open questions shaping our industrial world.

What is modular construction?

The approach Technip adopted--modular construction, also referred to as prefabrication--is one with a long heritage. It is also one currently returning to the spotlight. For Engineering, Procurement, and Construction (EPC) firms, modularization offers some potentially powerful advantages--but also a specific set of challenges.

What are the advantages of modular construction?

For EPCs, modular construction offers a specific set of additional advantages. EPCs can increase efficiency by moving construction away from sites that are hard to access, are prone to weather delays, offer insufficient space, or pose security concerns.

How can EPCs improve construction efficiency?

EPCs can increase efficiency by moving construction away from sites that are hard to access, are prone to weather delays, offer insufficient space, or pose security concerns. Modularization is also more appealing for firms operating in places that lack a cost-effective and skilled local workforce.

From modular control cabinets and HMI housings to outdoor power distribution enclosures and site-specific custom builds, our team supports design-to-delivery with precision manufacturing and global ...

Enercon's custom-engineered electrical houses (E-Houses) deliver pre-assembled, factory-tested power solutions designed for fast deployment and reliable performance.

A construction method in which large portions of a facility are prefabricated offsite, transported, and assembled at the final location to reduce schedule and cost risks.

We are dedicated to providing trust, experience, and efficiency through all stages of traditional and modular construction projects using our proven EPFC approach.

## Modular EPC general contracting for power cabinets in factories

With its detachable structure, 30-minute assembly, and full customization, it offers unmatched flexibility, durability, and reliability for modern factories, logistics hubs, and high-power ...

Learn how EPC firms ensure seamless modular construction through planning, logistics, and digital tools to optimize project outcomes.

This article explores the key benefits, challenges, and best practices for implementing modular construction in EPC projects, drawing on Buro Matei's extensive global experience.

For EPCs, modular construction offers a specific set of additional advantages. EPCs can increase efficiency by moving construction away from sites that are hard to access, are prone to ...

For the EPC industry, modular construction offers a compelling alternative to traditional methods, presenting several key advantages: Reduced Construction Time: By constructing modules ...

A B2B guide to modular construction systems for engineering and procurement. Achieve 30-50% faster timelines, 25% cost savings, and superior quality through factory prefabrication.

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