

PRE-ENGINEERED ENCLOSURES FOR CRITICAL INFRASTRUCTURE

Factory-built enclosures, buildings and support systems for modern power infrastructure.

**YOU DELIVER THE POWER SYSTEM. WE DELIVER
THE ENCLOSURES.**





THE CHALLENGE

FlexEpod™

THE CHALLENGE

Traditional construction is slowing infrastructure delivery.



LONG PROGRAMMES

Extended construction timelines impact project schedules



MULTIPLE CONTRACTORS

Complex interfaces between trades and suppliers



VARIABLE QUALITY

Inconsistent workmanship across site-built installations



WEATHER DELAYS

Site works exposed to uncontrollable weather conditions

MODERN INFRASTRUCTURE DEMANDS A FASTER APPROACH.

WHY MODULAR INFRASTRUCTURE?

Build More Off-Site. Deliver More On Time.

TRADITIONAL SITE BUILD

SITE LABOUR

High dependency on skilled site trades

WEATHER DELAYS

Works halted by poor conditions

MULTIPLE INTERFACES

Complex contractor coordination

LONG INSTALLATION

Sequential build programme

FACTORY-BUILT FLEXE SOLUTION

FACTORY ASSEMBLY

Controlled manufacturing environment

CONTROLLED PRODUCTION

Weather-independent manufacturing

SINGLE SOLUTION PROVIDER

Simplified project delivery interface

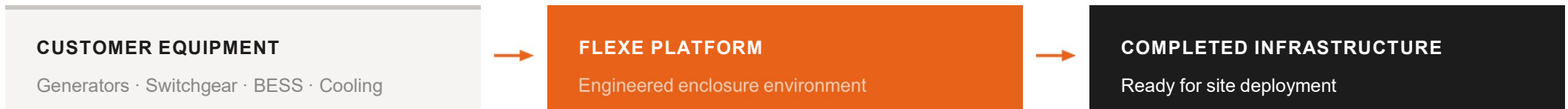
RAPID DEPLOYMENT

Concurrent site prep and factory build



WHY Dmeco?

We focus on the enclosure around your technology.



FASTER DELIVERY



REDUCED RISK



FACTORY QUALITY



SCALABLE DESIGN



**GLOBAL
DEPLOYMENT**



**INTEGRATED
SOLUTIONS**

| PRODUCT SELECTION

WHICH SOLUTION DO I NEED?

YOUR REQUIREMENT

DMECO SOLUTION

Compact infrastructure enclosure	FlexEpod 
Pre-engineered electrical enclosure buildings	FlexEhouse 
Generator or CHP enclosure	FlexEgen 
Containerised large-scale enclosure	FlexEstack 
Cooling equipment enclosure	FlexEcool 
Structural baseframe or equipment platform	FlexEskid 
Foundation or support system	FlexEfoot 

Every solution is engineered to simplify infrastructure delivery.

SPEED QUALITY SAFETY SCALABILITY





PRODUCT 01 OF 07

FlexEpod

by Dmeco 

Compact Modular Infrastructure Enclosures

Designed for compact critical infrastructure deployments where space, speed and repeatability are essential.

APPLICATIONS

BESS

Telecoms

Remote Power

Edge Infrastructure

BENEFITS

- Rapid Deployment
- Reduced Site Works
- Factory Built & Tested
- Scalable Design





PRODUCT 02 OF 07

Flexehouse

Factory-Built Electrical Buildings

Purpose-built electrical buildings for housing power and control equipment, designed to replace traditional site-built substations and electrical rooms.

APPLICATIONS

Switchgear

Transformers

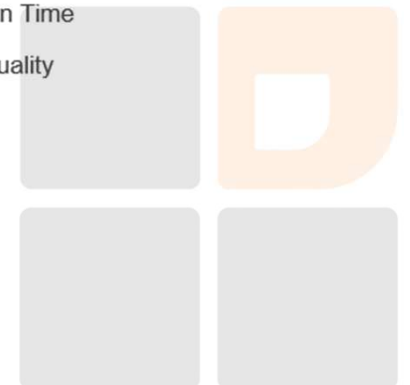
UPS Systems

Protection Systems

BENEFITS

- Reduced Construction Time
- Factory Controlled Quality
- Improved Safety
- Custom Layouts

FlexEpod 
by Dmeco 





PRODUCT 03 OF 07

FlexEgen™

Generator & CHP Enclosures

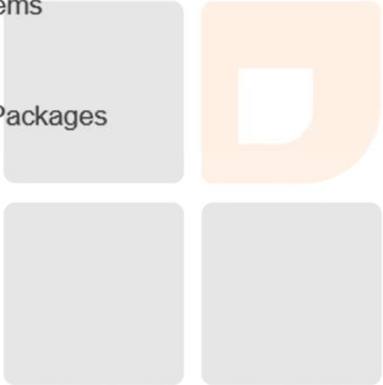
Engineered environments for generator and CHP installations, supporting standby, prime power and critical backup applications.

APPLICATIONS

Healthcare	Data Centres
Utilities	Industrial Sites

BENEFITS

- Acoustic Performance Options
- Integrated Fuel Systems
- Fire-Rated Solutions
- Factory Assembled Packages





PRODUCT 04 OF 07

FlexEstack™

Large-Scale Modular Infrastructure Buildings

Combines modular construction with transportable infrastructure design. Ideal for rapid deployment of large electrical systems.

APPLICATIONS

Substations

Renewables

Utilities

Mining

BENEFITS

- Transportable Architecture
- Expandable Solutions
- Rapid Deployment
- Global Delivery





PRODUCT 05 OF 07

FlexEcool™

Cooling Infrastructure Modules

Purpose-built environments for thermal management systems, supporting modern data centres and high-density electrical installations.

APPLICATIONS

Data Centres	CDU Systems
Chillers	Heat Rejection

BENEFITS

- Optimised Airflow
- Integrated Maintenance Access
- Reduced Installation Complexity
- Equipment Protection



FlexEskidTM

Engineered Structural Platforms

Heavy-duty baseframes and integrated equipment platforms designed to simplify transportation, installation and long-term operation.

BENEFITS

01 REDUCED SITE FABRICATION
Fully assembled and tested in the factory

02 INTEGRATED LIFTING
Purpose-engineered lift points and spreader frames

03 FASTER INSTALLATION
Reduced on-site civil and structural works

04 FACTORY BUILT QUALITY
Consistent standards across every unit





PRODUCT 07 OF 07

FlexEfoot[®] FOUNDATION & SUPPORT SYSTEMS

01

REDUCED CIVIL WORKS

Minimises trenchwork and concrete requirements. Pads instead of a slab.

02

FASTER INSTALLATION

Modular approach significantly reduces deployment time, fewer bend radius issues,

03

IMPROVED ACCESS

Raised platform provides maintenance access beneath equipment.

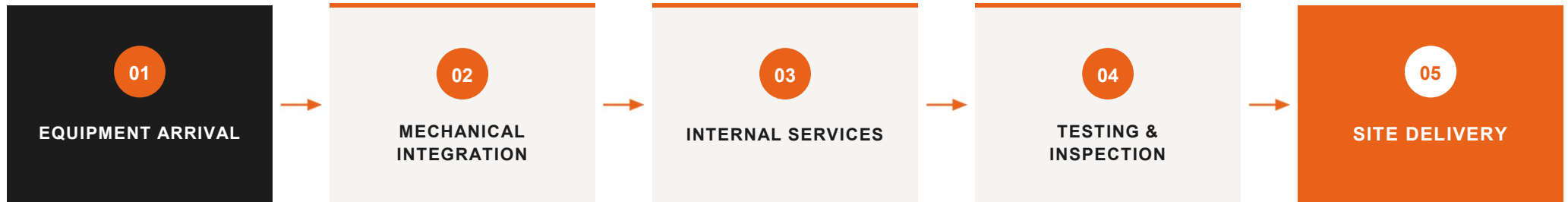
BEFORE
TRADITIONAL CONCRETE BASE

VS

AFTER
FLEXEFOOT SYSTEM

BEYOND THE ENCLOSURE

Dmeco solutions can be supplied as empty structures, partially integrated packages or fully installed systems.



From empty enclosure to fully integrated infrastructure solution. Every project tailored to suit the customer's equipment and delivery strategy.

BUILT FOR CRITICAL INFRASTRUCTURE



DATA CENTRES

Critical backup power and cooling infrastructure



UTILITIES

Grid infrastructure and distribution systems



HEALTHCARE

Standby power for critical healthcare facilities



INDUSTRIAL

Power and control for manufacturing and process



RENEWABLES

Substations and BESS for renewable energy projects



TELECOMMUNICATIONS

Remote power and edge infrastructure solutions

About Us



Dmeco UK brings our engineering, project management and after-sales teams close to British and Irish customers — acting as the single point of contact for delivery, combining local responsiveness with the full manufacturing weight of our Italian works behind it.

30+

Years enclosure
engineering

15k

15,000 sq m²
manufacturing plant

EU+

Europe, Middle
East & beyond

UK SERVICES

Mechanical Fit Out & Installation

Specification & 3D Design

After-Sales & Spares

Technical Documentation

Project Management

Commissioning Support

Logistics & Delivery



DMECO ITALIA · EST. 1991

15,000 m² facility in Italy — steel fabrication, welding,
surface treatment, mechanical and electrical integration,
and full factory acceptance testing under one roof.



FlexEpod ™
by Dmeco 

WE BUILD EVERYTHING AROUND YOU

The FlexPod range by Dmeco UK.

From compact enclosures to large-scale infrastructure buildings,
DMECO delivers the environment around your equipment.

YOU DELIVER THE POWER SYSTEM. WE DELIVER THE ENVIRONMENT.

Dmeco 

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FlexePod 