

International project life cycle



With the European Commission predicting 90 per cent of global growth over the next 20 years will take place outside of Europe, an increasing number of UK manufacturers are looking to invest overseas.

While managing an international build may share similarities with a UK project, there remain some considerable differences, particularly during the planning and design phases.

Planning



The first and arguably most important stage of the project life cycle is defining client requirements to ensure effective delivery.

Top considerations during this stage should include:



Financial investment: Can the project be executed within the clients CapEx budget? Does the client require assistance with developing CapEx cost? If required, can additional support be provided by third party investors, such as UKTI?



Personnel: Review the requirement for ME&I engineers and designers to ensure the project is designed to British and/or local standards. Consider workforce, such as expat management, local labour and health and safety advisors.



Export and infrastructure: Determine export requirements, such as freight packing, mode of shipment (sea or air) and agree incoterms. Are letters of credit required?



Health and safety compliance: Is a site survey required to ensure a compliant and robust design can be produced in-line with client requirements? Ensure risk registers are developed and that any risks are therefore managed and mitigated.

Design

Although an initial design may have been developed as part of a tender process, it is at this stage where the detail is developed.



Survey and validation should be conducted to ensure the project is viable.



When working in different climates, it is important to consider factors that could impact the project, such as that the weather and altitude.



Execution and installation

This is all about the deliverables and ensuring they meet the client's needs. Having a strong project manager is imperative to the execution of any project and they will rely heavily on the planning taking place in previous stages.

Completion and aftercare

With more complex projects, a level of aftercare is increasingly being provided to ensure the facility operates at optimum efficiency.

Working with a partner, such as Boulting, to deliver not only the design and build of a project, but also full asset life cycle management, creates and maintains a safe and secure working environment while reducing costs, risks and disruption.

For more information about Boulting Ltd's international design, construction and installation capabilities visit www.boulting.co.uk