



The 'Goleuad' building is an iconic part of the Caernarfon townscape. Originally an old printers' warehouse, the dilapidated building was acquired by television production company Cwmni Da in 20XX. Our challenge at Datrys was to support the transformation of this stone-walled, Grade 2-listed structure into a state-of-the-art space for offices, production suites and meeting rooms.

From analysis to construction, our main aim as a team was to ensure the architect and client's vision could be brought to life in a way that was safe and structurally sound. As in most refurbishment projects, additional engineering challenges came to light as construction work commenced, but we thrive on embracing these new situations, tackling them head on and working as a team to come up with rigorous, creative ways to overcome them.





## THE DATRYS APPROACH: NOT 'IF' BUT 'HOW'...

The Goleuad project kept our team's problem-solving skills thoroughly honed. We specialise in anticipating future problems, yet old buildings have a habit of revealing themselves as a project gathers pace. In this case we were met with rotten timbers which needed replacing like-for-like; unexpected cracking, especially on the more unstable dockside end of the building; and the need to lower the ground level so that the ground floor could safely be installed. It also became apparent that the existing stone walls were very shallow, to which our solution was to stabilize them using a quick-setting resin injection.





Warren Lewis, Director of Structural Engineering at Datrys, said; “We have worked on schemes throughout the UK but it was especially satisfying to get to grips with such an ambitious project right on our doorstep. With our usual mix of great communication and a thirst for coming up with cost-effective, practical solutions, I’m proud that we’ve been able to be part of regenerating this iconic building so that it sits in total sympathy with both its industrial roots as well as its new context within Caernarfon’s creative quarter at Doc Victoria.”



# GOLEUAD, CWMNI DA / CAERNARFON



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