



THREE GREAT DESIGNS

- 01 This 1930s Dutch barge in London was sensitively converted with all the original fittings preserved. It features open-plan living and a new fully glazed roof section.
- 02 Engineered oak frame and SIPs panels have been combined to create this striking eco home in Devon. A Genvex heat pump system and solar panels help make this the practice's most energy efficient house yet.
- 03 This project in Scotland is the latest version of Roderick James Architects' adaptable Evolution House concept, with open-plan living and sheltered corner verandas. The exposed green oak frame is by Carpenter Oak.



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The concept for this stunning green oak frame house in Wiltshire was devised by leading oak and modern timber frame buildings designers, Roderick James Architects. They were tasked by Colina and Jonathan Humphrey, of Hazeley Developments, with establishing a highly functional family home complete with a flexible interior that would include open spaces as well as quieter closed off areas. The team used Carpenter Oak's green oak structural frame with contemporary stainless steel elements to exceed the limitations of pure timber. An illustration of this blend of craftsmanship and engineering is the bow-string trusses located in the entrance hall and the half-landing to the staircase, which is supported by a bow-string purlin. This house is a great example of how to successfully combine bespoke design with good quality natural materials and cutting-edge construction techniques. Structural insulated panels (SIPs), a beautiful hand-built oak frame and an air source heat pump with underfloor heating are just a few of the components that work together on this scheme.

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