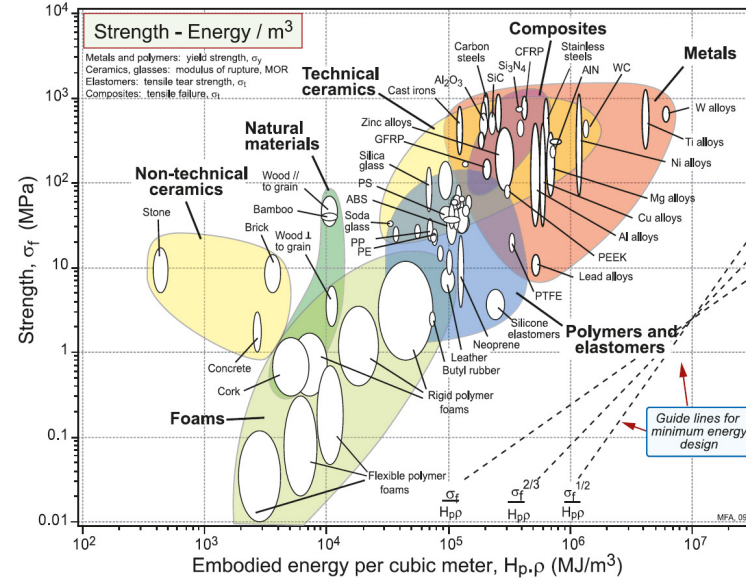
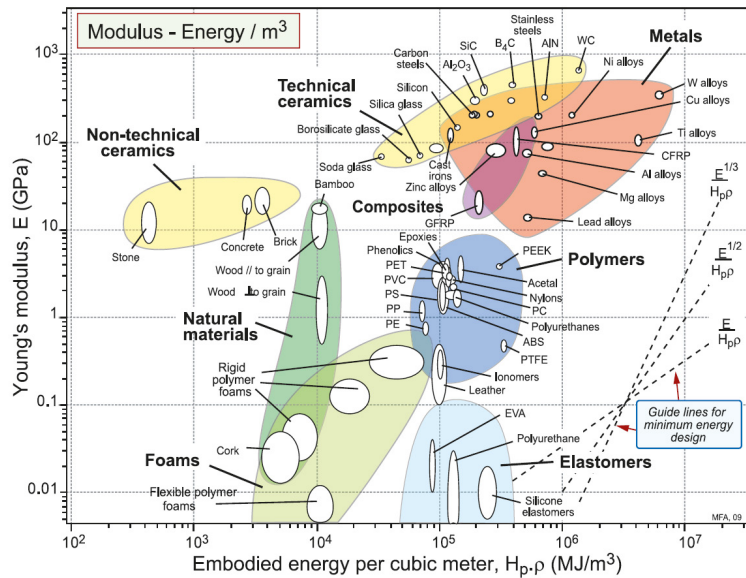
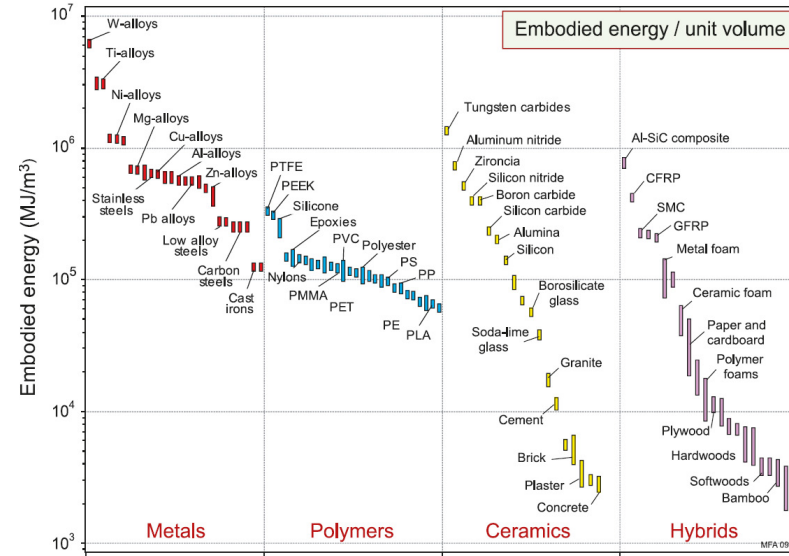
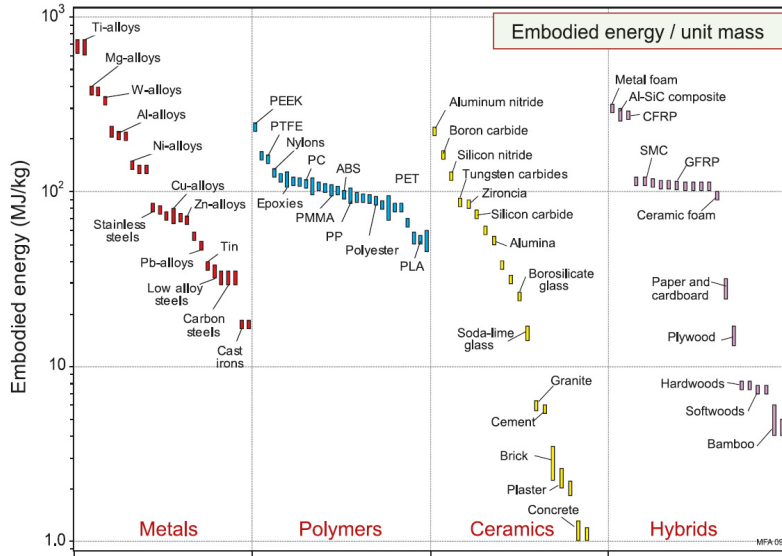


# Eco Design

The upper pair of charts display the embodied energies of materials, per unit weight on the left, per unit volume on the right. The lower pair of charts and their guide lines help choose materials for design to minimize the embodied energy of structures.



All four are fully documented, with case studies of their use in Chapters 9 and 10 of the text "Materials and the Environment – eco-informed material choice" 2nd edition, by Ashby, M.F., Butterworth Heinemann, Oxford, UK (2013).