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biomimicry

Nature is a massive repository of design genius – from the spider that produces a material stronger and more flexible than Kevlar at room temperature to the bee whose fuel efficiency is something like 3 million kilometres per litre of honey, both while performing valuable services to the ecosystem. Imitation of nature's designs and processes is being increasingly used in science and industry to solve human engineering, technological and medical problems – from making non-toxic super-adhesives to treating multiple sclerosis. Biomimicry is the key to sustainable solutions for human problems as non-renewable resources become scarcer and more expensive to extract. For more examples of using nature as a model go to www.biomimicry.net. Be inspired and help preserve the database on which future economic prosperity depends.