

## Making The Modern World Materials And Dematerialization Vaclav Smil

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### **Making the Modern World - Materials and Dematerialization ...**

And they will need more materials: steel to make cars and refrigerators; concrete for roads and runways; copper wiring for telecommunications. I had already read Smil's books on energy and diet. Smil says at the start of Making the Modern World that he won't spend much time on those topics (which means climate change doesn't come up much). Instead he's interested in the materials we use to meet the demands of modern life.

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In turn, new materials have been the principal drivers of increased food production and improvements in sanitation that led to unprecedented gains in quality. Making the Modern World: Materials and Dematerialization, First Edition. Vaclav Smil. c 2014 John Wiley & Sons, Ltd. Published 2014 by John Wiley & Sons, Ltd.

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### **The Making of the Modern World, Part III:**

Industrialisation and urbanisation created a modern material civilisationcharacterised by two processes: (1) a large increase in the sourcing of traditional building materialsand (2) soaring consumption of metals. The author notes that the first process is usually forgotten.

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Published on Jun 12, 2014 Vaclav Smil talks about his book Making the Modern World: Materials and Dematerialization which takes a fascinating look at concrete, stell, and other stuff that makes...