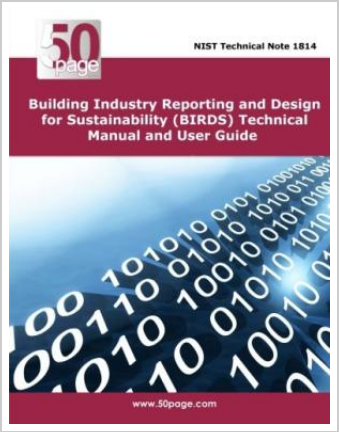

Building Industry Reporting and Design for Sustainability Birds Technical Manual and User Guide

By NIST

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 160 pages. Dimensions: 11.0in. x 8.5in. x 0.4in.Building stakeholders need practical metrics, data, and tools to support decisions related to sustainable building designs, technologies, standards, and codes. The Engineering Laboratory of the National Institute of Standards and Technology (NIST) has addressed this high priority national need by extending its metrics and tool for sustainable building products, known as Building for Environmental and Economic Sustainability (BEES), to whole buildings. Whole building sustainability metrics have been developed based on innovative extensions to life-cycle assessment (LCA) and life- cycle costing (LCC) approaches involving building energy simulations. The measurement system evaluates the sustainability of both the materials and the energy used by a building over time. It assesses the , carbon footprint of buildings as well as 11 other environmental performance metrics, and integrates economic performance metrics to yield science-based measures of the business case for investment choices in high-performance green buildings. Building Industry Reporting and Design for Sustainability (BIRDS) applies the new sustainability measurement system to an extensive whole building performance database NIST has compiled for this purpose. The BIRDS database includes energy, environmental, and cost measurements for 12 540 new...

Reviews

Complete information! Its such a excellent study. It is filled with knowledge and wisdom I realized this publication from my dad and i advised this publication to find out.

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A whole new eBook with a new point of view. It can be rally fascinating throgh studying period of time. I am delighted to explain how this is actually the finest book i have read through during my very own life and could be he best publication for at any time.

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