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Whole System Integration Process (WSIP)

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ANSI/MTS 1.0 Whole Systems Integrated Process Guide (WSIP)-2007 for Sustainable Buildings & Communities®.

Introduction

In November, 2005 a committee of building industry practitioners gathered in Chicago to begin a dialogue on how to offer the marketplace a document that codifies the meaning, importance, and practice structure of an Integrated Design Process. The organization, Institute for Market Transformation to Sustainability (MTS), requested the formation of this group to create a standard guideline of practice that would provide clients and practitioners with a framework for practicing with a highly interactive and co-learning process. This Integrated Design process is essential for achieving both cost efficiencies and highly effective green performance. Many talk about the need for this process, very few teams do it well. This guide is intended to inform designers, engineers, builders, and clients about this process and to provide a framework for taking the mystery out of this way of practicing.

Intent – This document is intended as a standard guideline to support the building industry in the practice of integrative design. The purpose of Integrative Design is to effectively manage the optimization of complex systems while pursuing sustainable practices in design and construction. To achieve cost effective and increasingly more effective environmental performance, it is necessary to shift from conventional linear design and delivery processes to the practice of interrelated systems integration.

Purpose - To provide a common reference for all practitioners (architects, builders, designers, engineers, landscape architects, ecologists, clients, manufacturers, and so on) in support of process changes needed to effectively realize cost savings, deeper understanding of human and environmental interrelationships, and an improved environment for all living systems – human, other biological, and earth systems.