Advancing High-Performance through Research

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Building Research Information Knowledgebase
Issues for BRIK

• Research for all building types and design disciplines that is of high quality

• Interaction that is stimulating and relevant for practitioners and academics

• Leadership that rightly places research into the building life-cycle experience
Importance of BRIK

• **In a knowledge economy, information is the currency of wealth.** Hamilton and Watkins, *Evidence-based design for multiple building types*, Pentecost in chapter 15, John Wiley and Sons, 2009.

• Research has transformed practice.

• Successful integration of disparate knowledge is an industry differentiator.
Linkage Opportunities

• BRIK should offer value to every building-related knowledge-driven enterprise.

• BRIK can be customized (content, search capabilities, interactions, etc.) to enhance value propositions to user groups.

• BRIK data mining should help reveal industry trends and behaviors.
BRIK in Building Life-Cycles

• Life-cycle analysis research should be available on BRIK for study.

• Building research should inform the process of establishing life-cycle metrics.

• BRIK should offer a forum where life-cycle researchers can collaborate.
Life-Cycle Performance

• Integrated knowledge will increasingly be the key to meaningful life-cycle analysis.

• Establishing meaningful metrics that are multi-dimensional will make one-dimensional research largely irrelevant.

• Building owners/ operators can better understand life-cycle analysis complexity.