



Energy Storage Issues and Opportunities

TRANSFORMATION: FROM STORAGE TO SAVINGS

**Buildings Sector:
Results of break-out session discussion**

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Barriers

- Fragmented sector with multiple stakeholders
 - ✓ Decision-making chain complex (many levels, time required for approvals at each level)
 - ✓ Markets (developers, architects, builders, suppliers, building engineers, consumers)
- Lack of regulation
- Lack of awareness among stakeholders
 - ✓ Products and processes
 - ✓ Potential savings

How to overcome the barriers

- Link regulations (national, regional) with:
 - ✓ Market incentives to exceed minimum standards
 - ✓ Local ordinances (e.g. Barcelona)
- Succinct information for decision-makers
- Targeted information on role of energy storage in buildings

Opportunities

- Energy savings
- Greenhouse gas reduction
- Cost savings
- Increased flexibility for the electricity sector
- Increased use of renewables (e.g. solar thermal)