Tapping the Climate and Profit Opportunity in Deep Energy Efficiency Upgrades

Clay Nesler, Vice President, Global Sustainability and Industry Initiatives
Johnson Controls
Percentage of organizations expecting to have at least one near zero, net zero, or energy positive building in the next ten years

- US/Canada: 47%
- Mexico: 39%
- Germany: 80%
- France: 70%
- Poland: 89%
- China: 66%
- India: 54%
- Brazil: 56%
- Singapore: 66%
- Argentina: 80%

2017 Johnson Controls Global Energy Efficiency Indicator Study of 1,537 energy and facility management executives
Preserving Paradise

- 12 Hawaii DOT airports
- 9 Commercial Harbors
- 1,500 miles of State Roadways on Oahu & Maui

- 98,000 lighting fixtures upgraded to LED
- 24,400 solar photovoltaic panels
- Air conditioning upgrades
- Deferred maintenance items
7,962 jobs local created
8 MW renewable energy
$27.3M in tax revenues
100% renewable by 2045
Sustainable Hawai'i
$186.6M in income to households
49% reduction in energy
$710M Guaranteed savings
$865M economic development