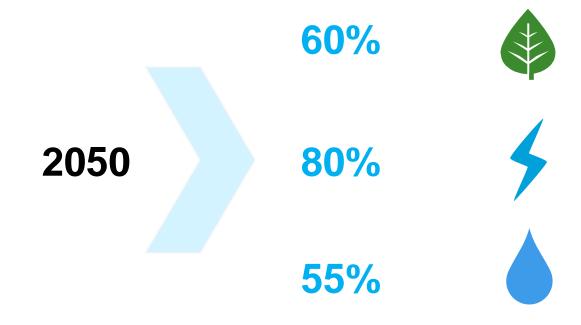
Zero Mass Water: 21st Century Innovation at the Energy – Water Nexus

Cody Friesen, Zero Mass Water ACEF June 8, 2017



JERO MASS

The Nexus Stress



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SOURCE Drinking Water Solar Panel



A solar panel that makes water from air

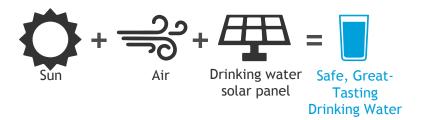
Self-contained and elegant design

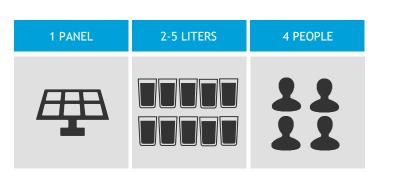
Makes, mineralizes, and pumps drinking water to an in-home tap

Mobile dashboard shows real-time panel performance

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SOURCE - A Virtuous Cycle

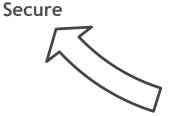












Convenient



Renewable

Traditional Drinking Water





Aging, municipal infrastructure is vulnerable to contamination - lead contamination, boil advisories, etc.



Fetching

Fetching water has an economic impact and disproportionately impacts women and children.



Bottled water is resource consuming, expensive to customer, & accounts for 2% of man-made CO2 emissions

SOURCE Facts



First ever infrastructure-independent water generation

RENEWABLE



Supply refreshed each day when the sun comes up, tapping into inexhaustible supply of vapor in the atmosphere

EFFICIENT



When compared to bottled water SOURCE is environmentally efficient and cost-saving

CONVENIENT



Your drinking water where you need it. Water is connected to a drinking water tap in your home, office, school or clinic

QUALITY



Great-tasting water without the contamination vulnerability of a complex supply chain or distribution system

SECURE



There when you need it. Infrastructureindependent means you have resource security



powered drinking water is there when you need it

Our new-to-the-world solar technology bypasses the energystorage challenges of solar PV & the infrastructure vulnerabilities of water distribution while offsetting the energy consumption of bottled water

SOURCE

Democratizing Global Access to Safe Drinking Water

















