

CHUNGUANG CHARLOTTE WANG

EQuota Energy

2016 Climate Fellow



BIG BOLD IDEA

Help China achieve an energy-efficient and low-carbon future by employing software to analyze usage and generate actionable insights to lower businesses' consumption.

ORGANIZATION OVERVIEW

EQuota's mission is to use leading-edge information technology to help China achieve an energy-efficient and low-carbon future. EQuota optimizes energy usage to reduce carbon and energy costs without the need for new hardware or machinery. EQuota provides its software to commercial and industrial users and distributed utilities in China and collects the data as part of its Software As A Service model. Through disaggregating and analyzing the data, EQuota makes innovative recommendations for how energy usage can be reduced without negatively affecting business operations. EQuota's systems can directly make these changes or advise the customer of changes to make.

PERSONAL BIO

Chunguang Charlotte Wang is CEO and founder of EQuota Energy, striving to deliver innovative and scalable impact to China's energy and emission challenges through utilizing cleantech and big data. Charlotte's passion for constantly improving the data analytics capability across a growing range of building types to reduce energy usage in an innovative way is a driving force behind EQuota. Charlotte is a serial entrepreneur who has previously led projects in the Washington State government and at the China Development Bank, Fraunhofer, and MIT. Charlotte holds a BA in computer science from Dordt College, an MSc in system design and management from MIT, and an MSc degree in computer science from the University of Washington. Charlotte was selected as a Harvard China SEED Senior Fellow in 2012, and she received the Jack Tang Fellowship (MITEI) for Inner-Mongolia Renewable Energy Development and Sustainability in 2010 and the Grace Hopper Award in 2010.

Issue area

Environment

Organization/Fellow Location

Seattle, United States

Impact Location

Asia

China

Organization Structure

For-profit

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