

Workshop Panel 1 Segmentation & Personalization



Jennie Stephens University of Vermont



Jamie Wimberley DEFG/EcoAlign



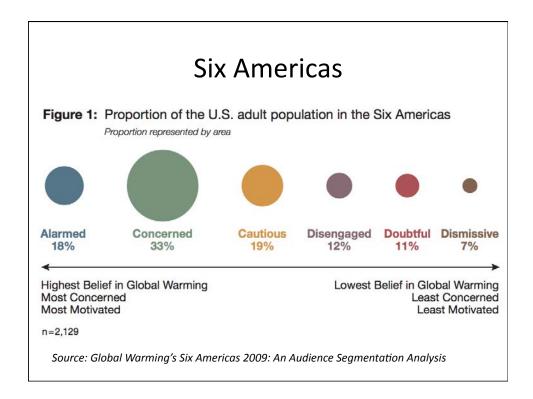
David Weitz Conservation Services Group

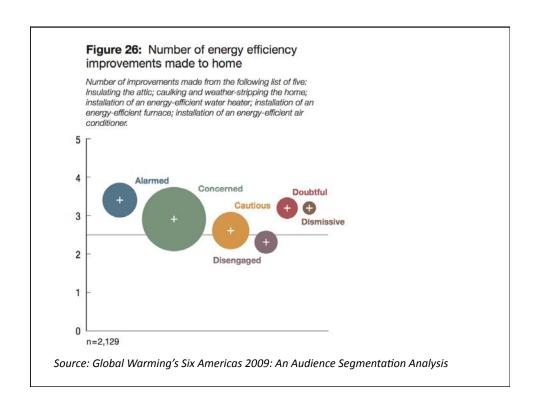


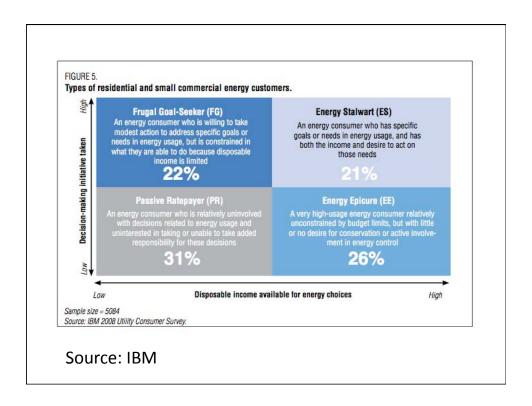
Judith Schwartz
To the Point

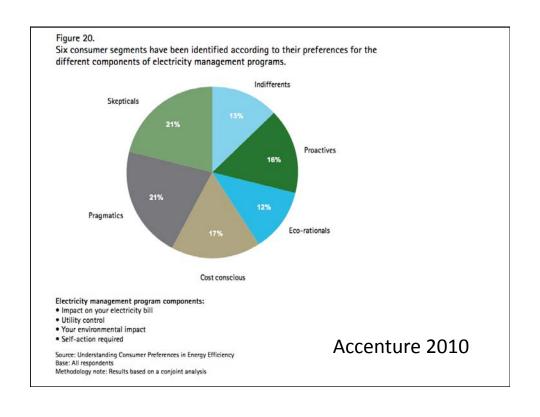
Five Decades of Segmentation

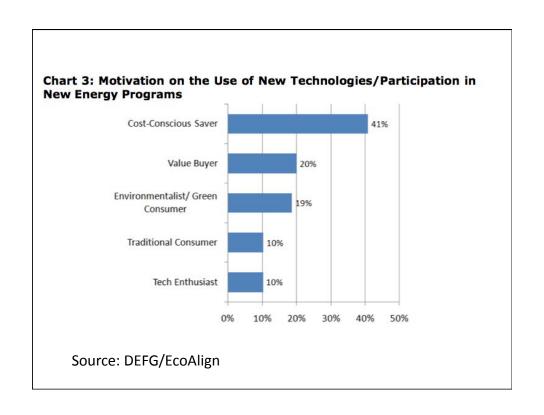
- 1960s demographics (age, assets, jobs, etc.)
- 1978 VALS (SRI Values and Lifestyles)
- Psychographics
- Diffusion of innovation/chasm (adoption)
- Attitudinal (core beliefs)
- Behavioral (actual/past behavior)
- Social norms (societal trends)
- Comfort with technology (digital natives)

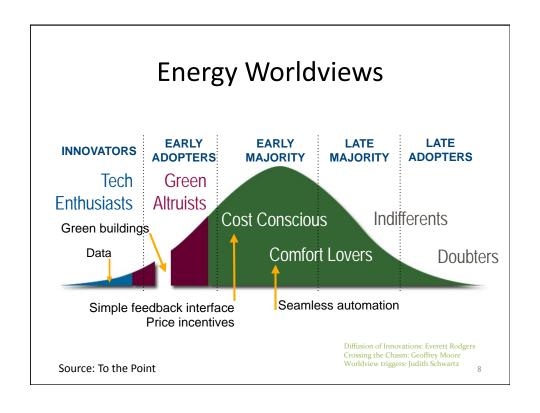


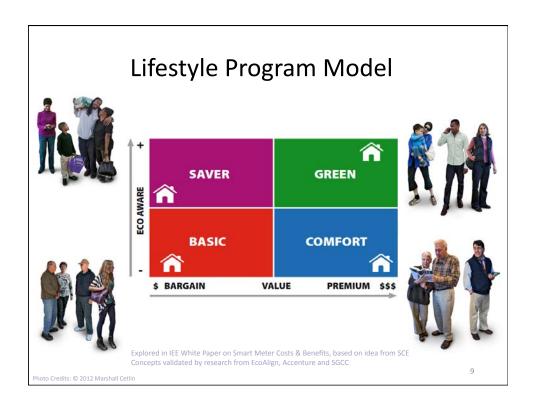


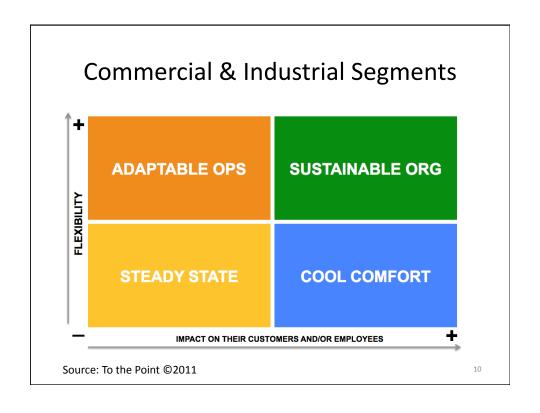


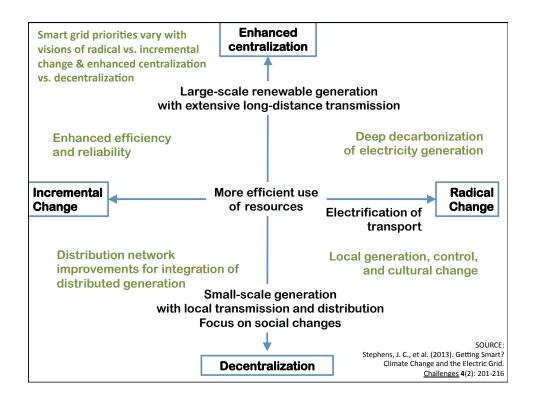












Diversity of Smart Grid priorities/perspectives	
Key Actors	Priorities & Perspectives
Consumers	Reliability, low-rates, reduced environmental impact – but sense of limited influence
Government (National, Regional, State, Local)	Jurisdictionally complex regulation
Private Sector	Accountable to shareholders
Electric Utilities	Maintaining reliable service, responding to consumers and regulators
Technology companies	Innovative & entrepreneurial
Environmental advocates	Low carbon shift & renewable energy, local land use
Energy system researchers	Technologically optimistic – tend to assume minimal social change
	Jennie C. Stephens, PhD Jennie C. Stephens, PhD Jennie C. Stephens, PhD

Energy Savings Potential Model

Actual house used to develop building model using:



location size vintage foundation type consumption data

"Most Efficient" model of same house defines end case



Savings Potential =





Conservation Services Group 2014

Motivation Energy Savings Potential Propensity to Buy

Conservation Services Group 2014