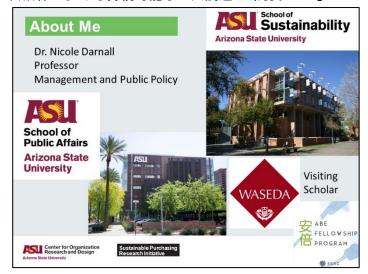
アリゾナ州立大学 Nicole Darnall 氏「アメリカの自治体における持続可能な公共調達と環境ラベル」





Two Parts...

- 1. Results of a U.S. study on cities' SPPs
- 2. Results of international study on ecolabel design

SPP: Sustainable Purchasing Policy

Center for Organization Research and Design Sustainable Purchasing

Sustainable Purchasing at U.S. Federal and State Levels

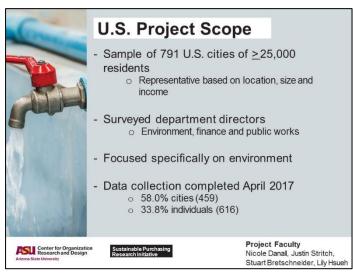
- Federal level
 - Executive orders (3)
 - Sustainability = criteria within federal agencies' purchasing
 - Clinton administration
 - "Greening the Government Through Waste Prevention, Recycling and Federal Acquisition"
 - Obama administration expansion
 - · Reduce greenhouse gas emissions
 - · Stimulate demand for sustainable products
 - No enforcement mechanism
 - Policy likely to change under Trump administration
- State Level some states endorse it California



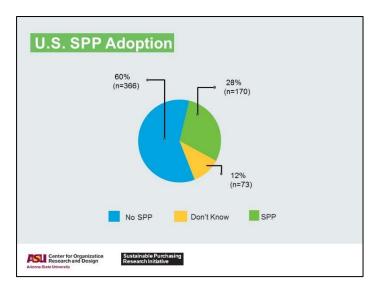
Sustainable Purchasing



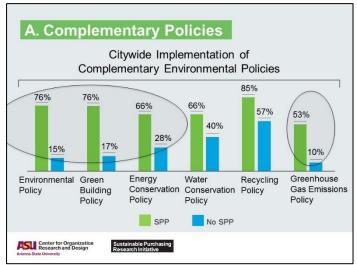


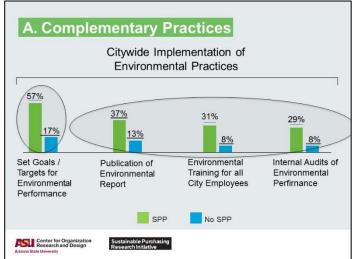


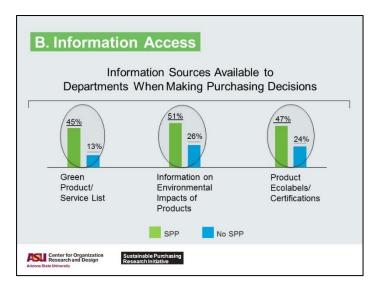


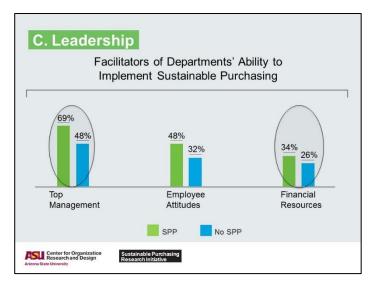


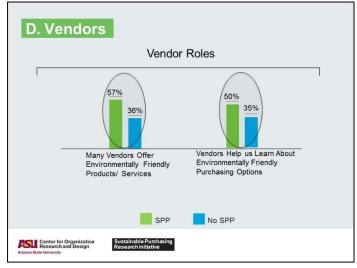




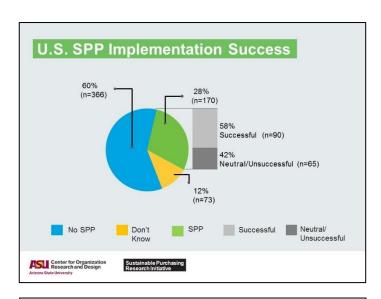




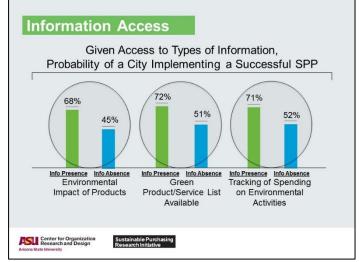














Our 8 Recommendations

- 1. Build on complementary policies and practices
- 2. Use information about environmentally preferred products
- 3. Utilize e-procurement systems that integrate environmental product information
- 4. Track spending related to sustainable purchases
- 5. Enhance collaborative vendor relationships
- 6. Assign accountability to top-level management
- 7. Foster a culture for innovation
- 8. Participate in professional networks to share best practices





Ecolabels

- 1990 = ~ 1 dozen
- 2017 = ~ 465
- Different sponsors
 - Government
 - Industry Associations
 - Independent Organizations
 - Standards setting organizations
 - **Environmental NGOs**









U.S. Federal Position

- No federal regulation of ecolabels
- Federal Trade Commission regulates deceptive advertising claims
 - False "green" advertising considered #1 area for consumer deception
 - Limited prosecutions
- U.S. Environmental Protection Agency offers some guidance
 - Guidelines for Environmental Performance Standards and Ecolabels
 - o Only considered a limited number of ecolabels

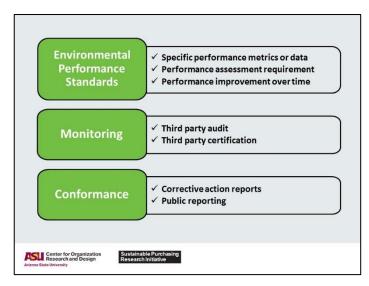


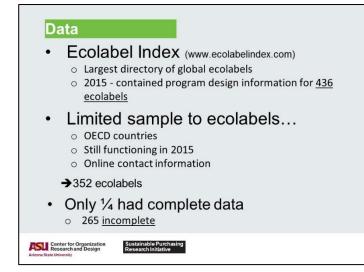
PART TWO: Ecolabel design

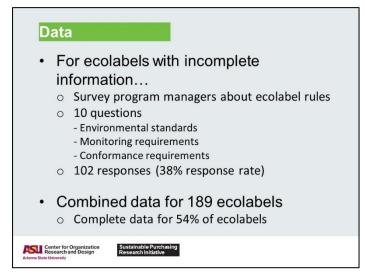
(Darnall, Ji & Potoski, Regulation & Governance, forthcoming)

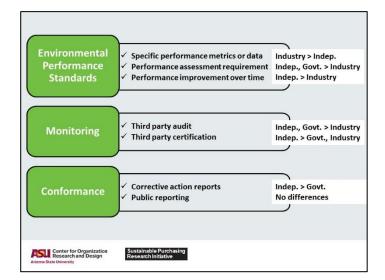
- Are some ecolabels more credible than others?
 - o Is sponsorship a reliable information cue (signal) about the rule structures of ecolabels?
 - International study

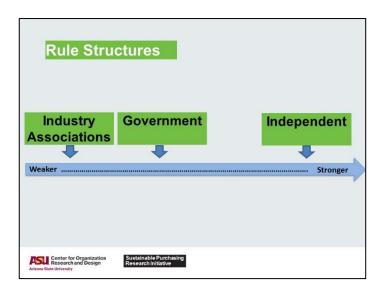






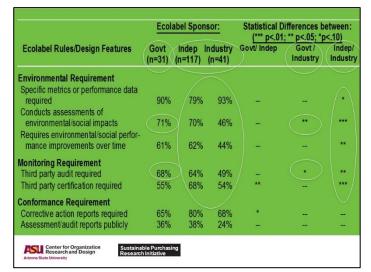












Ecolabel Rules/Design Features	Ecolabel Sponsor:			Statistical Differences between: (*** p<.01; ** p<.05; *p<.10)		
	Govt (n=31)	Indep (n=117)	Industry (n=41)	Govt/ Indep	Govt / Industry	Indep/ Industr
Environmental Requirement						
Specific metrics or performance data required	90%	79%	93%	-	-	**
Conducts assessments of environmental/social impacts	71%	70%	46%	_	**	***
Requires environmental/social performance improvements over time	61%	62%	44%	_	_	**
Monitoring Requirement	0170	02,0	1170			
Third party audit required	68%	64%	49%			**
Third party certification required	55%	68%	54%		-	**
Conformance Requirement						
Corrective action reports required	65%	80%	68%	(*)	-	1
Assessment/audit reports publicly	36%	38%	24%	-	-	77.0