

Ecolabels / certifications: When they make sense & how to ensure success

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Ecolabels/certification programs Vs. just a voluntary standard



Ecolabel/certification programs









What can effective ecolabels / certifications accomplish?

- Thousands companies participating as partners
- More than 40% of Fortune 500[®]



- more than 300 million certified products purchased in 2016
- more than 5.8 billion certified products sold since 1992
- 75% of U.S. households report label as influential in purchasing
- saved American families and businesses \$450B+ since 1992





What effective ecolabels / certifications can accomplish?



- 3,700 companies participate
- Many industries -- trucking, rail, barge and air freight partnering
- 200 major industry associations, NGOs, states and localities, trade groups
- Helped U.S. trucking companies save nearly \$30B in fuel costs
- helped partners save 215 million barrels of oil.





- helped Americans save a cumulative 2.1 trillion gallons of water
- Helped Americans save more than \$46B in water and energy bills.





- more than 22,000 certified organic farms and businesses in the U.S.
- In 2015, there was approximately \$43 billion in U.S. retail sales of organic products.



What value to manufacturers?

- Increase sales
- Increase market share
- Increase profit margin
- Reduce customer concerns and questions
- Demonstrate business responsibility
- Help solve environmental issues
- Improve customer experience
- Give customers option of sharing data on credible data platforms
- Prevent race to bottom in terms of quality
- Allow participation in association of credible manufacturers



Lean canvas (adapted for EPA)

Problem		Desired Act	ion Steps		
Resources the program	needs (FTE/\$/etc.)		Value to pu	blic health/environmen	tal mission



What do effective ecolabels / certifications have in common?

Trust Unique value Simplicity



What do effective ecolabels / certifications have in common?

Trust + Unique value + Simplicity

Brand promise



Translating great complexity into a simple choice

TABLE OF CONTENTS

1.	Specification Scope & Lamp Classification	
1.1		
1.2 2.	Excluded Products:	
3.	Future Specification Revisions	
3.1		
4.	Definitions	
5.	Test Criteria	8
5.1	Testing Color Tunable Lamps	8
6.	United States Federal Regulations	8
6.1	U.S. Department of Energy (DOE)	8
6.2		
6.3		
7.	Product Certification	8
7.1	Product Variations	9
7.2		
7.3		
7.4 7.5	· · · · · · · · · · · · · · · · · · ·	
8.	Methods of Measurement and Reference Documents	
9.	Photometric Performance	. 12
9.1		. 12
9.2		
9.3		
9.4		
9.5		
9.6 9.7		
9.7		- 16
9.9		
	Lumen Maintenance and Rated Life	
10.	Lumen Maintenance and Rated Life	
	2. Rated Life: All Lamps	
	3. Rapid Cycle Stress Test: Compact Fluorescent Lamps	
11.	Electrical Performance Requirements	
	Electrical Safety: All Lamps Annual Company All Lamps Annual Company	
	3. Frequency: All Lamps	
	. Start Time: All Lamps	
11.	5. Run-Up Time: All Compact Fluorescent Lamps	. 22
	6. Transient Protection: All Line Voltage Lamps	
11.	7. Standby Power Consumption: All Lamps	. 22
12.	Controls Requirements: Lamps employing any control mechanism	. 22
12.	1. Dimming Performance: All Lamps Marketed as Dimmable	. 23
	2. Maximum Light Output: All Lamps Marketed as Dimmable	
	3. Minimum Light Output: All Lamps Marketed as Dimmable	
	4. Flicker: All Lamps Marketed as Dimmable	
	5. Audible Noise: All Lamps Marketed as Dimmable 6. Products with Connected Functionality – Optional	
	7. Connected Product Criteria:	
	. Open Access	
	9. Energy Consumption Reporting	
12.	10. Operational Status Reporting	. 25
12.	11. Remote Management	. 25
12.	12. Information to Consumers	25





Translating great complexity into a simple choice



- Iuminous efficacy
- light output
- center beam intensity
- luminous intensity distribution
- correlated color temperature
- color rendering
- color maintenance
- color angular uniformity
- rated lifetime of the bulb

- lumen maintenance
- rapid cycle stress testing
- power factor
- frequency response
- start time & run-up time
- transient protection
- standby power consumption
- dimming performance
- audible noise
- warranty





Translating great complexity into a simple choice



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Brand promise

EXAMPLE A States United States Environmental Protection When do ecolabels / certifications make sense?



Agency

- Many buyers can't easily distinguish products
- Significant demand or latent demand
- Misleading or confusing claims

- Market confusion leading to under investment
- Existence of at least one credible actor
- With a marketbased orientation





- Only in very special cases since they ...
 - Require all of the above PLUS
 - Sophisticated buyers (or buyers have sophisticated advisors)
 - Deliberative purchasing process
 - Credible actors with sufficient, ongoing resources to develop, maintain & enforce multiple standards

 Or when goal is just to inform instead of to shift purchasing





Examples of successful multi-tier ecolabel programs/certifications

	L E E D USGBC	EPEAT	
Applies to:	commercial buildings	computers, copiers, monitors, TVs, cell phones	Office/ institutional furniture
Tiers:	4: certified, silver, gold, platinum	3: bronze, silver, gold	3: level 1, 2, 3
	High: Architects trained in green building design	High: IT purchasing professionals often trained in sustainability	High: furniture purchasing professionals often trained in sustainability
Purchasing period:	Long: many months	Long: many months	Long: many months 16





But even most professional buyers prefer simple, trusted simple choice for most buying decisions ...

when it comes to environmental performance

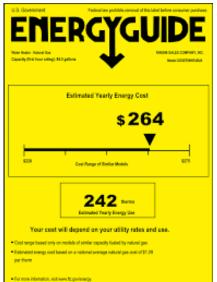




BACK POCKET SLIDES



Examples of rating systems (very large # of tiers) that primarily inform buyers





	2/3 cup/2/3 taza (55g)
Calories/Calorias	230
	% Duily Value"/Value Dissis"
Total Fat/Grasa Total 8;	10%
Saturated Fat/Grasa Saturada 1g	5%
Trans Fab/Grasa Trans Og	
Cholesterol/Colesterol (mg	0%
Sodium/Sodie 160mg	75
Total Carbohydrate/Carbohidrate Tetal 37g	13%
Dietary Fiber/Fibra Dietética 4g	14%
Total Sugara/Acúcares Total 12g	
Includes 10g Added Sugars/Incluye 10g azücares afladidos	20%
Protein/Proteinas 3)	
Vitamin D/Vitamina D 2mcg	105
Calcium/Calcio 200mg	205
IIon/Hiero 8mg	451
Potassium/Potasio 295mg	61
¹ The 'N fieldy Value (DV) liels you have much a soluted in a new egg of field carbibates to powers memory actives.	in daily del. 2,000 salates a day is used for



Commercial sector ingredient brands





