



ENERGY STAR

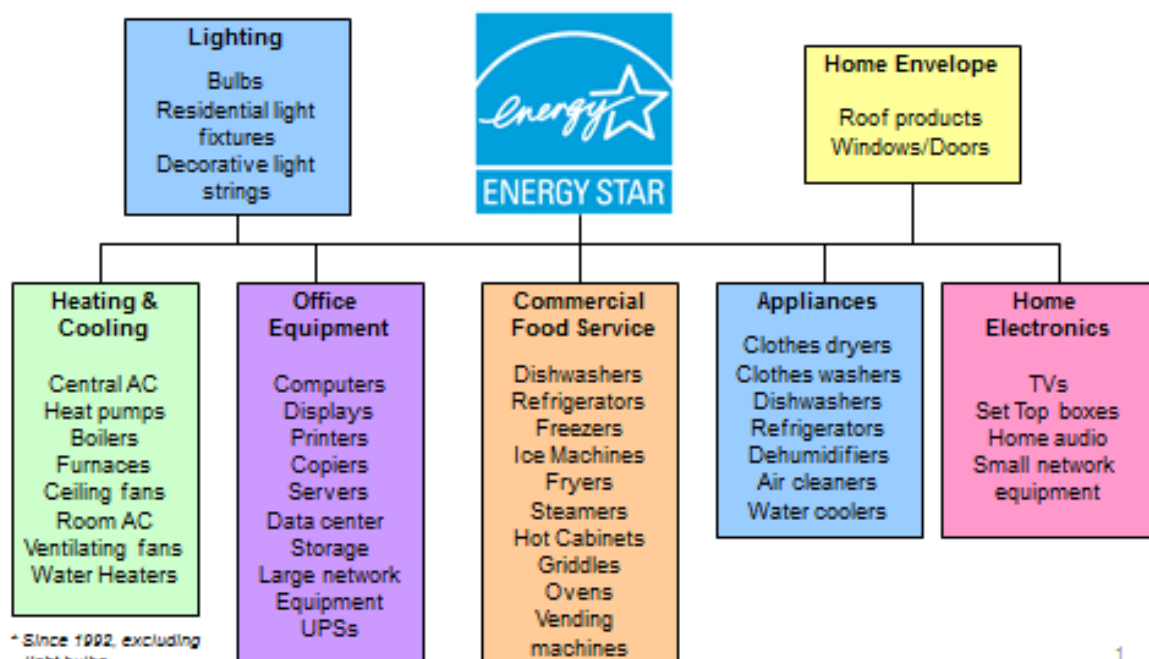
Improving Energy Efficiency through International Cooperation

WTO TBT Committee
Thematic Session on Energy Efficiency
June 14, 2016
Keith Mason, US EPA



ENERGY STAR: Certified Products

More than 5.2 billion products sold* across 70+ Product Categories



ENERGY STAR -- US EPA's Role



- Manages the ENERGY STAR voluntary program
- Develops technical specifications for all ENERGY STAR certified products through a transparent process with international input (see next slide).
- Negotiates formal agreements with other nations for office equipment and other products (EU, Can., Aust., NZ, Norway, Iceland, Japan, Chinese Taipei, others).
- Validates and maintains a world-wide database of internationally recognized testing laboratories, accreditation and certification bodies.
- Promotes int'l harmonization of test methods and certification approaches and int'l data sharing.

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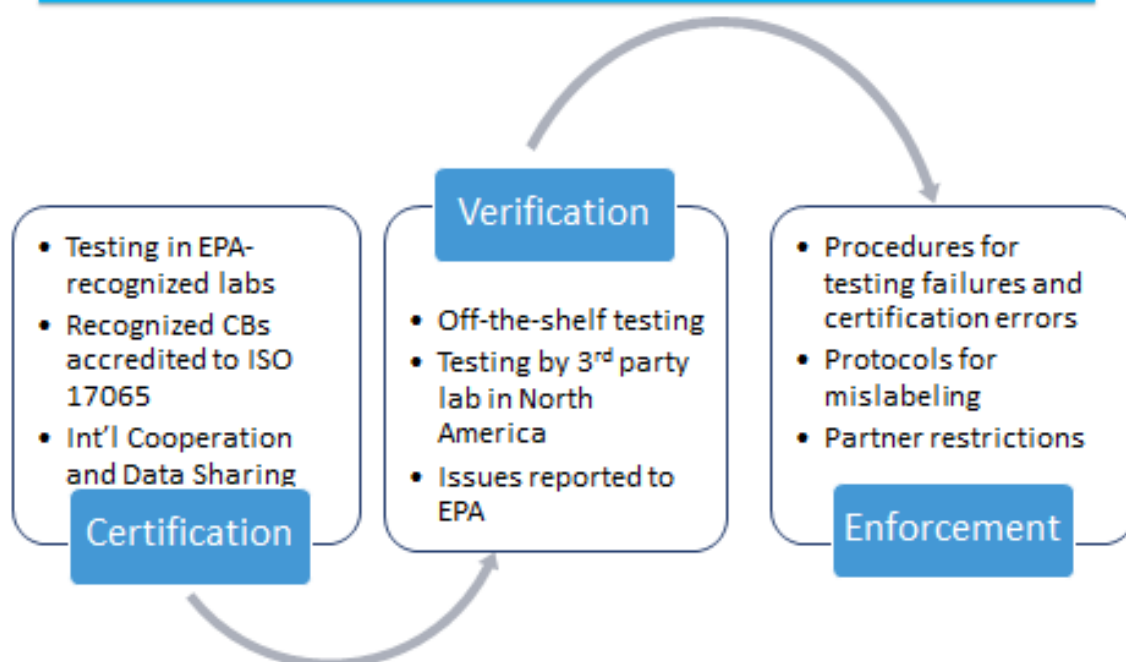
EPA's Product Specification Development Cycle: Opportunity for International Input



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ENERGY STAR

Third Party Certification Overview – U.S.



ENERGY STAR Recognized Bodies for Certification (as of February 2016)



Laboratories by Location					Accreditation Bodies
Country	Accredited Labs	SMTLs	WMTLs	Totals	
Australia	1	-	-	1	-
Austria	-	1	-	1	-
Brazil	2	-	-	2	1
Canada	12	11	7	30	1
China	82	39	28	147	1
Denmark	-	-	1	1	-
France	-	-	-	0	1
Germany	8	4	4	16	1
Guatemala	1	-	1	2	1
Hong Kong	3	-	-	3	1
India	1	-	-	1	1
Italy	3	1	2	6	1
Japan	16	14	6	36	3
Malaysia	2	2	-	4	-
Mexico	1	9	1	11	-
Netherlands	2	1	1	4	1
New Zealand	-	2	-	2	-
Singapore	2	-	-	2	1
South Korea	18	13	4	35	1
Spain	2	-	-	2	1
Sweden	1	1	-	2	1
Chinese Taipei	39	3	14	56	1
Turkey	-	4	-	4	-
United Kingdom	3	2	-	5	1
United States	92	102	48	242	8
Totals	291	209	115	615	25

Selected ENERGY STAR Resources

@ www.energystar.gov



Product Specification Resources

www.energystar.gov/specifications

Partner Resources

www.energystar.gov/index.cfm?c=partners.pt_index

International Partners Resources

www.energystar.gov/international

Third-Party Certification Resources

www.energystar.gov/testingandverification

Third-Party Certification Directive Resources

www.energystar.gov/cbresources

Accreditation Body Resources

www.energystar.gov/index.cfm?c=third_party_certification.tpc_accred_bodies

Certification Body Resources

www.energystar.gov/cbresources

Lab Resources

www.energystar.gov/index.cfm?c=third_party_certification.tpc_labs

EPA-Recognized Lab Accreditation Bodies

www.energystar.gov/index.cfm?c=partners.epa_recognized_accreditation_bodies

Product Verification Testing Roles

www.energystar.gov/index.cfm?c=third_party_certification.tpc_verification_testing