

International Workshop to Promote Best Practices on Consumer Electronics Standards and Labeling Programs in Asia Pacific Partnership Countries



ROLE OF LABORATORIES IN STANDARDS & LABELING PROGRAMS

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Agenda

S & L Program and Laboratories

Role of Laboratories – Current & Evolving...

A brief introduction to UL

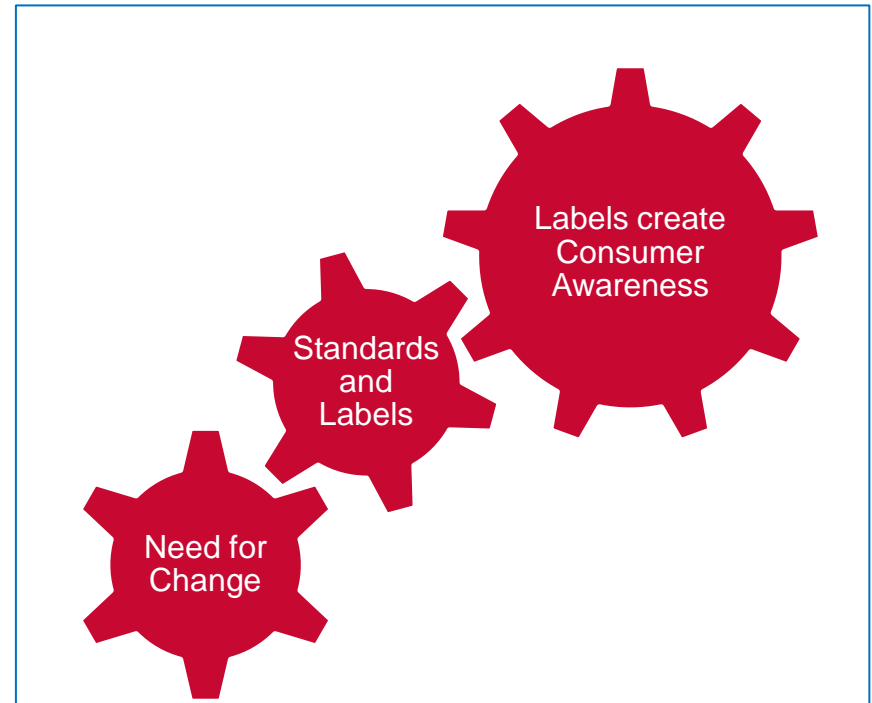
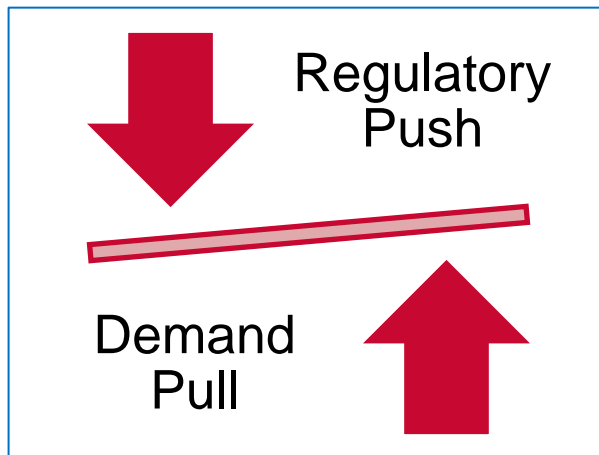
Discussion



Standards & Labels : Their Role in Today's Economy

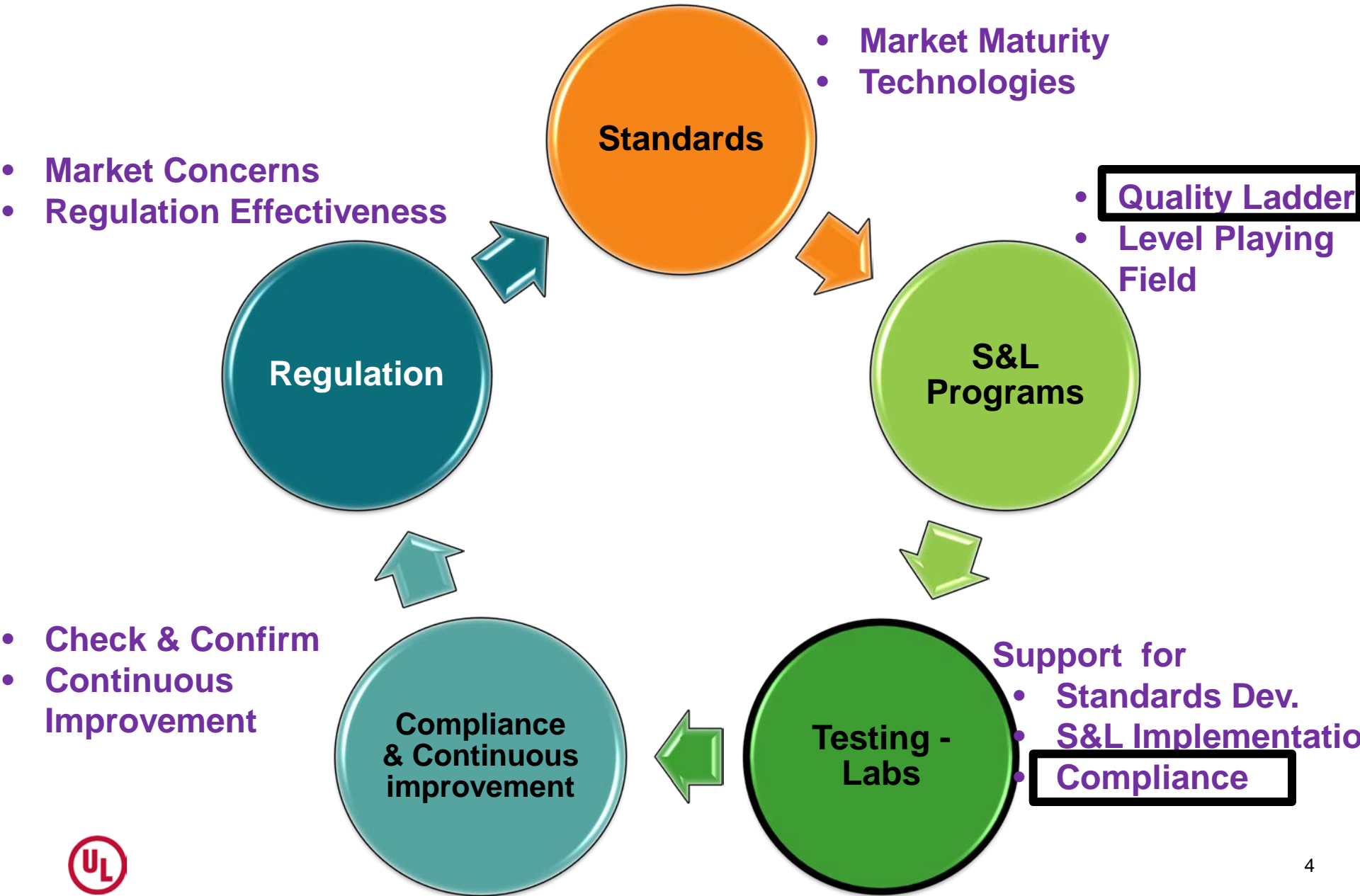
Fine Management of Regulatory Push and Demand Pull help Manufacturers to Innovate & Win

Standards and Performance Requirements are Growth Accelerators and not a 'Pain to be tolerated'

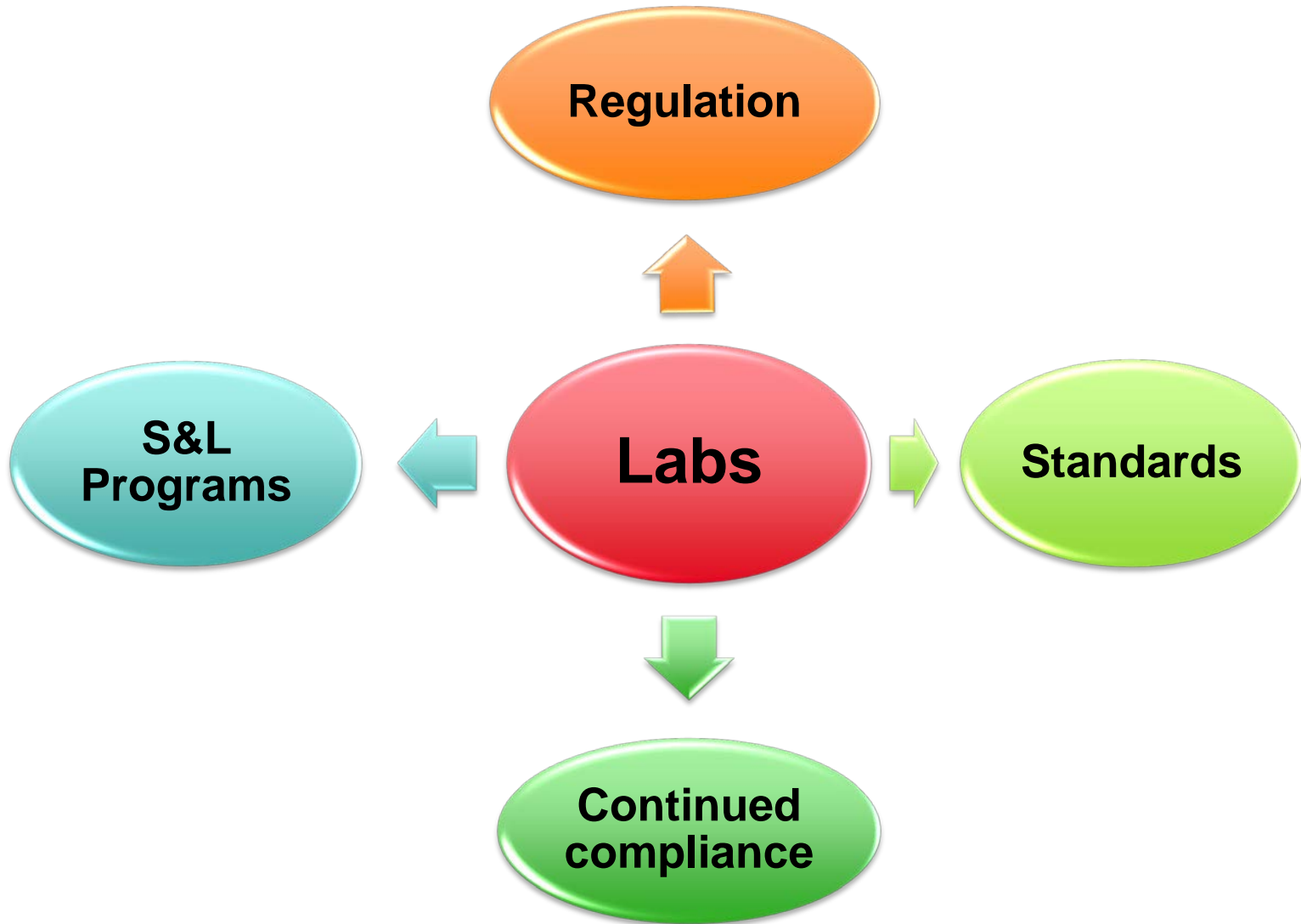


Marks on Products Communicate Succinctly to Consumers and Help Markets Grow / Evolve

S & L Program and Labs

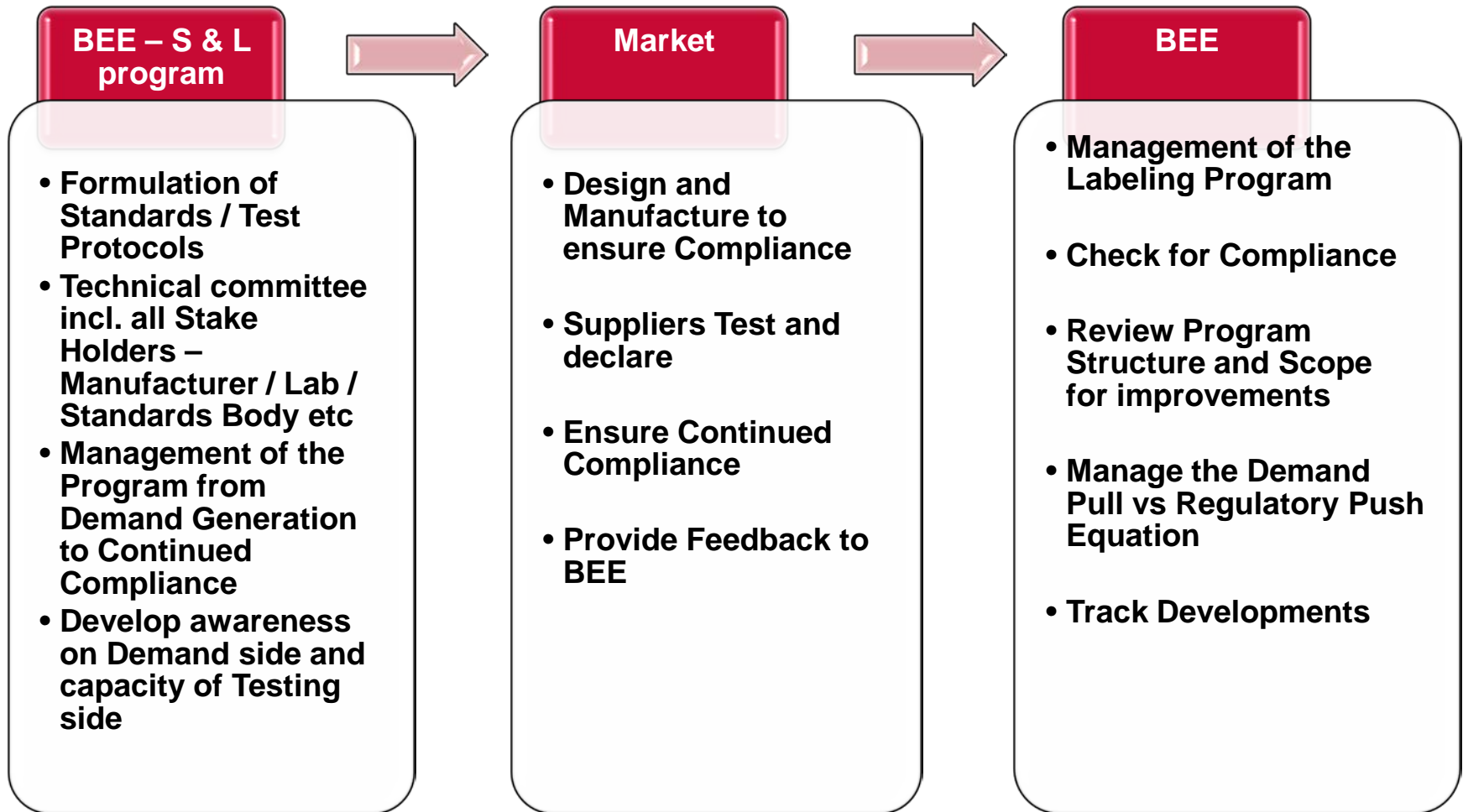


S & L Program and Labs



Labs play a Pivotal Role in S&L Programs

S & L Program for Energy Efficiency : The BEE Example



Current Role of Labs in S&L Program

- Drive New technologies
- Promote Innovation towards better products

S&L requirements
By BEE

- Manufacturer tests
- Declares conformance

Upgrade S&L requirements
By BEE

Labels awarded
By BEE

- Check test data to move the market upwards

- Market Pick up of Product for Conformance Check

Compliance Penalty / Reward
By BEE

Check testing –
By BEE
Thru' recog. Labs



Evolving Role of Labs in S&L Programs

- Drive New technologies
- Promote Innovation towards better products

S&L requirements
By BEE

- BEE recognizes Certification Body Labs
- Manufacturer approaches CB

Upgrade S&L requirements
By BEE

Testing and Certification
By CBs

- Market surveillance data to move the market upwards
- Check compliance mechanism efficacy

- CB issues CoC to Mfrs.
- BEE awards label on CoC
- CB conducts testing for Continued compliance

Market surveillance
By BEE

Continued compliance
By CB

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The Way Forward ...

Tax benefits for investments in Test Laboratories – and not just R&D Labs

Subsidies for Industry for Lab Investments

Industry Cluster Approach to make Test Facilities available

Mechanisms to ensure Independence, Reliability & Repeatability

Building Capacity & Capability - Collaborative Approach in Investments as well as Operations

.....and Harmonization in future.

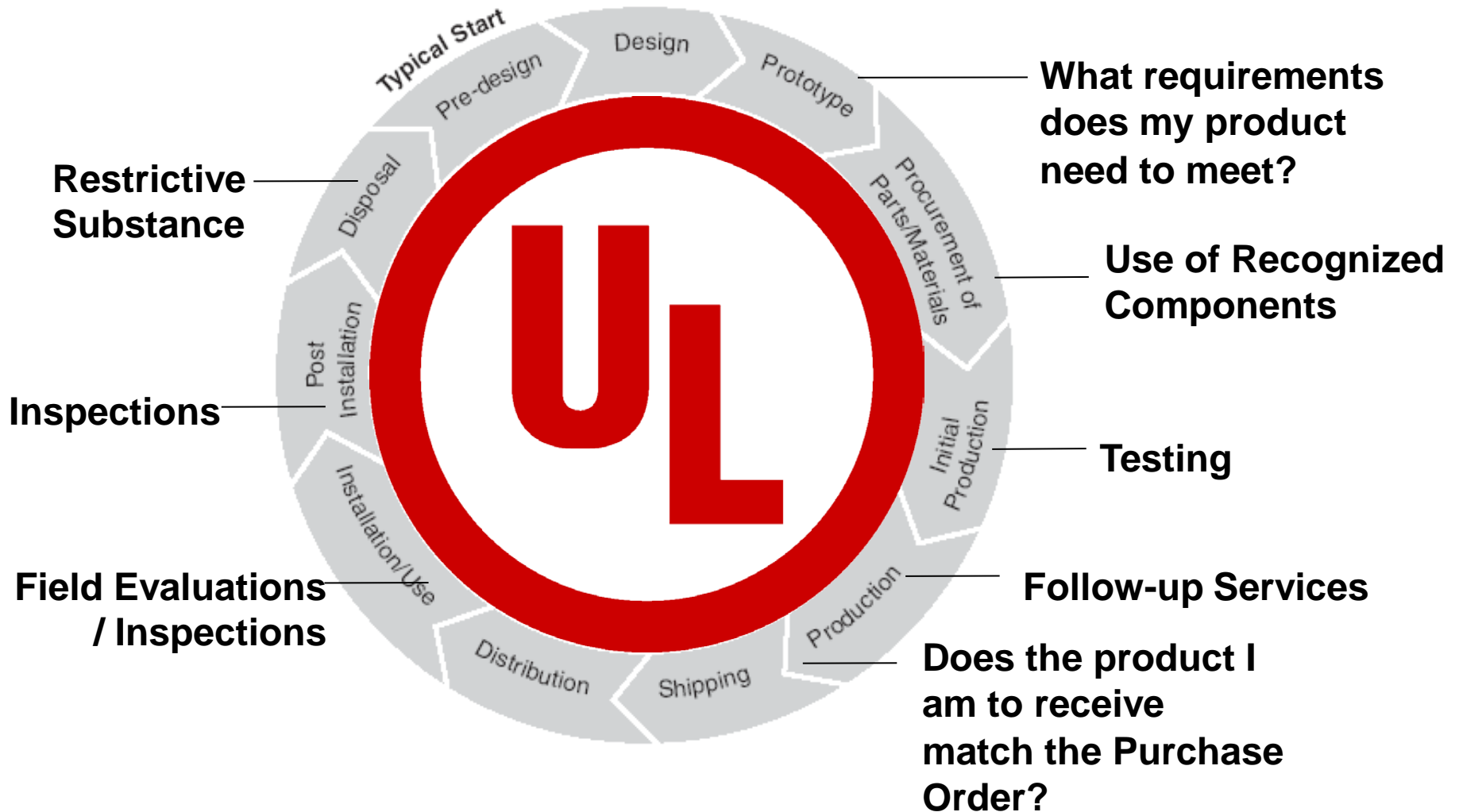
“Test Laboratories are an Integral Part of any Standards & Labeling Mechanism”

An Introduction to UL

23,000,000,000	UL Marks appeared on products
595,709	Follow-Up Visits to Audit Compliance
88,189	Products evaluated
66,932	Manufacturers Produce UL-Certified Products
19,722	Product Types evaluated
6,921	Employees Serving Customers
1413	Published Standards
100	Countries operation
73	Laboratory, testing and Certification facility
1	Unified Brand



UL Services

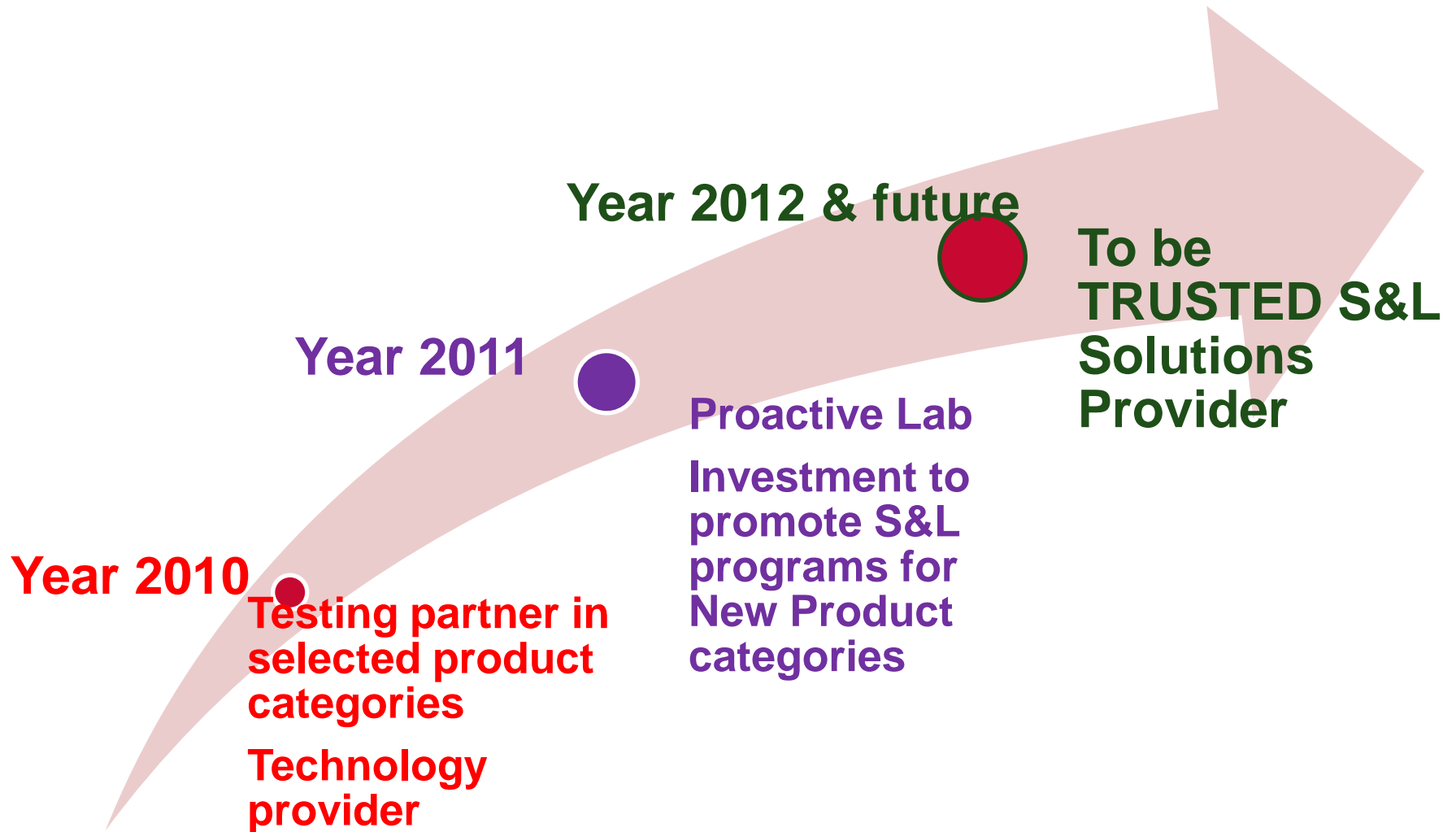


UL's Services

- Safety Certification:** International Markets North America
- Environmental Validation:** Energy Efficiency Certification
Environmental Claim Validation ★
Sustainable Product Certification
NRCan, CEC, EnergyStar, RoHS
- Verification Service :** Testing and verification
- Water :** Water Safety, Water Efficiency ★
Treatment Chemical, Plumbing
- Health Science :** Medical devices, System Certification
- Training & Advisory :** ★ UL University....and many more.....



UL's road map for BEE S&L programs





FOR HUMANITY

"We are proud of our plant and very proud of the work we are doing, because, far beyond any particular interest of the underwriter which we may be serving, we are doing something for manufacturers and buyers and users and property - owners everywhere - we are doing something for humanity."

May, 1913

W.H. Meril, Jr.



Underwriters
Laboratories



Test to Know - State the Facts

William Henry Meril

Founder : Underwriters Laboratories

Discussion



THANK YOU.