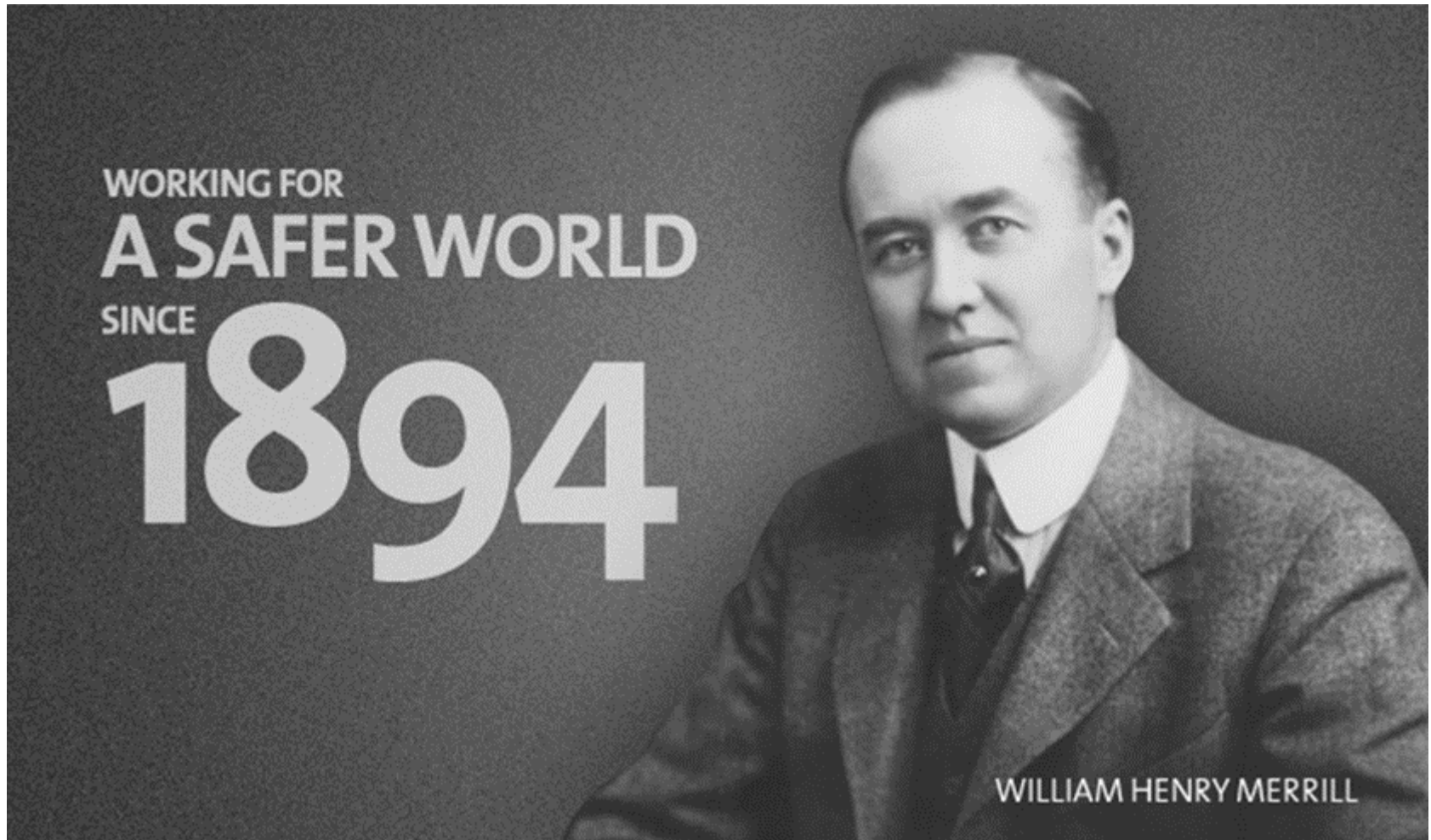


Our Mission



American National Standards Institute

Although the American National Standards Institute is not a standards development organization, it plays a critical role in the development of national consensus standards as a national coordinating body for several hundred U.S. SDOs.

- 250 Accredited SDOs
- UL one of largest



ANSI's Essential Requirements

Requirements for Due Process

- Openness
- Lack of Dominance
- Balance
- Coordination and Harmonization
- Notification of Standards Development
- Consideration of Views and Objections
- Consensus Vote
- Appeals
- Written Procedures



UL Accreditation by ANSI

- **One of First SDOs accredited by ANSI**
(approximately 250 accredited SDOs)
- **One of First SDOs to received Audited Designator Status by ANSI** (a status given to only those SDOs who have achieved a “consistent record of successful voluntary standards development”)
- **UL Procedures for accreditation published as *Regulations governing ANSI/UL STPs***

<http://ulstandards.ul.com/develop-standards/stps/stp-regulations/>



UL Accreditation by SCC

- One of First non-Canadian SDOs accredited by SCC in Canada
- One of only a few SDOs accredited in both the US and Canada
- UL positioned to develop a single standard, using a single process, for both countries



UL Standards Efforts

UL is known for product safety, and product safety standards

UL Standards also addresses:

- Testing of systems and services
- Indoor air quality
- Environmental issues
- Performance standards
- Efficiency standards
- Sustainability



UL Standards Technical Panel (STP)

The heart of the UL Standards Development Process

The Standards Technical Panel (STP) is the consensus body for developing/maintaining one or more UL Standards

- ~350 STPs exist today

- ~3400 unique members participate on the UL STPs

STPs are open to international representatives

Thailand does have representation on UL STPs!



UL STP Composition

STP Members are classified according to the following:

- Producer
- Supply Chain
- Commercial/Industrial
- General Interest
- AHJ/Regulator
- Government
- Testing and Standards Organization
- Consumer
- International Delegate

*** (Individual representing a national standards body outside of the US)*



The Collaborative Standards Development Systems (CSDS)

- ✓ CSDS is UL's web-based standards development system used to submit proposals, comment, and vote on proposals at any time of the day from any computer system with internet access.
- ✓ CSDS is open to anyone interested and is the designated and primary tool for participation in UL's standards development process.
- ✓ CSDS can be accessed at : <http://csds.ul.com/Home/Default.aspx>

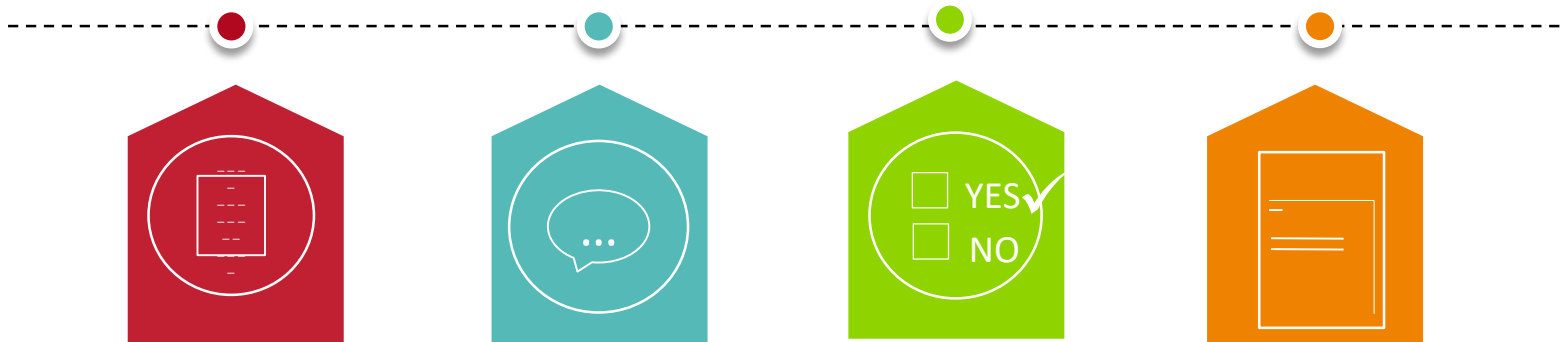


STP Meetings

- Held on as-needed basis
- Meetings are open
- Guests may attend and participate
- Attendance at meetings is not a requirement for STP membership
- No Voting at meetings (balloting done on-line)
- Intended for discussion and consensus building
- Discussion limited to standard issues

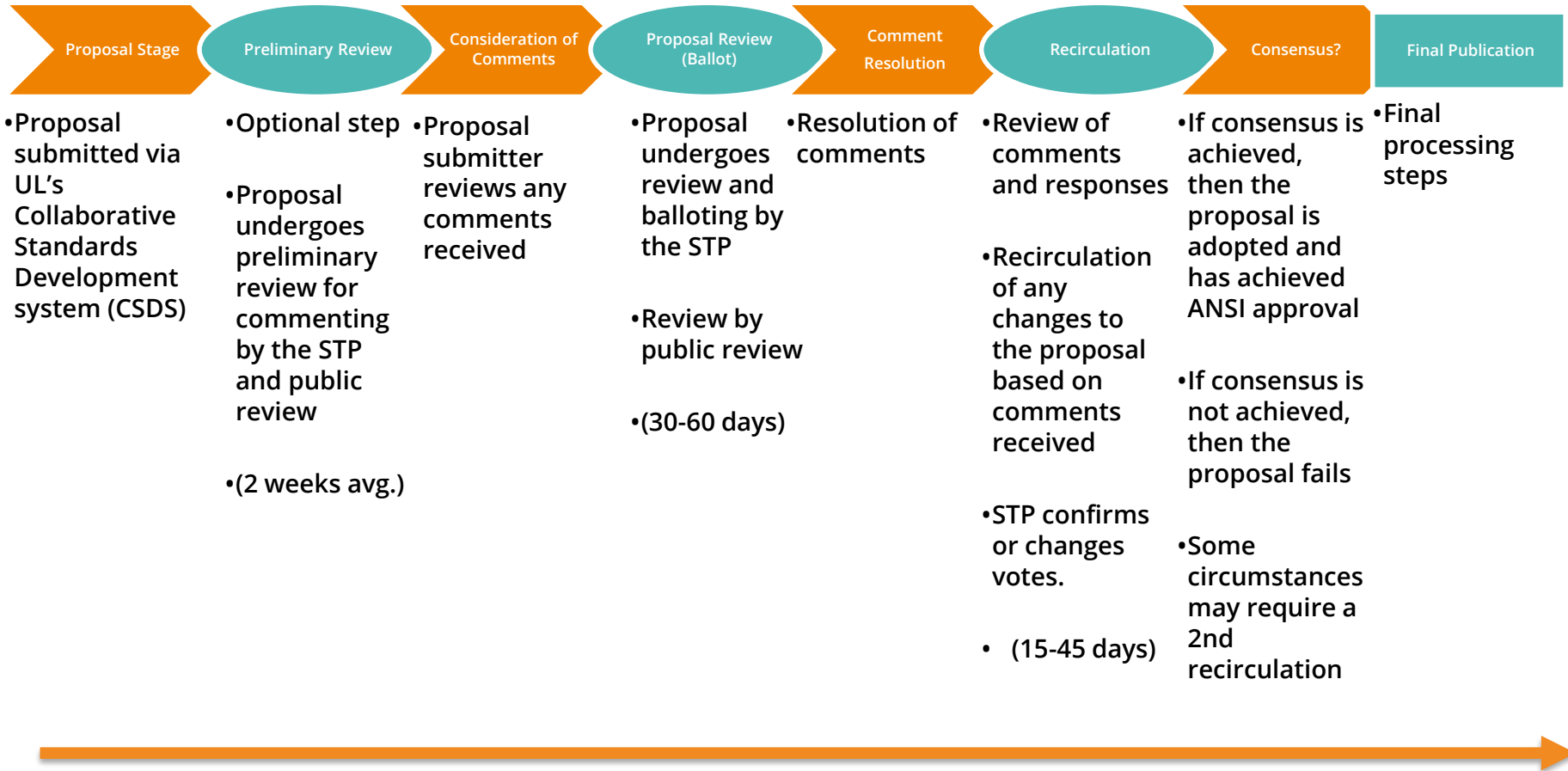
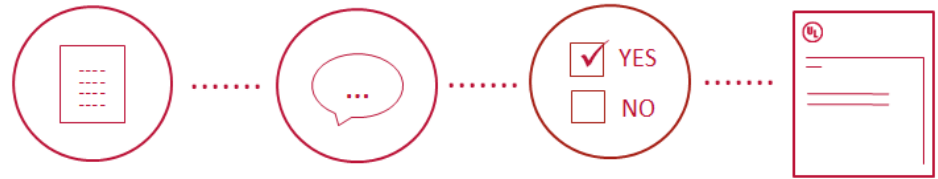


UL STANDARD PROCESS



- The UL Standards Development process relies upon STPs to serve as consensus bodies for UL Standards
- STPs are a central part of the process by which UL develops and maintains its Standards
- Process is approved and audited by the American National Standards Institute (ANSI) and Standards Council of Canada (SCC)

Process Overview



AVERAGE OF 8 MONTHS



Consensus - ANSI

**Majority
ballots
returned**

> 50%

2/3 Approval

Yes votes by at least 2/3 of those that voted
(excluding abstentions, negatives without
comment)



How can I be involved in the UL Standards Development Process?

Submit proposals via CSDS for revising standards:

<http://csds.ul.com/Home/Default.aspx>

Attend STP Meetings either as an STP Member or a Guest:

<http://csds.ul.com/Home/MeetingsDefault.aspx>

Join a Standards Technical Panel (STP):

<http://www.ul.com/global/eng/pages/solutions/standards/developstandards/stps/index.jsp>

“Call for Members” indicates which STPs are seeking members:

<http://www.ul.com/global/eng/pages/solutions/standards/developstandards/participation/callformembers/index.jsp>

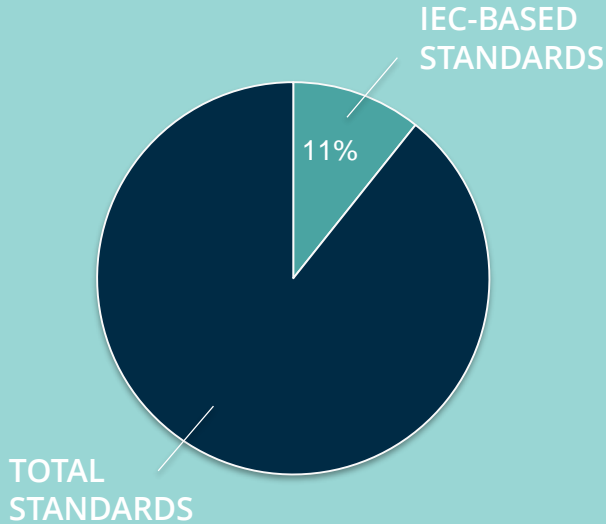




OVER 400 UL STPs



OVER
1,600 Standards
PUBLISHED



Over 60 staff

LOCATED IN THE US, CANADA,
CHINA, DENMARK, AND INDIA



OVER
120
YEARS

OF EXPERIENCE IN
STANDARDS
DEVELOPMENT



MORE
THAN
3,400
UNIQUE STP MEMBERS

Cooperative Efforts & MOUs

UL has signed MOUs with several developing countries in order to promote use of UL standards within that country and assist the country in establishing safety requirements.

- Provides access to entire library of UL standards
- Allows for translation by SDO to local language
- Allows for adoption and distribution of the UL standard within that country
- Aligns requirements and provides for easier trade
- Encourages participation in each other's standards development process



TISI and UL Standards Cooperation



TISI and UL signed a Standards MOU June 26, 2018



Summary

- **UL encourages international participants in its standards development process**
- **The CSDS system allows for access by anyone/anywhere to the UL standards development process**
- **UL encourages use of its standards material around the world**
- **UL's mission for a safer world leads to agreements that provide access to, and adoption of, UL standards by other countries**



Helpful Resources

More information regarding the STP Process

<https://ulstandards.ul.com/develop-standards/stps/>

The Approved Regulations Governing ANSI/UL Standards Technical Panels

<https://www.ul.com/global/documents/corporate/standards/ApprovedRevisionstoULsAccreditedProcedures.pdf>

General Standards Website

<http://ulstandards.ul.com/>

Online STP Application

<https://csds.ul.com/STPInfo/ApplicationHomePage.aspx>



Thank You!!

Sonya Bird

Director – International Standards

sonya.m.bird@ul.com

