



ASHRAE Overview

Environment and Sustainability Standing Committee - HRM

June 02, 2022

Mick Schwedler, P.E., LEED AP
ASHRAE President – 2021-22



Personal Growth.
Global Impact.
Feed the Roots.



Mission

To serve humanity by advancing the arts and sciences of heating, ventilation, air-conditioning, refrigeration and their allied fields.

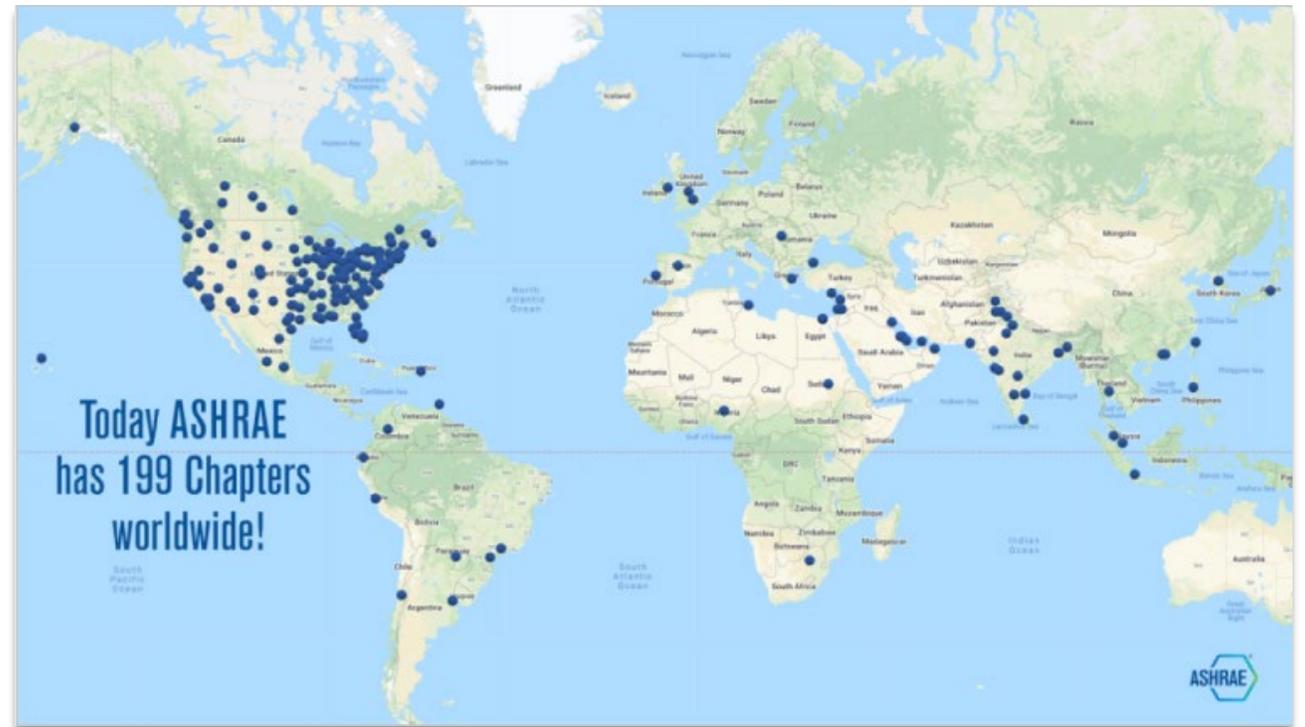
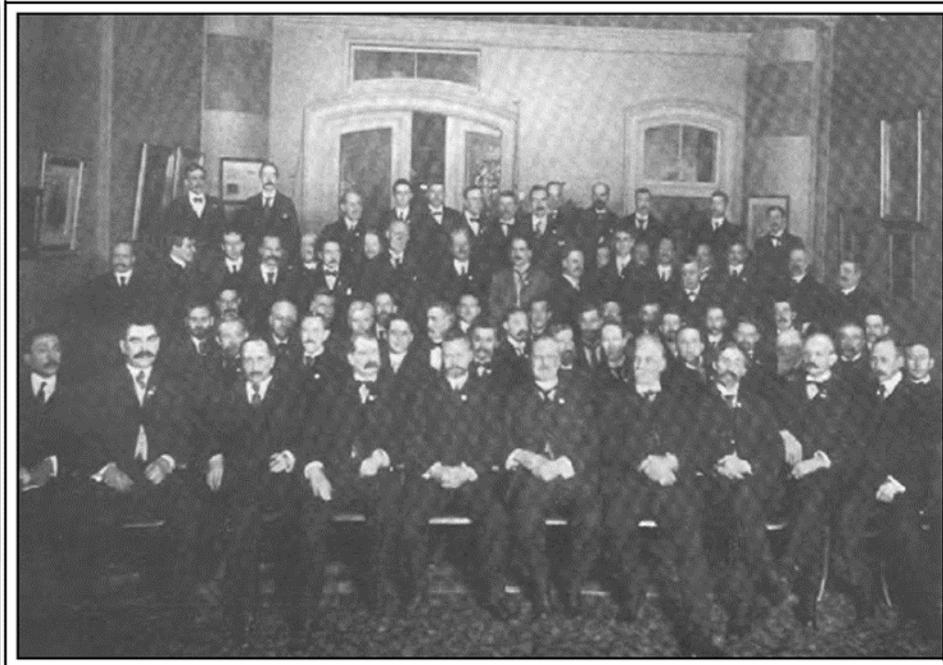
Vision

A healthy and sustainable built environment for all.

1906 – 2022: Grassroots, ASHRAE Chapters



- 51,500 Members globally
- >4,600 in Canada



Global Impact...serving the next generations and inspiring our next generations of professionals



- Sustainability and resilience
- Reduce energy utilization intensity (EUI) and environmental emissions
- Keep vaccines effective by keeping them cold
- Reduce food spoilage
- Keep students, staff and other building occupants healthy



Making a difference!

- Standards:
 - Energy, emissions, ventilation/filtration, safety
 - Sustainable buildings (189.1)
 - Partner with local entities for code adoption or adaptation
- Education, training
 - Tailor with local bodies
- Guides
 - 3 zero energy Advanced Energy Design Guides (with AIA, IES, USGBC)
www.ashrae.org/freeaedg
- Research funded by Member donations (it's objective)

• Decarbonization

- Task force Allocated \$550,000 to expedite
- COP26 participant
- Decarbonization conference: October, Athens, Greece



ashrae.org/decarb

Diverse and Global Grassroots Combined with Technical Roots



Together we serve humanity



- Objective information
- Independence
- Help lay-people understand the science
- Training and education
- Help reach your goals
- Actually reduce emissions
- *“A healthy and sustainable built environment for all.”*