



Thank
You!

Manitoba RP Campaign – 2017/ 2018

Thank you! to the following donors who have contributed to last year's 2016-17 Campaign.

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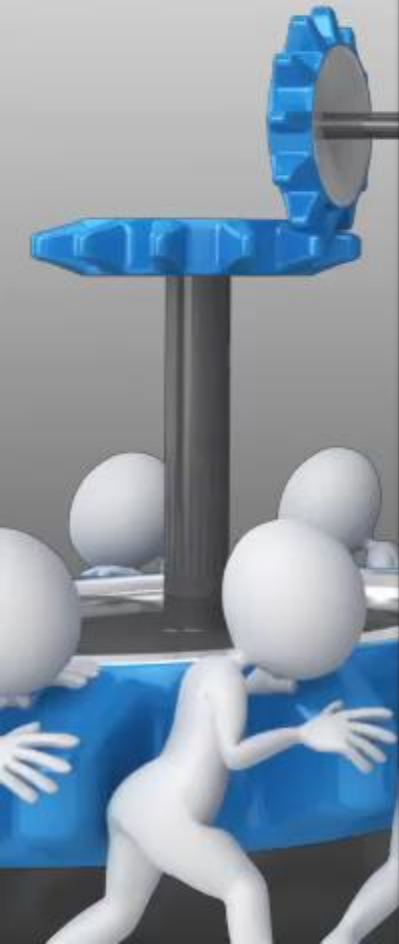
ASHRAE Research



ASHRAE Research

Mission: To improve the quality of life and to answer tomorrow's questions through research today.

- Development of technical information to create standards and guidelines, which serve as the basis for testing and design practices around the world.
- Backbone to the Handbooks, Journal, Standards & Certification and other educational courses

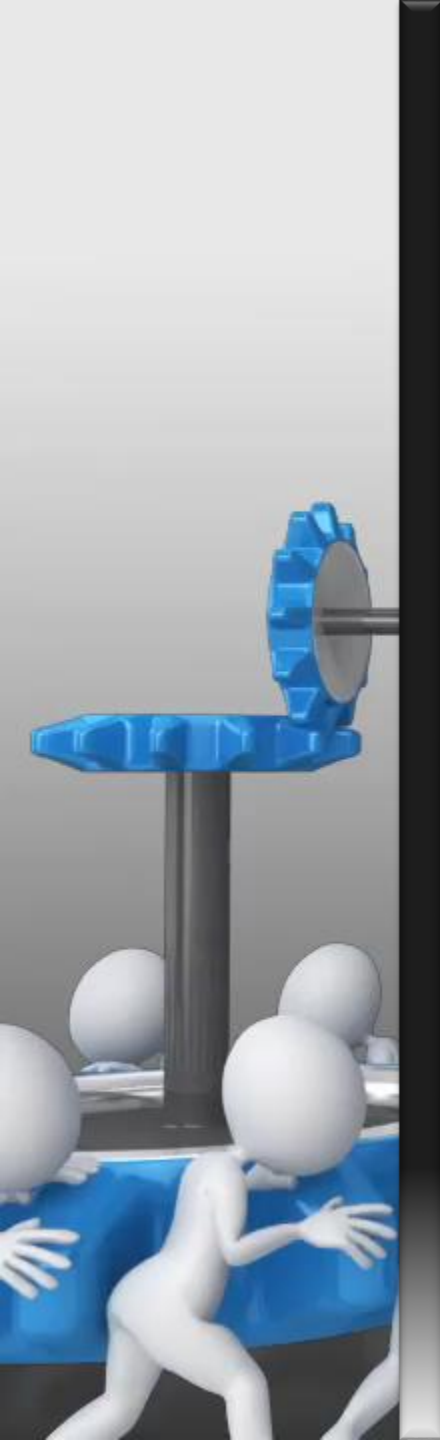


Guiding Principles

Not for a few but for all people

Not for the Present but for the Future

Not for development of products but for
discovery of PRINCIPLES



Research & You

Impacting not only your profession but your life



Sustainability

Improved energy performance for all building types; feedback to occupants on performance & country specific models to improve building



Health

High IAQ Standards, improved standards for hospital & infectious disease filtration

Comfort

Updated thermal comfort standards for modern clothing trends, humidity control in various climates



Financial Savings

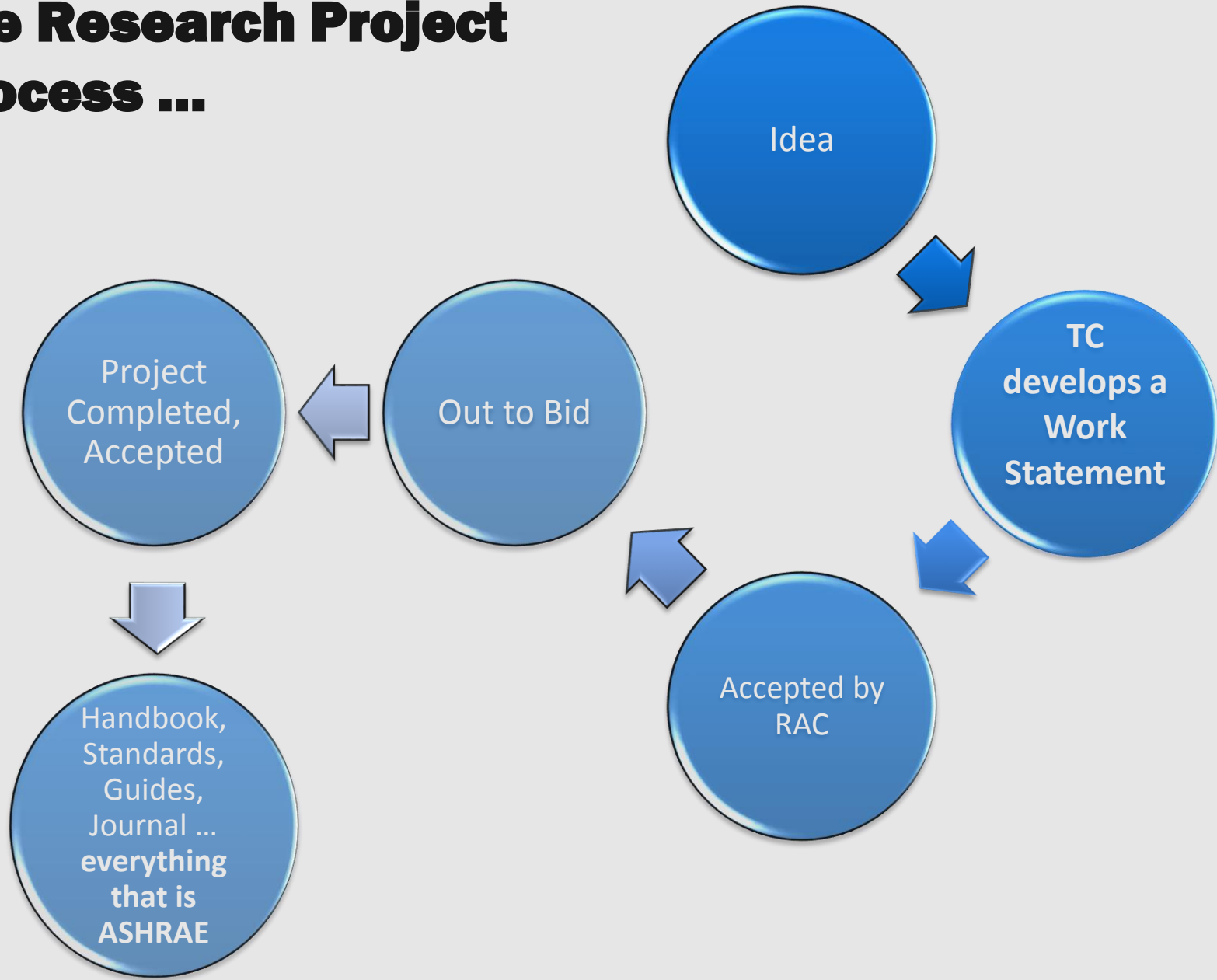
Reduced energy consumption for HVAC&R, water heaters & lighting, study of alternative energy sources and its efficiency



Standards

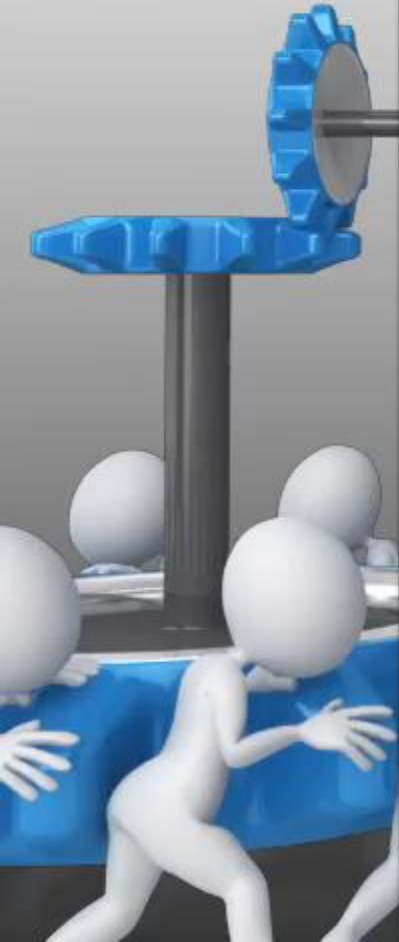
Ensuring that Standards & Guidelines reflect current needs & trends

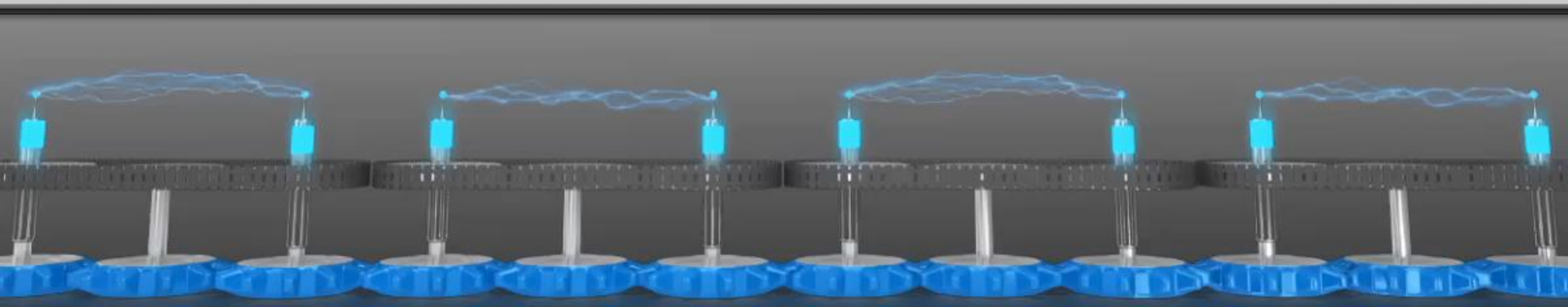
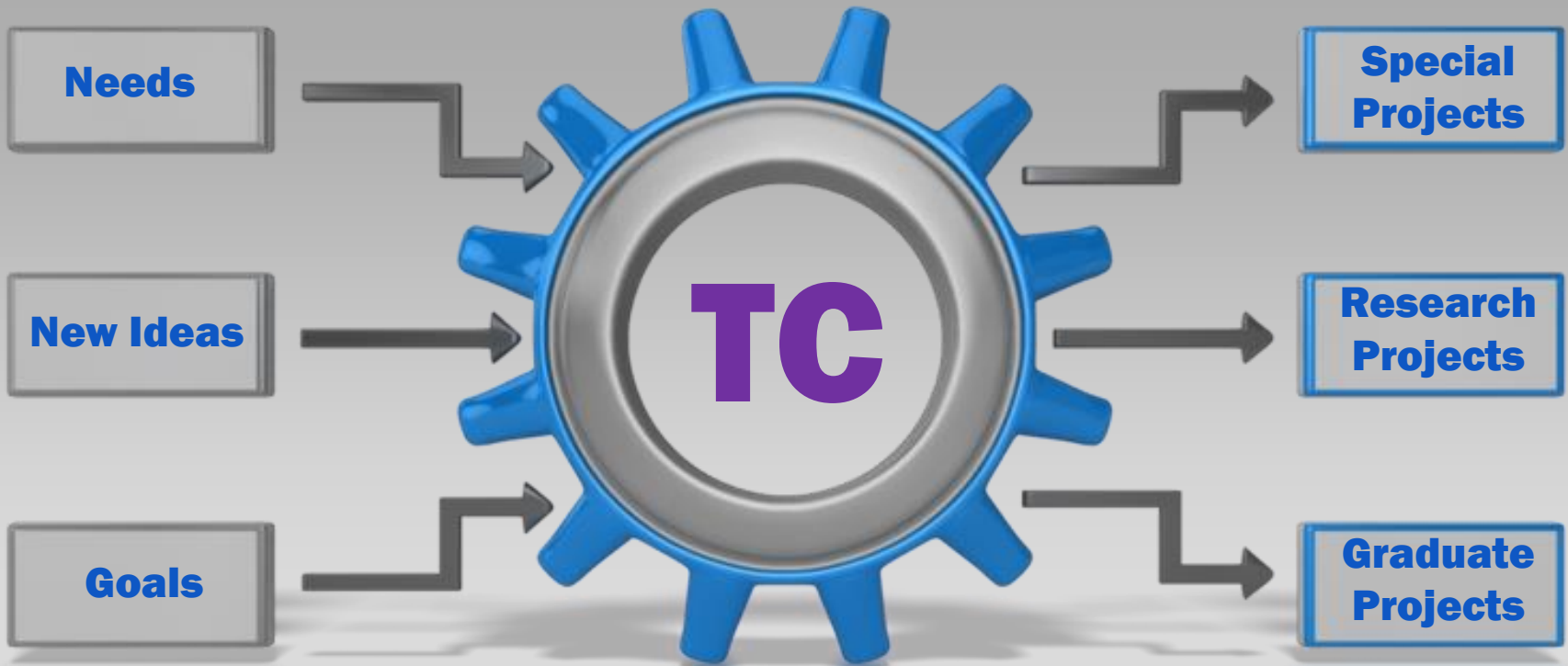
The Research Project process ...

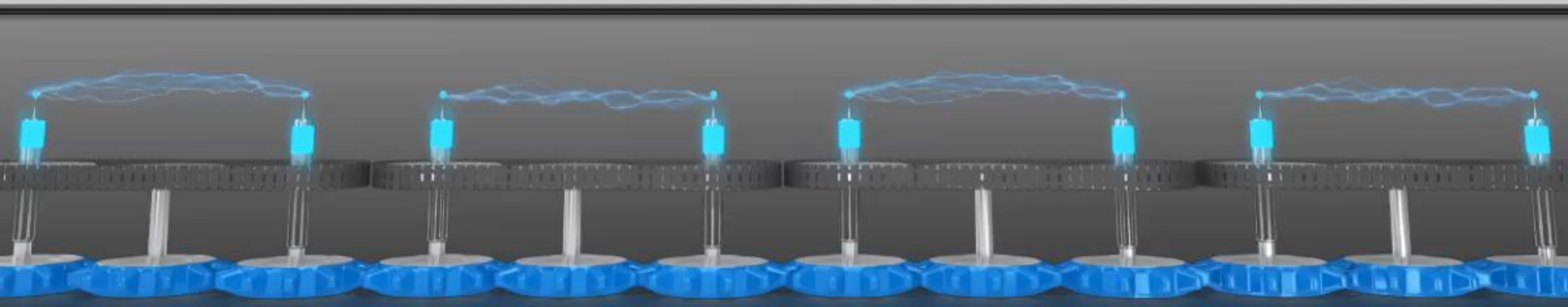


ASHRAE Technical Committees

- More than 90 different specialties
- Serves as the guiding hand, cheerleader, and work horse to the entire Research Community
- All working together to produce relevant, timely, and toward the overall Society research goals



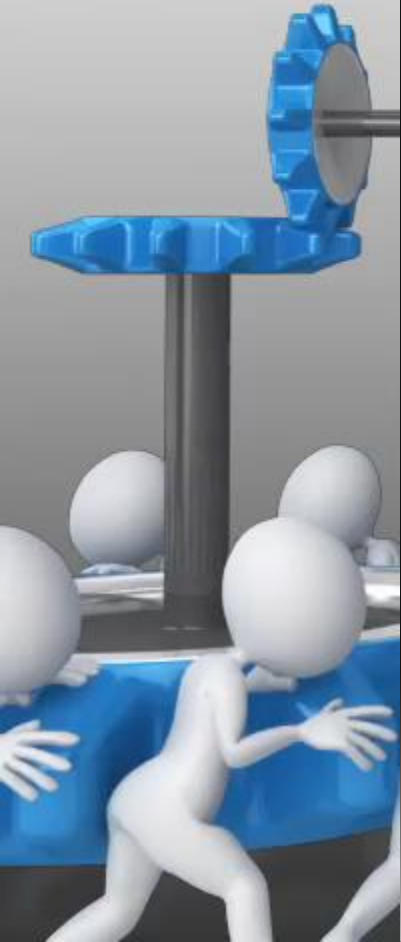




Research Project 1627

An evaluation of the actual energy performance of K-12 school buildings designed in accordance with the 30% ASHRAE Advanced Energy Design Guide (AEDG)

Provide recommendations for how future AEDGs for K-12 school buildings could be made more effective in achieving better energy performance than required by ASHRAE Standard 90.1 while providing acceptable indoor environmental quality.

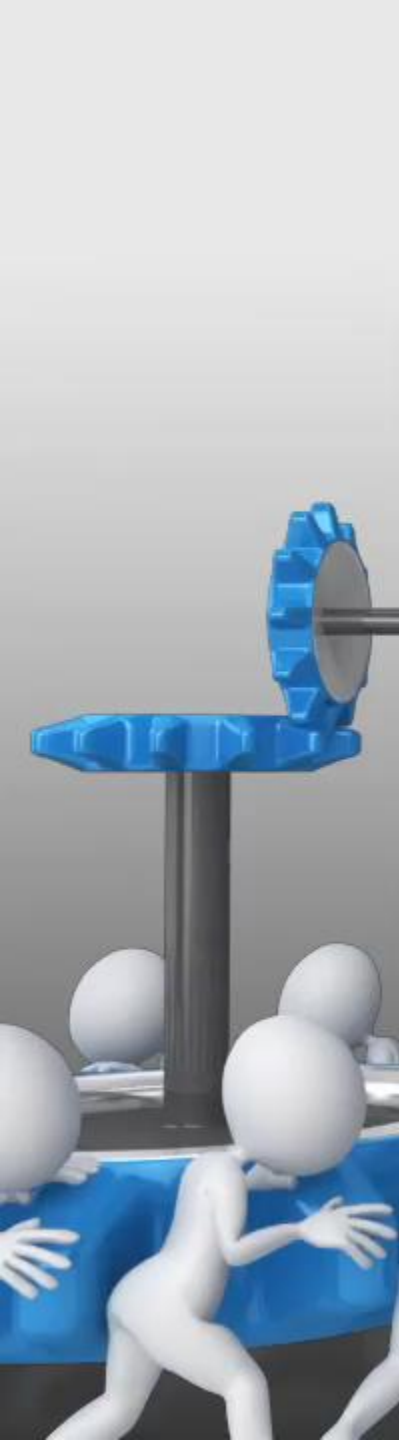


Research Project 1603

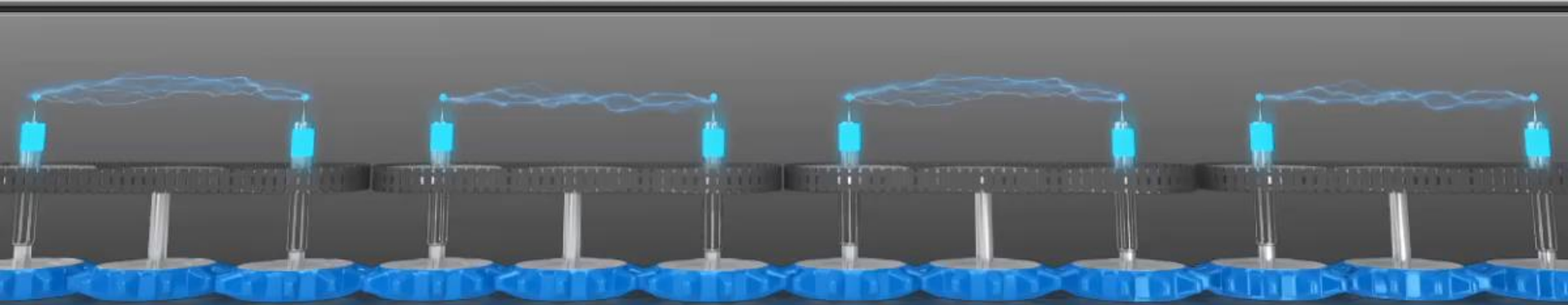
What role do the HVAC systems of buildings, trains, & buses play in the transmission of infectious diseases for the general public?

Do the current standards allow for enough fresh air, filtering, and humidity control to be safe or are new guidelines needed?

Thanks to this project, we'll soon know.



- 80+ research projects
 - Traditional projects
 - Special focus projects
 - Development of User Guides
 - Grant-in-Aid Graduate Student projects
- All 14 Regions have active projects
- All members benefit ...
 - regardless of location
 - regardless of specialty

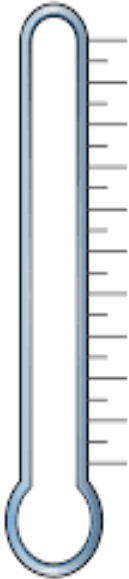


2017/2018 RP CAMPAIGN GOAL



\$11,750

GOAL!



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Want to help immediately?

Contribute to the RP Campaign!



100% of all Research donations go to Research ...
not overhead, staffing, supplies, support –

Just Research!

www.ashrae.org/contribute

The Funds of RP Campaign

www.ashrae.org/contribute

- **Research:** Funds the backbone of ASHRAE standards, handbooks and every publication of the industry.
- **Yea:** Engages members 35 or younger in ASHRAE with professional and personal development.
- **Education:** Supports the ASHRAE Learning Institute (ALI) and education of members.
- **ASHRAE Foundation Endowed Funds:** Provides a legacy of support for ASHRAE. The foundation invests the funds and provides 5% annual return.
- **ASHRAE Scholarships:** Assists students with education costs and encourages students to enter the industry.
- **General Fund:** Provides unrestricted support to various ASHRAE special programs or community-focused projects.



E-Resources:

www.ashrae.org/research

www.ashrae.org/tcs

www.ashrae.org/rp

ASHRAE Research

