

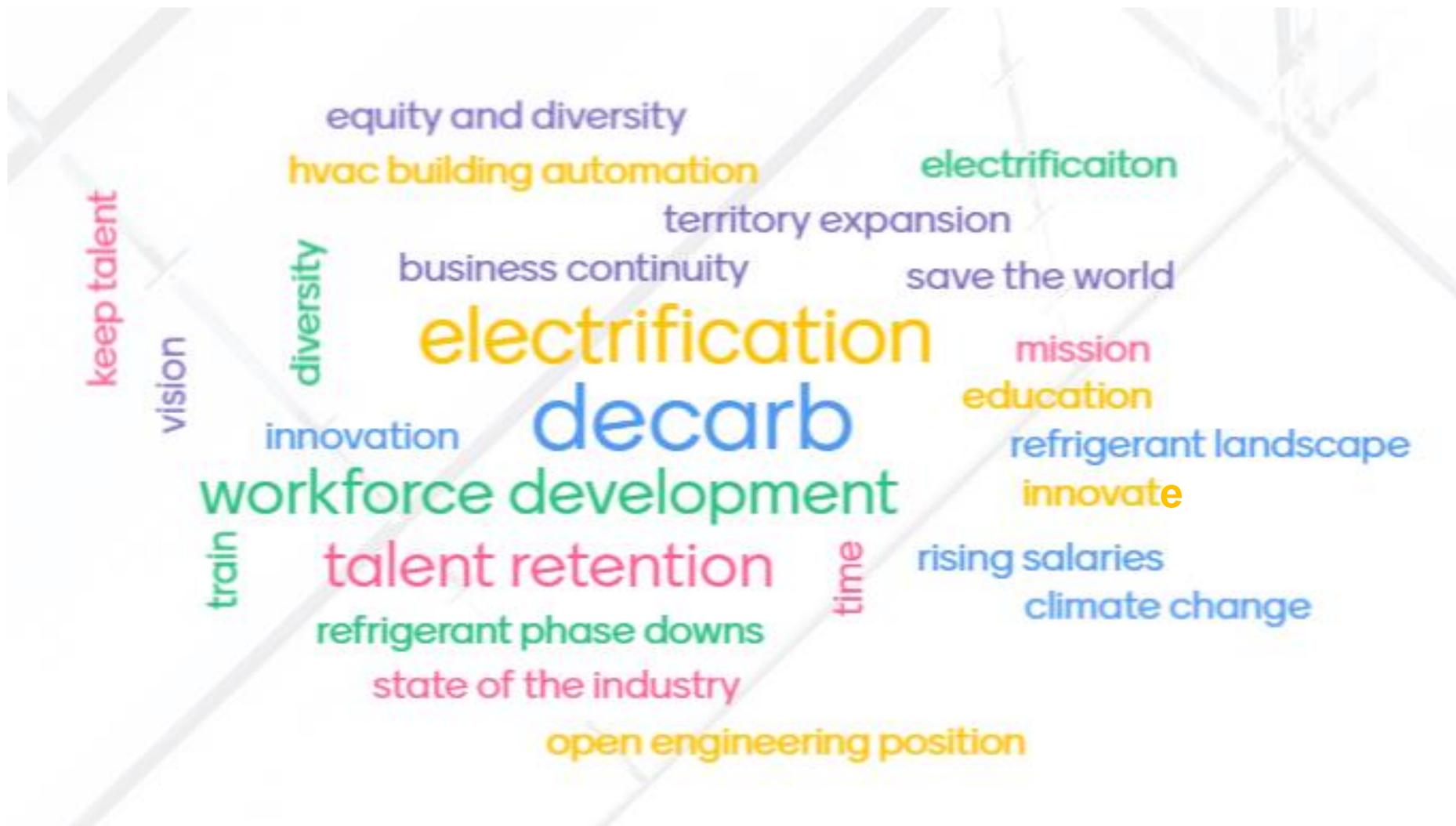


2022 ENGINEER SUMMIT

Your CE's Role Defines our World's Future

Feed the Roots

14 November 2022



Feed the Roots



Comprehend the industry's breadth

It's a two-way street

Be careful...sort of

Make a difference

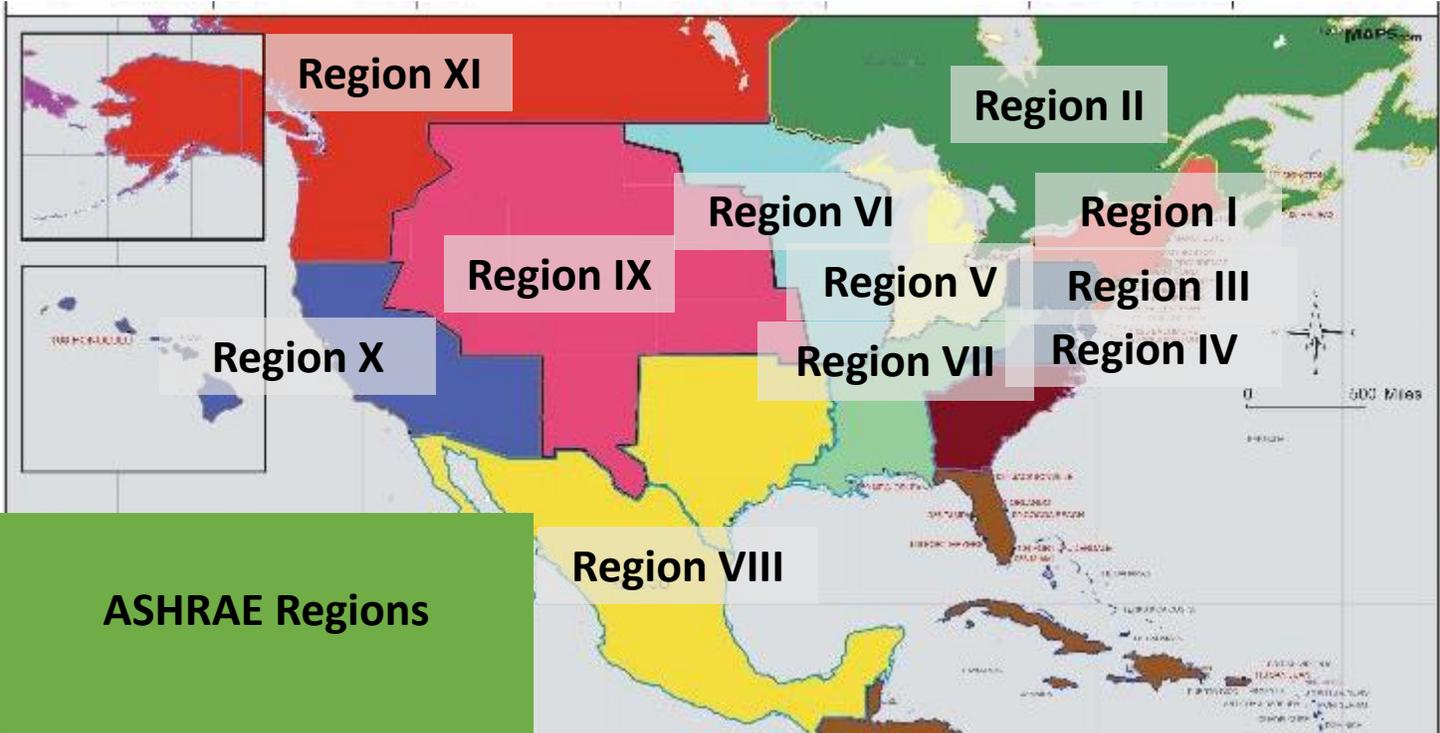
Help them stretch to grow

Treasure the people

They are more precious than gold

Comprehend the Industry's Breadth

Comprehend ASHRAE®'s Breadth

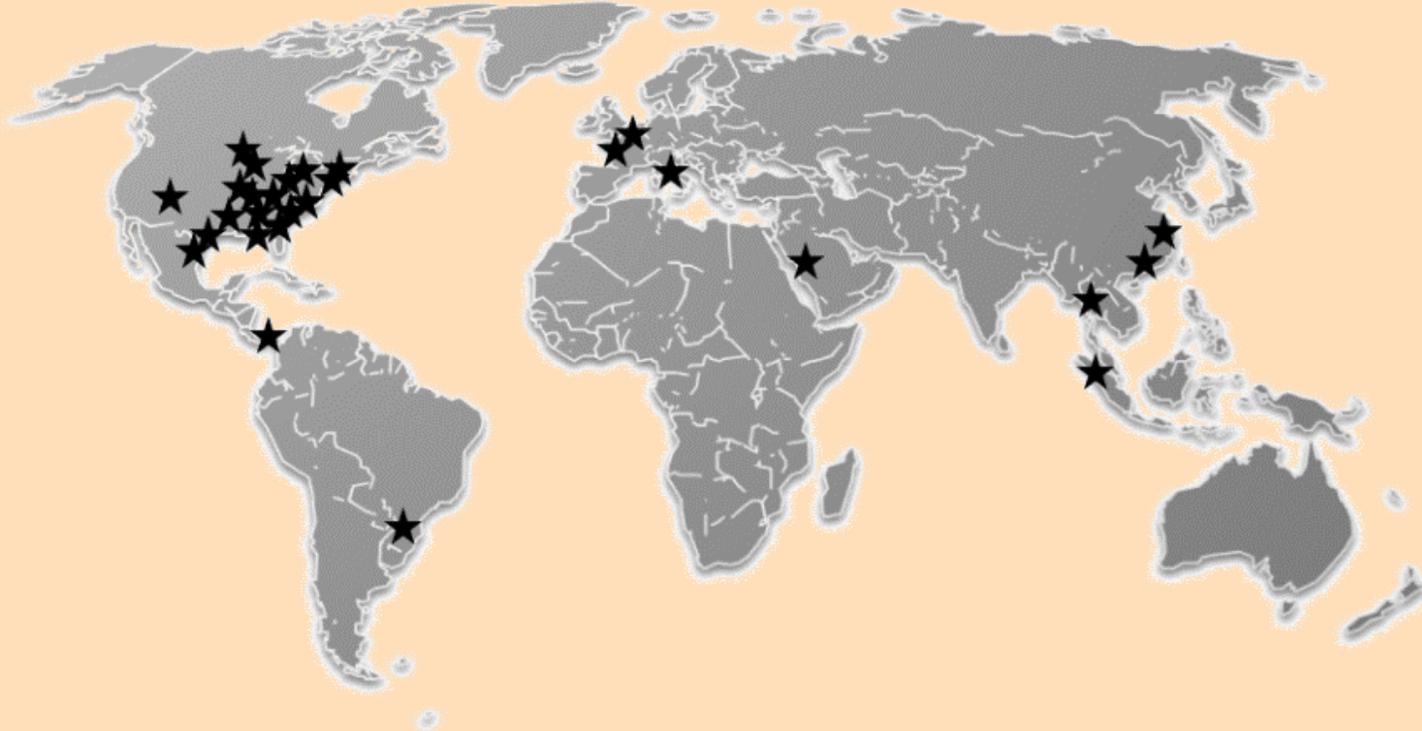


Comprehend Trane's Breadth



Manufacturing Facilities Worldwide

Our Team of 36,000 Employees



Trane Commercial Americas Manufacturing Locations

- Bridgeton, MO
- Clarksville, TN
- Columbia, SC
- Fair Lawn, NJ
- Grand Rapids, MI
- Memphis, TN
- Pueblo, CO
- St. Paul, MN
- Tyler, TX
- Waco, TX
- Marietta, OH
- Charlotte, NC
- Colon, Panama
- Curitiba, Brazil
- Fort Smith, AR
- La Crosse, WI
- Lynn Haven, FL
- Monterrey, MX
- Rushville, IN
- Trenton, NJ
- Vidalia, GA
- Brampton, ON
- Newberry, SC

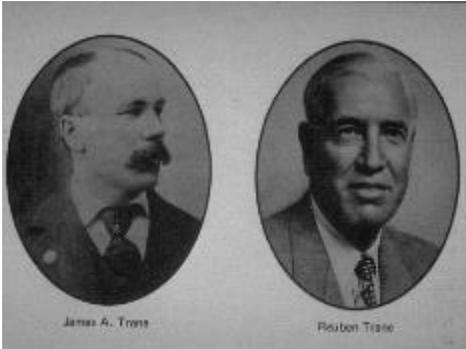
Asia Manufacturing Locations

- Taicang, China
- Zhongshan, China
- Bangkok, Thailand
- Penang, Malaysia

EMEIA Manufacturing Locations

- Bari, Italy
- Charmes, France
- Golbey, France
- King Abdullah Economic City, Saudi Arabia

Comprehend the Industry's Breadth – and History



James A. Trane

Reuben Trane



Stella Trane

Comprehend the Industry's Breadth



It's a two-way street

It's a two-way street

What do you want back?



- How does it benefit your company?
 - Internal training
 - Reports
 - Project-specific knowledge and skills
 - Loyalty
- What skills are imparted/refined?
 - Technical
 - Leadership
 - Organizational
 - Public speaking
 - Conflict resolution
 - Personal communication

Employer Benefits of Your Involvement



It's a two-way street – share with others



It's a two-way street – learn from the next generations



It's a two-way street Network Development

26



- Benefits to you
 - Access to global SMEs
 - Collaboration in other markets/locales
 - Receive value for the company
 - Where can you...?
- Benefits to professional
 - Knowledge
 - Growth
 - Personal connections / friendships
 - Provide value to customers and company
 - Global perspectives

Manager: “If I support them to go to (ASHRAE, IDEA, ASHE, IFMA, NSPE, etc.), they’ll get poached.”

Young professional. “I don’t need to go to ASHRAE to find a different job - today.”

Be careful...sort of

Be Careful...Sort of





Make a difference

Make a difference - locally



Make a difference – the next generations STEAM (A = Arts)



2022
ENGINEER
SUMMIT

Make a difference - collectively



United Nations Climate Change Conference of the Parties (COP26) Building Decarbonization



Download the full COP26 presentation
ashrae.org/decarb

Make a Difference



- Trane Technologies: We boldly challenge what's possible for a sustainable world
- Trane: Make Buildings Better
 - Reducing the Energy Intensity of the World™
- ASHRAE®
 - 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.*
- What's yours? How do CEs connect with it?

Do we walk the talk?

Make a Difference – What industry are you in?



- Sustainability and resilience
- Reduce energy intensity and environmental emissions
- Keep vaccines cold
- Reduce food spoilage
- Provide IEQ for students, staff and other building occupants

Help them stretch to grow
aka: beware the President

Help Them Stretch to Grow





90.1 2010: Thanks to...

- Mark Hydeman
- Steve Skalko
- Jerine Ahmed
- Susan Isenhour Anderson
- Wagdy Anis
- Pete Baselici
- Jeff Boldt
- Dave Branson
- Keith Emerson
- Drake Erbe
- Jim Garrigus
- Jason Glazer
- Pekka Hakkarainen
- Richard Heinisch
- Ned Heminger
- John Hogan
- Hy Kaplan
- Michael Lane
- Dick Lord
- Ron Majette
- Itzhak Maor
- Jim McClendon
- Michael Mehl
- Harry Misuriello
- Frank Morrison
- Tim Peglow
- Eric Richman
- Maria Spinu
- Christian Taber
- Mike Tillou
- Martha VanGeem
- Mike Waite
- Mack Wallace
- Richard Watson
- Jerry White
- Ron Burton
- Charles Cottrell
- Craig Drumheller
- Allan Fraser
- Ron Kurtz
- Steve Rosenstock
- Frank Stanonik
- Karim Amrane
- Ernie Conrad
- Chuck Foster
- Chad Groshart
- Merle McBride
- Ken Sagan
- Randy Blanchette
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- Dan Walker
- Jim Bowman
- Jim Calm
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- John Dunlap
- Krishnan Gowri
- Mark Halvorson
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- Scott Hintz
- Tianzhen Hong
- Ron Jarnagin
- Michael Jouaneh
- Larry Kouma
- Bing Liu
- Frank Myers
- Jeff Park
- Robert Ross
- Cedric Trueman
- Emily Young
- Randy Casteel
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- Paul Lindahl
- Ken Luther
- Rick Pavlak
- Leonard Saito
- John Watts
- Rita Harrold
- Doug Reindi
- John Montgomery
- David Schaaf
- Dennis Sczomak
- David Weitz
- Robin Wilson
- Ken Brendan
- Lawrence Brown
- John Lewis
- Bill Holy
- Frank Jakob
- Michael Woodford
- Tony Arbore
- Todd Brown
- Leo Smith
- Dennis Stanke
- Our employers
- Public
 - Commenters
 - NMHC
 - GANA
 - Presenters at meetings
 - CMP proposers
 - Interpretation requesters
 - PNNL Staff (analysis)
 - Brian Goulet
 - Dr. Weimin Wang
 - Dr. Yulong Xie
 - Dr. Heejin Cho
 - Dr. J. Lee
 - Yunzhi Huang
 - Rahul Athalye
 - Vrushali Mendon
 - All our families
- ASHRAE/IES
 - Cassandra Craig
 - Beverly Fulks
 - Steve Hammerling
 - Bruce Hunn
 - Susan LeBlanc
 - Jeff Littleton
 - Judy Marshall
 - Cindy Michaels
 - Angela McFarlin
 - Mark Owen
 - Elizabeth Parrish
 - Lilas Pratt
 - Claire Ramspeck
 - Stephanie Reiniche
 - Amelia Sanders
 - Emily Scott
 - Emily Sigman
 - Matt Walker
 - Mark Weber
 - Jan Young
 - SPLS
 - Carol Marlett
 - Standards Committee
 - Steve Bushby
 - Technology Council
 - Tom Watson
 - Boards of Directors
 - Kent Peterson
 - Bill Harrison
 - Gordon Holness
 - Lynn Bellenger

Steve Ferguson,
ASHRAE Staff Liaison aka "Radar"



Treasure the people

Treasure the people



Treasure the People ...be careful if they're students!



Treasure the people They are amazingly creative and gracious



Treasure the people

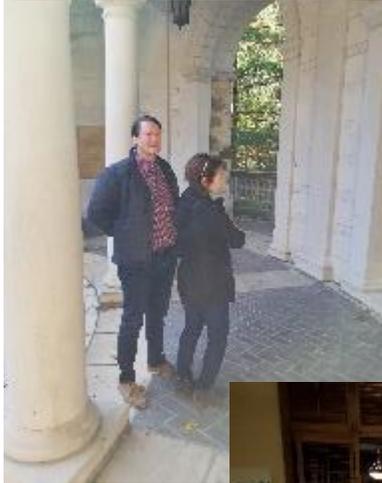


**They are more precious than
gold**

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**Heather, Ainsley, David and Cohen
Fall 2021**

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