



Empowering Our Workforce: Building a Sustainable Future

M. Dennis Knight, P.E., BEMP,
Fellow Life Member ASHRAE,
2024-25 ASHRAE President

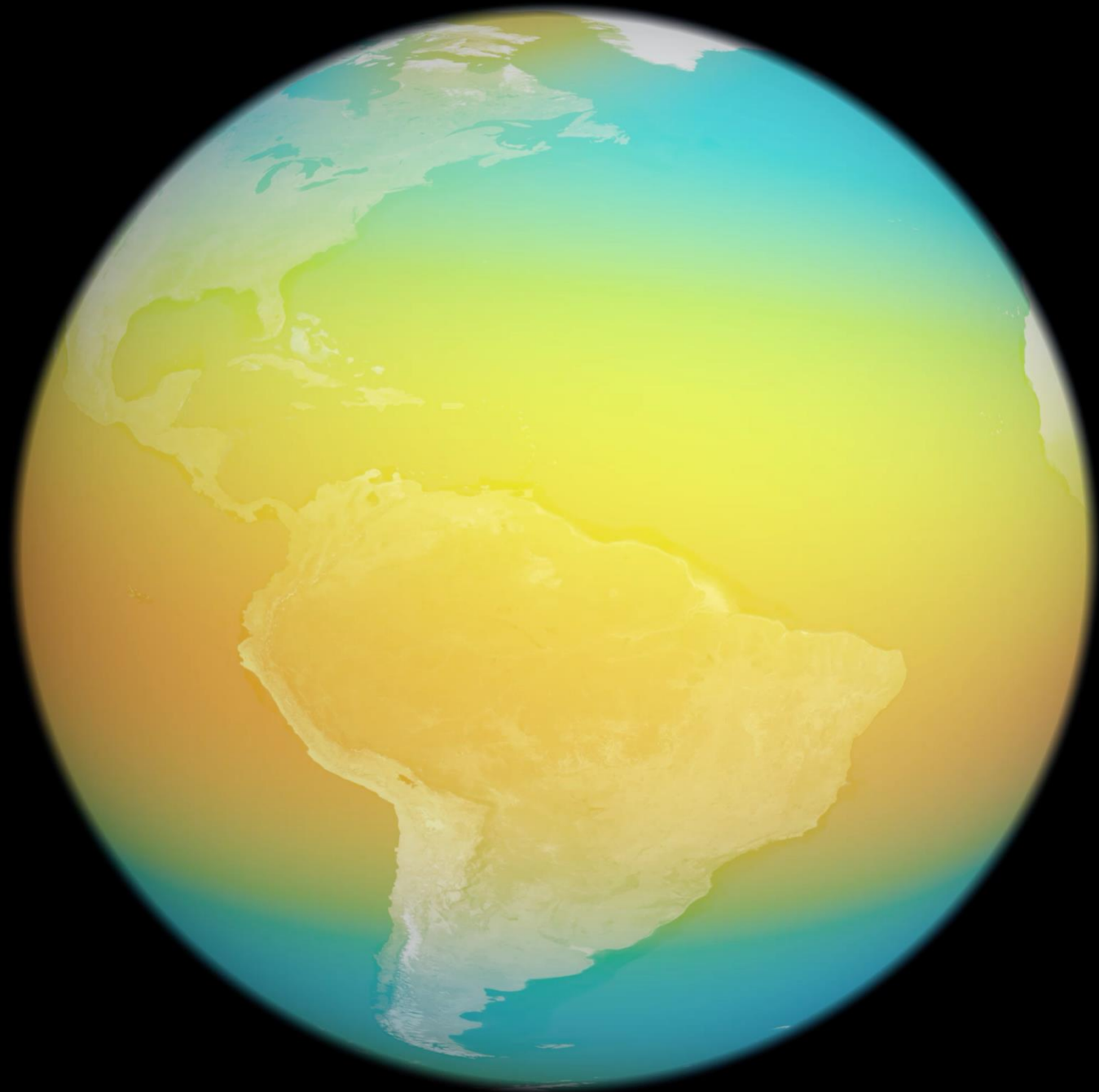


Celebrating 50 Years of Marriage!



**Ready
For
Work!**





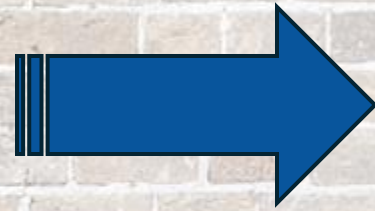
Solving the Workforce Development Problem

We need more people like you!



Industry Growth

Current Need
2 Billion
Systems



By 2050
6 Billion
Systems



**2.5 Trillion square feet of building space
over 20 years old**
is currently in need of renovation.



ASHRAE

ASHRAE

INVESTORS

FORUM INVESTOR

Barth Setty

INVESTORS

and
Institute

's Club

, Inc.

wards

DAVID
ASHRAE PRESIDENTIAL MEMBER

ADE



We Can Make a Difference Now!



415

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99	20 коп.
100	10 коп.

15000
14.400
12.900

СПИСОК

МОНЕТЫ И ПОДБИТКИ
№ 1 по 100

130





Planned Initiatives

1 Tools for Career Conversations

2 Member Resource Groups

3 Professional Development



Make a Difference
with a Career
in HVAC&R



Watch Dennis' video about his career



[Watch: Career Conversations Videos](#)



[Read: Career Stories from ASHRAE Members](#)

www.ashrae.org/president

Member Resource Groups

New Members Club



Young Professionals with Children





Industry Summit



Continue the Decarb Challenge



Host Industry Roundtables



An Evolving Workforce



Telling Our Stories



Using BIM In HVAC Design

By Dennis Knight, PE, Florida ASHRAE; Stephen Roth, PE, Florida ASHRAE; Steven J. Bauer, Florida ASHRAE

Using a building information model (BIM) for the design of a project helps engineers and designers make better decisions earlier in the process. A BIM's 3D graphics of buildings and systems are generated by data that are fed into design by the project team using their BIM software. BIM data is more complete and accurate than traditional 2D drawings. It allows for better coordination and collaboration between different disciplines. BIM also allows for better visualization of the project, which can help to identify potential issues before they occur. BIM is a powerful tool for building design and construction. It can help to improve the quality and efficiency of the design process. It can also help to reduce the risk of errors and rework. BIM is a key component of modern building design and construction. It is a tool that is essential for anyone involved in the design and construction of buildings.

About the Authors
Dennis Knight, PE, is a registered professional engineer in Florida. He has worked in the HVAC industry for over 20 years. Stephen Roth, PE, is a registered professional engineer in Florida. He has worked in the HVAC industry for over 15 years. Steven J. Bauer is a registered professional engineer in Florida. He has worked in the HVAC industry for over 10 years.

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Thank you!



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