



Newsletter

Promoting a Healthy and Sustainable Built Environment in Reykjavik

This month, learn about how Reykjavik, the capital of Iceland, is creating a healthy and sustainable built environment for all its residents!

[Read more on page 2](#)

ASHRAE Taiwan Chapter participated in the “Refrigeration & HVAC Taiwan (RHVAC Taiwan)” on October 23, 2024 – Taiwan Industry Week 2024

Read about Taiwan's leadership in energy-efficient climate control technologies. .

[Read more on page 4](#)

Establish a Scholarship Fund with the ASHRAE Foundation

ASHRAE presents a solution for easily managing scholarships for Regions and Chapters that create scholarships with the ASHRAE Foundation. Let professional fund managers handle your assets so Members can focus on distributing scholarships without stress!

[Read more on page 5](#)

Inside this issue

Decarbonization Challenge.....	2
Impact of Smoke on Indoor Air Quality.....	3
CEBD.....	3
ASHRAE Job Board	3
Chapter Leadership Academy.....	4
Nordic Chapter Inauguration.....	4
Future City STEM Competition	5
Upcoming Events	6
Next Chapter Meeting	6
About	6

ASHRAE Decarbonization Challenge 2024-2025

Dennis Knight has announced his presidential theme, workforce development and DEI. His plan includes continuing the Decarbonization Challenge Fund, a year-long competitive fund (\$1,000-\$10,000) program to implement decarbonization projects within local chapters that are tied to this year's presidential theme. This program is implemented through the YEA committee with grassroots outreach through the YEA chairs/committees at each chapter.

In order to apply for The Decarbonization Challenge Fund, the primary applicant must be a Full, Associate or Affiliate ASHRAE member. **This program is implemented through the YEA committee with grassroots outreach through the YEA chairs/committees at each chapter.** Click on the link below for more details or to submit an application.

<https://www.ashrae.org/about/yea-decarb-initiative>

See the CEBD website for more information on Building Decarbonization.

<https://www.ashrae.org/about/cebd-center-of-excellence-for-building-decarbonization>

Promoting a Healthy and Sustainable Built Environment in Reykjavik

Government Affairs Committee

Reykjavik, the capital of Iceland, is renowned for its commitment to sustainability and environmental stewardship. As the city continues to grow and evolve, the local government has been actively addressing the challenges and opportunities related to creating a healthy and sustainable built environment for all its residents. This article explores the key initiatives and policies that are shaping Reykjavik's urban landscape, ensuring it remains a model for sustainable development.

Government Initiatives and Policies

The Reykjavik City Council has been at the forefront of promoting sustainable urban development. One of the cornerstone policies is the Climate Action Plan for 2021-2025¹. This comprehensive plan outlines various strategies to reduce greenhouse gas emissions, enhance energy efficiency, and promote the use of renewable energy sources. The plan emphasizes the importance of integrating sustainability into all aspects of urban planning, from transportation and housing to public spaces and infrastructure.

Focus on Green Building Standards

A significant aspect of Reykjavik's approach to sustainability is the adoption of stringent green building standards. The city has implemented regulations that require new buildings to meet high energy efficiency criteria and utilize environmentally friendly materials. These standards are designed to minimize the environmental impact of construction activities and ensure that buildings contribute positively to the urban ecosystem.

One notable example is the Harpa Concert Hall and Conference Centre, which has been recognized for its innovative design and sustainable features. The building incorporates advanced energy management systems, extensive use of natural light, and materials



that reduce its carbon footprint. Such projects serve as benchmarks for future developments in the city.

Enhancing Public Transportation

Transportation is a critical component of a sustainable urban environment. Reykjavik has made significant investments in improving its public transportation system to reduce reliance on private vehicles and decrease carbon emissions. The city has expanded its network of buses and cycling paths, making it easier for residents to choose eco-friendly modes of transportation.

The introduction of electric buses and the development of a comprehensive cycling infrastructure are key elements of this strategy. By providing convenient and sustainable transportation options, Reykjavik aims to reduce traffic congestion, improve air quality, and promote a healthier lifestyle for its residents.

Community Engagement and Education

Creating a sustainable built environment requires the active participation of the community. The Reykjavik government has launched various initiatives to engage residents in sustainability efforts. Public awareness campaigns, workshops, and educational programs are designed to inform citizens about the benefits of sustainable living and encourage them to adopt eco-friendly practices.

Continued on page 3

Promoting a Healthy and Sustainable Built Environment in Reykjavik

One such initiative is the Green Reykjavik Campaign, which focuses on promoting recycling, reducing waste, and conserving energy. Through this campaign, the city has successfully mobilized residents to take part in environmental conservation efforts, fostering a sense of collective responsibility towards sustainability.

Challenges and Future Directions

Despite the progress made, Reykjavik faces several challenges in its quest for a sustainable built environment. The rapid pace of urbanization, coupled with the need to balance economic growth with environmental preservation, requires continuous innovation and adaptation of policies.

Looking ahead, the Reykjavik government is exploring new technologies and approaches to

further enhance sustainability. This includes the integration of smart city solutions, such as IoT-based energy management systems and data-driven urban planning tools. By leveraging these technologies, Reykjavik aims to optimize resource utilization, improve the quality of life for its residents, and set new standards for sustainable urban development.

In conclusion, Reykjavik's commitment to creating a healthy and sustainable built environment is evident in its comprehensive policies, innovative projects, and active community engagement. As the city continues to evolve, it serves as an inspiring example for other urban centers striving to achieve sustainability and resilience in the face of global environmental challenges.

¹: City of Reykjavik Climate Action Plan for 2021-2025

Exploring career opportunities with the ASHRAE job board

The ASHRAE Job Board is a premier platform for professionals in the fields of heating, ventilation, air conditioning, and refrigeration (HVAC&R). Whether you are an engineer seeking new opportunities or an employer looking for top talent, the ASHRAE Job Board offers a comprehensive and user-friendly experience.

For Job Seekers

Personalized Job Search: The ASHRAE Job Board allows engineers to create personal accounts to manage their job searches efficiently. Users can upload resumes, set up job alerts, and apply for positions directly through the platform.

Diverse Opportunities: The job board features a wide range of positions, from entry-level roles to senior management positions, across various specializations such as mechanical, electrical, and civil engineering. Recent listings include roles like HVAC Sales Engineer, Building Automation Systems Engineer, and Senior Commissioning Project Engineer.

Career Resources: Beyond job listings, the ASHRAE Job Board provides valuable resources to help job seekers enhance their careers. This includes resume writing tips, interview preparation guides, and access to career coaching services¹.

For Employers

Efficient Recruitment: Employers can set up corporate accounts to post job openings, review resumes, and manage their recruitment processes. The platform is designed to connect employers with highly qualified candidates in the HVAC&R industry¹.



Targeted Listings: By posting on the ASHRAE Job Board, employers can reach a niche audience of professionals who are specifically interested in HVAC&R careers. This targeted approach ensures that job postings attract the most relevant candidates¹.

Comprehensive Support: The job board offers various tools and services to assist employers in their recruitment efforts, including job posting packages and access to a database of resumes.

Visit: <https://jobs.ashrae.org/>

ASHRAE Releases New Guidance to Mitigate the Impact of Smoke on Indoor Air Quality

As wildfires and prescribed burns increasingly impact communities worldwide, ASHRAE has published a new resource aimed at safeguarding indoor air quality (IAQ) during these events.

ASHRAE Guideline 44-2024, Protecting Building Occupants From Smoke During Wildfire and Prescribed Burn Events, outlines best practices for building design, operation and maintenance to reduce the health risks associated with prolonged exposure to wildfire and prescribed burn smoke.

To purchase Guideline 44-2024 visit ashrae.org/bookstore.

CEBD - Center of Excellence for Building Decarbonization

Join Us on the Journey to Zero!

Building owners, government jurisdictions and industry professionals around the world are responding to accelerating climate change and recognizing that building decarbonization is a significant component to their efforts. The worldwide building sector accounts for about 40% of energy-related carbon emissions and the global building stock is predicted to double by the year 2060.

Are you interested in participating in projects on decarbonization? If so, please send an email to:

decarb@ashrae.org

Chapter Leadership Academy ASHRAE Headquarters

Atlanta, GA January 10-11, 2025

Chapter Leadership Academy is a crash course designed to simplify the learning curve of all things ASHRAE for chapter leaders. Over the course of a day and a half, attendees will gain a better understanding of how ASHRAE Society functions and obtain useful and practical knowledge essential for honing leadership skills. The program will also include sharing tips and best practices that attendees can confidently take back to their Chapters for implementation. Attendees help shape the discussion, too! A significant part of 3 the program will be based on hot topics and challenges that attendees have identified that they would like to see addressed. Topics covered include:

- Creating your elevator speech
- Navigating the ASHRAE organizational structure
- Understanding all the tools and resources available to help Chapters and their members succeed
- Managing effective meetings so that Board meetings and Chapter meetings can run as smoothly as possible
- Delegating to and motivating volunteers towards the ASHRAE mission

NEW! Thanks to generous support from the ASHRAE Foundation, each region can send up to 4 participants. Flight, hotel, food, and class materials are included. Other expenses incurred are at the expense of the region, chapter, or individual.

Notify your DRC or RMCR by October 11th if you are interested in participating.

ASHRAE Taiwan Chapter participated in the “Refrigeration & HVAC Taiwan (RHVAC Taiwan)” on October 23, 2024 – Taiwan Industry Week 2024



Refrigeration & HVAC Taiwan (RHVAC Taiwan) is showcasing Taiwan's leadership in energy-efficient climate control technologies. Exhibitors presented solutions covering advanced HVAC equipment, systems, and engineering. These solutions are pivotal for industries aiming to reduce energy consumption and meet modern sustainability goals. Taiwan's innovations in Refrigeration and HVAC are helping global industries address the growing demand for decarbonization technologies. ASHRAE Taiwan Chapter shared these topics at the Technical Forum “Net Zero and Smart Technology in RHVAC”:

- Achieving a Green Data Center- More than a Good Design is Needed (by ASHRAE DL-Jim Vallort)

- Critical Facilities New Construction and Existing Building Cx (by ASHRAE DL-Jim Vallort)
- ASHRAE Standard 189.1-2020 Chinese Version (by ASHRAE Life Member- Bill Wang)

The ASHRAE Bookstore showcased ASHRAE's valued publications: translations of Standards 90.1, 189.1 & 111, ASHRAE Journals, and historical Handbooks. During the event, the Taiwan Chapter also hosted the MP Night with participants from Regional Delegates. The Past President Club was founded to mentor and support the young generations on Chapter Operations. ASHRAE's strategic goals and objectives are fully implemented accordingly during this dynamic event.

NORDIC chapter inauguration

On the 18th of November, Dennis Knight, president of ASHRAE, and Maroo Eftekari, Director & Regional Chair Region XIV, attended the inauguration of the ASHRAE Nordic Chapter at NIRAS headquarters in Denmark.

The day's theme was Decarbonization, and began with a presentation from Dennis about how ASHRAE is in a strong position to become a leader in the decarbonization of buildings.

The day ended with a mingle and snacks where discussions continued about energy efficiency and decarbonization.



Samir Hernandez sworn in as the President of the Nordic Chapter by Dennis Knight.

Establish a Scholarship Fund with the ASHRAE Foundation



Foundation

ASHRAE presents a solution for easily managing scholarships for Regions and Chapters that create endowed scholarships with the ASHRAE Foundation. Let professional fund managers handle your assets so Members can focus on distributing scholarships without stress.

Regional and Chapter Scholarships: The Benefits of Working with the ASHRAE Foundation

Establishing a scholarship fund with the Foundation will help streamline the investment process, reduce administrative burdens, and ensure long-term growth and stability of your scholarship assets with professional fund management services—at no cost to your region or chapter. Additionally, the Foundation maintains a 5% annual spending policy, ensuring the scholarship is available to be awarded every year, and

provides annual reports for your assets. The region or chapter retains complete control over the submission of applications, review of scholarship applicants, and final selection of the recipient.

Establishing a Scholarship Fund is Simple

Minimum Requirement: An initial investment of \$30,000 establishes your Region or Chapter Awarded Scholarship.

Irrevocable Gift: This contribution is deposited into an endowed fund specifically for your region or chapter.

Annual Payout: With the Foundation's 5% spending policy, a \$30,000 investment yields an annual \$1,500 scholarship, which the Foundation awards to the recipient selected by your region or chapter.

Currently, 4 ASHRAE Regions and 39 ASHRAE chapters have already partnered with the Foundation to establish scholarship funds. If your region or chapter is interested in learning more, contact Margaret Smith at msmith@ashrae.org. Let the ASHRAE Foundation help your region or chapter support future leaders while providing security, continuity, and transparency for your scholarship fund.

Judges needed for Future City STEM Competition!

Middle school participants around the globe are engineering amazing and innovative future cities that prioritize the health and safety of both citizens and the environment; and we need your help! Getting involved is as easy as:

1) Signing up as a virtual essay judge. Volunteers are needed to assess teams' 1,500-word essays for both regional and finals competitions. Time commitment: 4 to 6 hours in early January.

2) Volunteering as an in-person judge. You and your judging panel listen to teams city presentations and participate in a Q&A session. We need judges at 40 regional competitions in January and at the Finals competition in Washington, D.C., in February. Time commitment: 8 hours in January and/or February.

[Register today](#) for this meaningful and fun engineering experience for both you and the students!

Marketing Items for 2025 ASHRAE Winter Conference

The 2025 ASHRAE Winter Conference takes place Feb. 8-12 in Orlando. This conference offers an unparalleled technical program addressing HVAC&R industry issues with carefully selected panels, debates, workshops, forums, seminars, and paper sessions from over 300 leading experts.

Registration is open! Marketing items are available to help you spread the word to your chapter members. Find what you need [here](#).



About

ASHRAE Nordic Chapter is a local branch of ASHRAE, a global society founded in 1894. ASHRAE's mission is to advance human well-being through sustainable technology for the built environment. With more than 50,000 members from over 132 nations, ASHRAE is an engineering organization dedicated to advancing the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world. The organization contributes to shaping tomorrow's built environment through research, standards writing, publishing, certification, and continuing education. The geographic area covered by ASHRAE Nordic Chapter is Denmark (Faroe Islands and Greenland), Iceland, Norway, Finland (Åland), and Sweden.

AGENDA RELEASE - 2025 ASHRAE Winter Conference Student Program



A special program for students will take place at the 2025 Winter Conference. Events and activities include an awards ceremony, mixer, technical talks, student round table and a tour. Students are also encouraged to attend recommended technical sessions throughout the conference.

Register: Registration | [2025 ASHRAE Winter Conference](#)

For more information visit: [Tours | 2025 ASHRAE Winter Conference](#)

Upcoming events

Date	Type of event	Location	Event
Feb. 25	Physical	Sweden	Field Trip
Mar 25	Physical	Denmark	Field Trip
June 25	Virtual		University Research
January	Virtual		Technical Talks: General Topics- "Empowering Our Workforce: Building A Sustainable Future", by YEA

Next Chapter Meetings

December 28, 2024—Virtual

February 2025—Presential (Sweden)

April 2025 — Virtual

May 2025 — Presential (Norway) Annual Chapter Meeting

Visit:
www.linkedin.com/company/ashrae-nordic
www.ashrae-nordic.org

