



Newsletter

Promoting a Healthy and Sustainable Built Environment in Oslo

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

[Read more on page 2](#)

Technical Talks: Field Trips & Member's Night Out

Meet other Ashrae-Nordic members in Stockholm for a field trip to KTH refrigeration lab and an after work.

[Read more on page 4](#)

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
Upcoming Events	5
Next Chapter Meeting	5
About	5

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 Oslo

Government Affairs Committee

Oslo, the capital city of Norway, has long been at the forefront of sustainable urban development. The city's commitment to creating a healthy and sustainable built environment for all its residents is evident in its ambitious legislative initiatives and strategic plans. One of the most significant legislative issues currently being addressed in Oslo is the revision of the municipal master plan to align with the city's climate strategy and sustainability goals.



Legislative Framework and Climate Strategy

In 2020, the Oslo City Council adopted a comprehensive climate strategy aimed at reducing greenhouse gas emissions by 95% by 2030¹. This strategy is not just a standalone document but is integrated into the city's broader legislative framework, influencing various aspects of urban planning and development. The revision of the municipal master plan is a critical component of this strategy, focusing on sustainable land use, green infrastructure, and climate resilience.

Key Legislative Initiatives

1) Sustainable Land Use: One of the primary goals of the revised master plan is to promote sustainable land use practices. This includes prioritizing urban development along existing public transportation networks, thereby reducing the need for car travel and minimizing urban sprawl¹. The plan also emphasizes the importance of preserving green spaces and natural habitats within the city, which are crucial for maintaining biodiversity and providing recreational areas for residents.

2) Green Infrastructure: The city is investing heavily in green infrastructure projects that enhance the urban environment while also addressing climate change. These projects include the creation of green roofs, urban gardens, and the expansion of parks and

green corridors². Such initiatives not only improve air quality and reduce urban heat islands but also promote physical and mental well-being among residents.

3) Energy Efficiency and Renewable Energy: Oslo's legislative framework encourages the adoption of energy-efficient building practices and the use of renewable energy sources. The city provides incentives for retrofitting existing buildings to improve their energy performance and mandates strict energy efficiency standards for new constructions³. Additionally, there is a strong focus on increasing the use of solar panels and other renewable energy technologies in both residential and commercial buildings.

4) Climate Resilience: To ensure that Oslo can withstand the impacts of climate change, the revised master plan includes measures to enhance the city's climate resilience. This involves improving the management of stormwater through the use of permeable surfaces and green infrastructure, as well as implementing flood protection measures in vulnerable areas¹. The plan also promotes the use of sustainable building materials and construction practices that reduce the environmental footprint of new developments.

Community Engagement and Collaboration

A key aspect of Oslo's approach to creating a healthy and sustainable built environment is the emphasis on community engagement and collaboration. The city actively involves residents, businesses, and other stakeholders in the planning process, ensuring that the needs

Continued on page 3...

Promoting a Healthy and Sustainable Built Environment in Oslo

and preferences of the community are taken into account³. Public consultations, workshops, and online platforms are used to gather input and foster a sense of ownership among residents.

Moreover, Oslo collaborates with various national and international organizations to share best practices and learn from other cities' experiences. This collaborative approach helps the city stay at the cutting edge of sustainable urban development and ensures that its legislative initiatives are informed by the latest research and innovations.

Conclusion

Oslo's legislative efforts to promote a healthy and sustainable built environment are a testament to the city's commitment to sustainability and climate action. By integrating sustainability

into its legislative framework and actively involving the community in the planning process, Oslo is setting a strong example for other cities to follow. The ongoing revision of the municipal master plan, with its focus on sustainable land use, green infrastructure, energy efficiency, and climate resilience, will play a crucial role in shaping a greener and healthier future for all residents.

1: The City of Oslo's follow-up of the climate strategy

2: Green Infrastructure: A Nature and Health Perspective for the Municipality of Oslo.

3: Sustainability Report for the City of Oslo

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.

Technical Talks: Field Trips & Member's Night Out

The ASHRAE Nordic Chapter is thrilled to announce an exciting two-part event that promises to blend the pursuit of technical excellence with an opportunity for social interaction among members. This event is meticulously curated to offer both professional enrichment and networking opportunities in the beautiful city of Stockholm. Our journey begins with a highly informative technical field trip to a state-of-the-art refrigeration laboratory at the

prestigious KTH Royal Institute of Technology, followed by a relaxed and enjoyable Member's Night Out at one of Stockholm's charming pub.

Sign up on Linked-In at:

<https://www.linkedin.com/events/technicaltalks-fieldtrips-membe7288895721175470080/>



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. 17	Physical and social event	Stockholm, Sweden	Technical Talks: Field Trip and Member's night out (PUB)
Feb 22	Virtual		Technical Talks: General Topics.
March	Social event	Copenhagen, Denmark	PUB
April	Social Event	Oslo, Norway	PUB

Next Chapter Meetings

30 January, 17:00 CET Virtual

20 February, 17:00 CET Virtual

6 March, 17:00 CET Virtual

3 April 17:00 CET Virtual

8 May, 17:00 CET Virtual

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

