



**BELLEVUE/KING COUNTY STUDY TOUR TO DENMARK**  
**SUSTAINABLE CITIES FOR THE FUTURE WE WANT**  
**OCTOBER 16 to 21, 2022**

Grab the page for the day and go!

**Sun. Oct. 16 – Copenhagen**

**Arrive airport, check into hotel, 71 Nyhavn Hotel.**

King Christian IV founded the area Nyhavn to control the flourishing trade in the 1600s. The harbor was completed in 1673. The warehouse was built in 1805 and became a hotel in 1971. It's a great example of urban reuse.

*Directions: With a station right at the CPH airport, it's easy to catch the Metro. Buy a 3-zone ticket to center city at the self-serve DSB vending machines in the main terminal. Then take the elevator up to the Metro station, where you will catch the M2 toward Vanløse Station. Trains depart every 3 minutes, so no need to run! Go eight stops (13 min.) to Kongens Nytorv Station. Once you're at Kongens Nytorv go up the two banks of escalators and keep walking in that direction until you see the Gade Street / Strøget exit. Take the stairs (or the elevator) up to street level, and with the Rolex sign to your back walk around the square toward the building with the Huawei sign. Nyhavn, a very busy pedestrian filled street, will then be to your right. From Kongens Nytorv, it is a 9-minute walk (1/2 mile) to Hotel 71 Nyhavn.*

**5:00 pm – Introductory meeting in the hotel lobby.**

**6:25 pm – Leave the hotel for a hosted dinner at Restaurant Hummer, a 1-minute walk (6:30 pm reservation)**

*Address: Nyhavn 63A*

## **Mon. Oct. 17 – Copenhagen**

### **9:00 am – Leave the lobby to take the Metro to Ramboll’s headquarters in Ørestad**

Bring your poncho and bike seat cover just in case it rains during our bike ride!

*Address: Hannemanns Allé 53, 2300 København S*

*Directions: Walk to the Kongens Nytorv station, take the M1 Metro toward Vestamager St. for six stops and get off at the Ørestad station. Walk to Ramboll at Hannemanns Allé 53, 2300 København S.*

### **9:45 am to 11:15 am – Morning Presentations at Ramboll on Creating Mobility Options**

Providing people with the options to safely walk, bike or use public transportation is paramount for creating a city that is not only green and sustainable, but is also livable and people friendly. With its vast network of bike lines and a robust public commitment to making cycling a viable transportation alternative, the Danish capital is a model of how to free a city from domination by cars. Long a leader in this endeavor, Copenhagen continues to build on its success: fully 62% of commutes are by bike, up from 36% percent just seven years ago.

We will also learn about supercycle highways and how a patchwork of municipalities have forged a partnership to facilitate the inter-municipal cycle superhighway network. A network of nine cycle routes already links 19 municipalities. The vision is to expand that network to link all of the region’s municipalities through 45 routes, totaling more than 450 miles of supercycle highway track.

### **11:30 am – Leave to go to BLOXHUB**

*Address: Bryghusgade 8, 3, 1473 København*

*Directions: Go to the Ørestad Station and take the M1 Vanløse Metro five stops to Christianshavn St. Then walk 15 to 20 minutes, taking the pedestrian bridge across the main canal, to BLOXHUB.*

### **12:15 pm to 2:15 pm - Presentation and lunch catered by Lillians Smørrebrød at BLOXHUB, the Nordic Hub for Sustainable Urbanization.**

BLOXHUB, the Nordic Hub for Sustainable Urbanization, is a Nordic launchpad for urban solutions and a gateway to Nordic partners and markets for international companies. It is a global community for connecting, sharing and scaling businesses that help to shape a better future. BLOXHUB’s member base consists of approx. 350 companies, science institutions, organizations, and public bodies – all working with architecture, design, construction, tech or other fields related to sustainable urbanization.

### **2:30 pm to 5:30 pm – Bikes will be waiting for us at the square outside of BLOXHUB for a bike tour of Copenhagen.**

Bikes and helmets provided. We’ll end our bike tour at our hotel, 71 Nyhavn.

Dinner on your own. You might want to check out one of these restaurants.

<https://www.bonappetit.com/story/copenhagen-restaurant-travel-guide>

## **Tues. Oct. 18 – Copenhagen**

### **9:00 am - Leave hotel**

*Address: Meet our guide at the top of the stairs at the exit from the Vibenshus Runddel metro station.*

*Directions: Walk to Kongens Nytorv station, take the M3 metro via Østerport and go five stops to Vibenshus Runddel St.*

### **9:30 am to 6:00 pm - Presentations and walking tours on how existing neighborhoods can be modified to be more climate resilient and how new neighborhoods can be developed more sustainably.**

#### **Existing Neighborhood, Østerbro**

- A. Copenhagen has learned that large-scale grey infrastructure renovations are not always the best response to climate change. Instead, faced with increasing rates of flooding, the Danish capital created the world's first climate-resilient district, Østerbro Climate Quarter, by implementing green infrastructure. This concept is less expensive to implement and maintain than expanding sewers, and it reduces the financial impact of extreme weather events. More than 10,000 people have taken part in the project's 170 citizen-led initiatives to create green surfaces, usable urban spaces, and a climate-prepared neighborhood.
  
- B. Engaging the public at Tåsinge Plads. Originally a paved area, Taasinge Square has been re-imagined as a wildlife oasis and children's play area that manages large amounts of rainwater from streets and rooftops. Through social gatherings hosted by the city, citizens were asked to contribute their ideas on how to make their neighborhood more livable and climate resilient.

<https://stateofgreen.com/en/news/climate-change-adaptation-in-copenhagen>

For more information, click here: <https://use.metropolis.org/case-studies/copenhagen-climate-resilient-neighborhood-strategy#casestudydetail>

### **11:30 am – Take the Metro to COBE offices in Nordhavn.**

*Address: Orientkaj 4, 2150 København*

*Directions: Return to the Vibenshus Runddel Station and take the M3 Metro via Østerport for three stops, getting off at the Østerport Station. Transfer to the M4 Orientkaj Metro for two stops to the Orientkaj Station. COBE offices are on the water, just around the corner from the station.*

#### **New Neighborhood, Nordhavn**

### **12:00 pm to 1:30 pm – Lunch presentations at COBE on Nordhavn**

Nordhavn is a new carbon neutral district, where we will learn about the results of the EnergyLab Nordhavn project. The district, which is 250 acres, is being designed as a “5-minute city,” making it possible to reach all amenities within a 5-minute walk.

## **Continued: Tues. Oct. 18 – Copenhagen**

### **2:00 pm to 3:45 pm – Walking tour of Nordhavn**

The transformation of this formerly industrial area started ten years ago and won't be complete until 2050, when it will have housing for 40,000 residents and workspace for another 40,000. It currently provides housing for almost 5,000 residents and office workers.

### **4:00pm – Leave from Orientkaj water taxi stop to go to 3XN offices (allow about 45 minutes)**

*Address: Kanonbådsskurene, Kanonbådsvej 8, 1437 København*

*Directions: Take the water taxi, which leaves from Orientkaj every 30 mins. (at 4 pm and 4:30 pm). Get off at Operan (the Opera Hall) after 35 mins and walk 10 mins to 3XN.*

The water taxis were converted to a greener and quieter all-electric fleet starting in 2018. This zero emissions solution is also much more maintenance-friendly than a diesel option. The boats, which each have a capacity for 50 passengers, can auto-dock – bow first – at the existing jetties and fast recharge in only seven minutes at the end of each one-hour long journey.

### **5:00pm to 6:00 pm – Happy Hour at 3XN**

3XN is one of Denmark's most renowned architecture firms, and is designing Odense's Cobot Hub, currently under construction. Cobot Hub will consist of modular laboratories and offices in which robot developers will share space. It is expected to become the world's largest hub for developing cobots – a type of robot designed to collaborate and share spaces with humans.

### **6:00 to 7:00 pm – Leave on your own to return to the hotel (allow 20 to 30 minutes).**

*Directions: Walk back to the Operan water taxi stop and catch the 991 Teglholmen or 993 Nyhavn boat to Nyhavn. Boats depart every 10 mins, at 6:15 pm, 6:25 pm and 6:35 pm. It's a quick 5-minute boat trip back to Nyhavn and our hotel. You can use your same ticket as the metro.*

### **7:30 pm – Leave hotel for hosted dinner and fun at Tivoli Gardens.**

It's a pleasant 30-minute walk to Tivoli Gardens from our hotel. I-SUSTAIN will pay the entrance fee and host a casual dinner at Biergarten. Rides are on your own.

### **8:00 pm – Hosted Dinner at Biergarten**

Remember, tomorrow night we will be in Odense, so pack your bags. Please pack a small overnight bag and store your other belongings at the hotel. We'll be returning on the train, so this will make things easier. We'll be back at the same hotel, but not necessarily in the same room, on Oct. 20.

## **Wed. Oct. 19 – Copenhagen/Odense**

### **10:00 am – Leave hotel on our private bus to go to the Copenhill waste to energy plant**

*Address: Amager Bakke, Vindmøllevej 6, 2300 København, Denmark*

*Directions: Our bus will take us to Copenhill. Meet our guide at 10:30 am in front of the ski center at Copenhill*

Remember to check out of your room beforehand and store any bags you don't want to take with you for the overnight in Odense. We will get our private bus in front of the hotel on Kvæsthusgade.

### **10:30 am to 11:30 pm – Guided tour of Copenhill (unfortunately, does not include power plant)**

Amager Bakke (Amager Hill), also known Copenhill, is a combined heat and power, waste-to-energy plant and recreational facility within view of the city's downtown and our hotel. The facility opened in 2017, and was designed to play a major role in Copenhagen's ambitions of meeting zero carbon requirements by 2025. This is the world's most advanced waste plant, comfortably out-performing the EU's standards for best practice.

Although we won't be touring the waste management and energy production aspects of the plant, the building itself demonstrates how a public, industrial facility can be sited close to an urban center, while also providing important public amenities. The recreational components of the facility (the dry ski run, hiking trail and climbing wall) opened in December 2018, with an attendance estimated at 40 to 60 thousand visitors annually. Copenhill was named the World Building of the Year 2021 at the fourteenth annual World Architecture Festival.

Designing an attractive power plant, one that people want to visit, isn't just about aesthetics – it's also about transparency. There is a long waiting list to visit the processing plant, and every child in Copenhagen is likely to take a school trip there at some point, to see for themselves what happens to their waste.

### **11:30 am to 2:30 pm – Take private bus to Ejby Molle, in Odense. Boxed lunches on the bus.**

*Address: Ejby Møllevej 22, 5000 Odense C*

### **2:30 pm to 5:00 pm – A look at two different ways of managing wastewater more sustainably**

The Director of Billund Water and Energy, which owns the Billund Biorefinery, will be joining the Director of VCS Denmark to describe their different plants, approaches and outcomes. We will then tour Ejby Mølle, VCS Denmark's plant in Odense, which now produces more energy than it consumes. In 2018, the facility reached energy self-sufficiency of 180% – and they continue to push the limits for what is currently considered possible.

### **5:00 pm – Leave to take the bus back to the Hotel Odeon**

*Address: Odeons Kvarter 11, 5000 Odense*

### **Evening – Dinner on your own**

There are a number of nice restaurants within easy walking distance of our hotel.

## **Thur. Oct. 20 – Odense/Copenhagen**

### **9:00 am – Leave the hotel lobby**

Be sure to check out of your room and bring your bags to load onto the bus.

*Address: M. P. Allerups Vej 57, Odense*

*Directions: Take the bus, which will be waiting in front, to our meeting at the district energy plant*

### **9:30 am to 11:00 am – Presentations on District Heating/Cooling/META's contribution to the system and plant tour for 25 people**

META's data center was located and designed with heat recovery in mind from the outset. Fjernvarme Fyn, the local district energy utility, recovers the low temperature heat generated by the thousands of servers and delivers this heat for free to the community. The goal is to recover and donate 100,000 MWh of energy annually from the servers — enough to warm 6,900 homes.

### **Approx. 11:15 am – Leave district energy plant to return to Copenhagen**

*Directions: Take our bus back to Copenhagen, arriving at our hotel at about 2:00 pm*

### **Approx. 2:00 pm – Arrive 71 Nyhavn**

### **Afternoon – Photo Project**

As you have probably figured out, Copenhagen is full of relevancy for our region. Explore the city on your own and take three photos of interesting details you would like to see incorporated into your project, city and/or work. Then post these to our Google Photo album, on the Bellevue/King County trip page at [i-sustain.com](http://i-sustain.com) by selecting Add Photos. (Detailed directions for posting photos are in the WhatsApp thread). For each photo you post click on Comment and add a short description, that we can all refer to in the future when creating a slide deck.

### **7:45 pm – Leave hotel to walk to hosted Farewell Dinner at Restaurant Tight (8:15 pm reservation)**

Address: Hyskenstræde 10, 1207 København

## **Fri. Oct. 21 – Copenhagen**

### **8:45 am – Leave lobby for leisurely walk to State of Green**

*Address: Vesterbrogade 1, 1620 København*

### **9:30 am to 10:00 am – Presentation by State of Green**

State of Green is a not-for-profit, public-private partnership that seeks to foster relations with international stakeholders and strengthen awareness of the solutions and competences of Danish business and industry within energy, water, climate adaptation and environment. This presentation will provide an introduction on how Danish companies and solutions are allowing the nation to decarbonize the energy sector while achieving economic growth.

**10:00 am to 11:30 pm – Mayor Robinson and I-SUSTAIN will facilitate a meeting** on what we learned in Denmark that is interesting for Bellevue. Attendance is required for scholarship recipients, but our hope is that everyone will participate.

I-SUSTAIN Program is over.

**1:30 pm - Optional tour of Copenhagen's Lynetten wastewater plant arranged by Kamuron Gurol.**