

“Exploring Renewable Energy Adoption and Grid Flexibility in the Cold Climates of Denmark and Norway”

Location: Oslo, Norway – Copenhagen, Denmark

Timing: June 17-21 2024



Dear all delegates,

Welcome to the ADB and CAREC Energy Mission to Oslo and Copenhagen.

In this information leaflet, you will find the program, information concerning arrival in Oslo, and some more practical information.

We hope you will have a nice trip!

Martin Sommerseth Jaer, ADB

Main Contacts:

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Daily Mission allowance: Please meet Joy in the hotel on Sunday after arrival to collect your allowance.

Meals: Breakfast is included at both hotels. ADB will provide lunch for all days during the week, and dinner on Monday, Wednesday (light dinner) and Thursday. Please inform us if you have special dietary requirements.

Dress code: Semi casual business attire. Wear comfortable shoes.

Temperature: It is summer in Norway and Denmark, but it may rain and be a bit chilly (temperatures down to 15 degrees).

Transport: ADB will provide bus services between all meetings.

On the day of arrival in Oslo, and the day of departure from Copenhagen, you will arrange transport to the airport independently.

Translation: We will provide simultaneous translation to Russian. Equipment will be provided upon request.

Hotels: All hotels have been paid for in advance. Please give the reception your name, and they will check you in. Minibar or other consumables at the hotels will be at your own expense!

Instructions for arrival in Oslo

Transport from Oslo Airport to Oslo Central Station

Take the Airport Express (Flytoget) to Oslo Central Station (Oslo S).

You will find the train station on your right-hand side when you exit into the arrival hall at the airport.

Price per ticket: NOK 240
(credit card or cash)

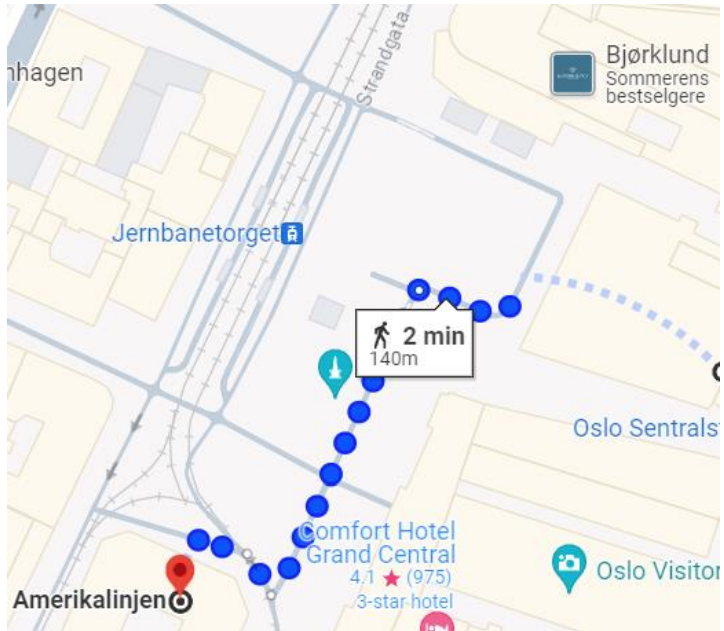
Trains depart every 10/20 minutes.



Walk from Oslo Central Station to Amerikalinjen Hotel.

Name of hotel; Amerikalinjen
Address: Jernbanetorget 2, 0154
Oslo. Tel: +47 21 40 59 00

When exiting the train station, turn to the left. You will find the hotel approximately 100m away, across the square.



Copenhagen Hotel:

Hotel Babette Guldsmeden

Address: Bredgade 78, 1260 København, Danmark

Monday June 17 – Oslo – Hotel Amerikalinjen

- 08:15 *Meet in the hotel lobby. Walk from hotel to conference room at the Norwegian Institute of Public Affairs (NUPI). C.J. Hambros plass 2D. 1km.*
- 08:50-09:00 Welcome remarks by Joonho Hwang and Martin Sommereth Jaer, ADB
- 09:00-09:40 **The Norwegian Ministry of Energy**
- “An overview of the energy sector in Norway”*
Presentation by Øivind Johansen, Deputy Director
- 09:40-10:20 **NVE, The Norwegian Water Resources and Energy Directorate** *(Norway’s energy regulator)*
- “The role of hydropower in the energy transition”*
Michael Steinfeld, Head of International Department
- “The license application process in NVE”*
Finn Roar Halvorsrud, Senior ingeneer
- 10:20-10:35 15 min break with coffee
- 10:35-12:00 **Statnett, The Transmission and System Operator in Norway**
- “From Norwegian to Nordic to European power market”*
Vivi Mathiesen, VP Regulatory and international affairs
- “Operating a renewable power system and the European Green Transition”*
Kristin Lucie Munthe, SVP Regulatory and International affairs
- 12:00-12:10 10 min break
- 12:10-13:00 **NUPI, Norwegian Institute of Public Affairs**
- “Directions for future research on energy and climate issues in Central Asia”*
Indra Øverland, research professor at NUPI
- “Central Asia’s Role in the Global Supply of Critical Materials for the Energy Transition”*
Roman Vaulchuk, Head of Centre for Energy Research
- 13:10-14:30 Lunch at The Grand Café (450m walk from NUPI, 350m walk to Norfund)
- 14:40-15:20 **Norfund, The Norwegian Investment Fund for Developing Countries**
- Presentation by Bjørnar Baugerud, SVP, Norfund
- 15:20-16:00 **NORAD, Norwegian Agency for Development Cooperation**
- Halvor Heggenes, Senior Adviser
- 16:00 Walk back to hotel (1km) / independent exploration in Oslo until dinner.
- 18:30 Meet at the hotel Lobby for joint dinner. Dinner venue: *Code Restaurant Oslo*
Address: Dronning Eufemias gate 18 (700 meter walk)

Tuesday June 18 – Oslo – Hotel Amerikalinjen

- 08:30 *Meet in the hotel lobby. Drive to Forskningsparken, approximately 20 min*
- 09:00-10:10 **SINTEF – One of Europe’s largest independent research institutes**

“Towards a more collaborative energy system for addressing the energy transition challenges”
 Michael Martin Belsnes, Research Scientist
- 10:10-10:20 *10 minute break*
- 10:20-11:30 **NTNU, Norwegian University of Science and Technology**

“Flexible electricity markets”
 Sten Erik Fleten, Professor
- 11::30 *Drive to Lysaker, approximately 20 min*
- 11:50-12:50 *Lunch at Lysaker (venue TBC)*
- 13:00-14:30 **Nord Pool – the leading power market in Europe**

“Introduction to the European electricity market - Establishment, history, and current development”
 Tom Darell , CEO
 Julien Cossé , CSO
 Hans Randen, COO
 Martin Hergot Festøy, Senior Consultant (Nord Pool Consulting)
- 14:30-15:00 *Visit to the Nord Pool trading desk (view from outside)*
- 15:00 *Drive back to Oslo (approximately 30 min)*
- ~15:30 *Drop off at the hotel*

Independent dinner and exploration in Oslo

Wednesday June 19: Oslo/Copenhagen – Hotel Babbette Guldsmeden

- 08:45 *Doors open at the hotel conference venue “Gustav”. Situated in the Amerikanlinjen Hotel.
Please check out from the hotel before the meetings start!*
- 09:00-09:50 **Hafslund Celsio, Oslo’s waste to energy plant**

*“Norway’s circular economy company”
Truls Jemtland, head of communications, carbon capture systems (CCS)*
- 09:50-10:00 10 minute break
- 10:00-10:35 **Kyoto Group**

*“The Norwegian Thermal Battery Company – heating storage solutions”
Camilla Nilsson, CEO*
- 10:35-10:40 5 minute break
- 10:40-11:15 **Smart Watt**

*“AI control system for optimized energy consumption”
Daniel Fjærtøft, CEO*
- 11:15-11:20 5 minute break
- 11:20-12:00 **Optimeering – transforming same day power market operations**

*“Transforming Same-Day Power Market Operations with Data-Driven Forecasting and Automation Solutions”
Gavin Bell, CEO*
- 12:00-13:15 *Lunch at the hotel*
- 13:30 *Departure from the hotel to DNV. Remember your belongings! (approximately 30 min drive)*
- 14:00-15:30 **DNV – the global leader in energy consulting and risk management**

*“Introduction to DNV Group” –
Lars Almklov, Director of Group Government and Public Affairs*

*“DNV Energy Transition Outlook, a comprehensive analysis of global energy trends”
Sverre Alvik, Programme Director, Energy Transition Outlook*

*“New Power Systems” (New DNV report launched on 18 June)”
Mark Irvine, Director of Content & Thought Leadership*
- 15:30-16:00 Tour around the DNV campus
- 16:00 Transport to Oslo Airport, approximately 1 hour, followed by check-in.
- 18:55-20:05 **Flight to Copenhagen with SK 1477**
- ~21:00 Arrival at hotel Babbette Guldsmeden (airport pick up by bus). Check in and light evening dinner.

Thursday June 20: Copenhagen – Hotel Babbette Guldsmøden

- 08:30 *Meet in the lobby for transport by bus to State of Green. Approximately 30 min
State of Green, Vesterbrogade 1E, 1620 København V.*
- 09:00-09:50 **State of Green: The story of Denmark’s Green Transition**
- “State of Green is a not-for-profit, public-private partnership between the Danish government and the country’s three leading business associations. We connect you with leading Danish players working to drive the global green transition.”*
- Lise Holmegaard Larsen, Senior Project Manager, Renewable Energy, Storage and Grid
- 09:50-10:00 10 min break
- 10:00-10:50 **Green Power Denmark: Stakeholder engagement and local support/resistance**
- “Green Power Denmark is a non-commercial business organization gathering around 1,500 members from across the green energy value chain.”*
- Camilla Holbech, Head of Department, Renewable Energy and International Collaboration
- 10:50-11:00 10 min break
- 11:00-12:00 **Ørsted: Ørsted’s transformation from black to green**
- “The Danish utility Ørsted is a global leader in renewable energy, primarily focused on developing and operating offshore and onshore wind farms, solar farms, and energy storage facilities.”*
- Ben Gibson, Sr External Affairs Manager, Geopolitics, Global Regulatory & Public Affairs
- 12:00-12:30 Transport: Rådhuspladsen – Lunch
- 12:30-14:00 Lunch, venue TBC
- 14:00-14:30 Transport: Lunch – Nordhavn
- 14:30-15:30 **Copenhagen Infrastructure Partners**
- Address: CIP, Gdanskgade 18, 2150 Nordhavn*
- “Copenhagen Infrastructure Partners is a fund management company specialized in investing in and managing renewable energy infrastructure projects, including offshore wind, onshore wind, solar power, and energy storage facilities globally.”*
- Theme: CIP’s investments in APAC and financial models
- Magnus Brogaard Larsen, Associate Partner
- 15:30 *Drive back to the hotel, approximately 30 minutes*
- 18:30 *Meet in the hotel lobby for joint dinner. Venue TBC*

Friday June 21: Copenhagen – Hotel Babbette Guldsmøden

- 08:15 *Meet in the lobby for transport by bus to Balerup. Approximately 30 min*
- 09:00-11:00 **Energinet – Denmark’s Transmission and System Operator**
- “Welcome and short introduction”*
Glenn Haastrup, International Advisor
- “Introduction to Energinet and the Danish Green Transition”*
Jeppe Danø, Vice President
- “Transmission planning, balancing of grid and integration of renewables”*
Jenrik Gunnertoft Bojsen, Senior Manager
- 11:00-11:30 Transport to lunch
- 11:30-12:45 Lunch, venue TBC
- 12:45-13:15 Transport to Amagerværket, approximately 30 min
- 13:15-15:00 **Site visit to Amagerværket, one of Denmark’s largest combined heat and power plants**
- 15:00-15:15 Transport to Copenhill
- 15:15-16:30 **Site visit to Copenhill**
- Copenhagen’s combined waste to heat and skiing slope. Followed by drinks at the café at the viewing deck. End of the official program.
- 16:30 *Drive back to the hotel, approximately 45 minutes*
- 17:15 *Independent dinner and exploration of Copenhagen.*

Saturday June 22

Departure back home.

Delegation members

Name	Position	Organization	Country
Mr Omar Tsereteli	Deputy Head of Energy Efficiency and Renewable Energy Policy and Sustainable Development Department	Ministry of Economy and Sustainable Development of Georgia	Georgia
Mr. Archil Kokhtashvili	Head of Power System Balancing Department	Georgian State Electrosystem	Georgia
Mr Sharofidinov Fazliddin	Director of the Project Office	Ministry of Energy	Uzbekistan
Mr Fayzulloev Shukhrat	Head of Central dispatch department	Ministry of Energy	Uzbekistan
Mr. Naim Rahimzoda	Head of the Investment Department	Ministry of Energy and Water Resources	Tajikistan
Mr. Rezvon Sharifov	Head of the Main Department for Power Utilization and Distribution	JSC "Barki Tojik"	Tajikistan
Mr. Aidos Daribayev	Chairman of the Board	Kazakhstan Operator of the Electric Energy and Capacity Market	Kazakhstan
Ms Assem Zhumabayeva	Deputy Chief Dispatcher	National Dispatching Center of KEGOC	Kazakhstan
Mr Abdurashid Mirzaev	Chief Dispatcher	Energiya Coordinating Dispatch Center (CDC)	Uzbekistan
Mr Khamidulla Shamsiev	Director	Energiya Coordinating Dispatch Center (CDC)	Uzbekistan
Mr. Anar Sanjiijalav	Senior Expert, Renewable energy division, Policy planning department	Ministry of Energy	Mongolia
Mr. Uuganbayar Munkhbayar	Specialist, Price and Tariff department	Energy Regulatory Commission	Mongolia
Mr Asjadullah Qureshi	Assistant Director	National Electric Power Regulatory Authority (NEPRA)	Pakistan
Ms. Junxia Li	Director, department of International Cooperation	National Energy Agency (NEA)	China (PRC)
Mr. Zeliang Shao	Chief Officer, Department of New Energy	National Energy Agency (NEA)	China (PRC)
Ms. Gulzada Turdubaeva	Head of Protocol and International Relations Department	Ministry of Energy	Kyrgyzstan
Mr. Mirbek Esengulov	Chief Expert of State Policy on Electric Energy Department	Ministry of Energy	Kyrgyzstan

Mr. Mirmahammadali Aslanov	Head of Energy Efficiency and Investments department	Azerbaijan Energy Regulatory Agency	Azerbaijan
Mr. Rafiq Mammadov	Senior Advisor of Project Management Department	Azerbaijan Renewable Energy Agency	Azerbaijan
Mr. Serdar Saparov	Deputy Minister	Ministry of Energy	Turkmenistan
Mr. Atageldi Mamiyev	Head of Foreign Economic Relations Department	Ministry of Energy	Turkmenistan
Mr Joonho Hwang	Director, Energy Sector Group	Asian Development Bank (ADB)	Philippines
Mr Martin Sommerseth Jaer	Head of the CAREC Energy Program	Asian Development Bank (ADB)	Philippines
Mr Shokhimardon Musaev	Senior Project Officer	Asian Development Bank (ADB)	Philippines
Mr Tron Andre Svanes	Energy Specialist	Asian Development Bank (ADB)	Philippines
Ms Almagul Yeskendirova	CAREC coordinating consultant	Asian Development Bank (ADB)	Kazakhstan
Ms Molla Joy Lopez Abanilla	Project analyst and CAREC project officer	Asian Development Bank (ADB)	Philippines
Mr. Lei Zhang	Unit Head, Project Administration Unit	Asian Development Bank (ADB)	Philippines
Mr Bekzhan Mukatov	Consultant	Asian Development Bank (ADB)	Kazakhstan