

2023 Cisco Higher Education Study Tour to Norway & Denmark

Creating Economic Impact Through Digital Innovation and Industry Collaboration

“The higher education sector has never been more important to Australia and the global economy. Universities play a vital role as a major source of skills and talent, and their leading contributions in research and innovation are needed to meet today’s challenges including on sustainability, digitisation and global trade. I am delighted to host delegates as part of the 2023 Cisco Higher Education Study Tour to identify new opportunities for collaboration between Australia, Denmark and Norway.”



- HE Ms Kerin Ayyalaraju
Australian Ambassador to
Denmark, Norway and Iceland



Australian Government
Department of Foreign Affairs and Trade

Overview

It has been three years since Cisco’s last international study tour. Since then a number of issues have come into sharper focus: management of sovereign risk, decarbonisation/Net Zero, global skills shortages and the accelerating pace of digital adoption in sectors such as healthcare and manufacturing. The 2023 study tour provides an opportunity for Australian and New Zealand universities to discuss these issues and better understand how some of the world’s most digitally-advanced and collaborative economies are responding to these and other global priorities.

The 2023 event is Cisco’s 10th international study tour and the first since the establishment of the National Industry Innovation Network (NIIN). Over the last decade, more than 30 individual universities have participated in Cisco’s higher education study tours designed to expose universities to innovative practice and new ideas and to connect with overseas peers.

Where:	Oslo & Copenhagen
When:	29 th May – 2 nd June 2023
Who:	By invitation – Chief Operating Officers, Chief Information Officers, Chief Technology Officers and Chief Digital Officers at Australian / New Zealand universities
Suggested hotels:	Thon Hotel Opera Oslo (Check-in 29 May / Check-out 31 May) Hotel NH Collection Copenhagen (Check-in 31 May / Check-out 2 June).
Suggested flight:	Scandinavian Airlines SK1465 (Oslo – Copenhagen), departing at 5.15pm (<i>note a bus will be provided to take delegates to the airport</i>)
Dress code:	Please feel free to dress in business casual

Monday 29 May

Thon Hotel Opera lobby, Dronning Eufemias gate 4, 0191 Oslo

2.00pm	<p>Optional visit to Akershus Castle, a medieval castle that was built in 1299 as a royal residence</p> <p>If you would like to join us on this visit, please meet in the Thon Hotel Opera lobby at 2.00pm for the 15 min walk to Akershus Castle. Tickets cost NOK 100 and can be purchased at the entrance.</p>
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Südøst, Trondheimsveien 5, 0560 Oslo

5.30pm	<p>Group dinner at Südøst</p> <p>Please make your own way to Südøst for a 5.30pm seating. Südøst can be reached on foot (20 min walk from Thon Hotel Opera) or by taxi.</p>
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Tuesday 30 May

Thon Hotel Opera lobby, Dronning Eufemias gate 4, 0191 Oslo

8.30am	<p>Bus transfer to Cisco Norway</p> <p>Please meet in the Thon Hotel Opera lobby for an 8.30am departure.</p>
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Cisco Norway, Philip Pedersens vei 1, 1366 Lysaker

9.00am	<p>Visit to Cisco Norway Customer Briefing Centre (CBC). The Cisco Norway CBC shows what is possible with Cisco technology and includes demo capabilities in Internet of Things, Enterprise Networks, Data Centre, Collaboration and Security.</p> <p>The visit to Cisco Norway CBC will include:</p> <ul style="list-style-type: none">• A welcome and introduction to the study tour• An overview of the Norway context, vision and strategy• Portfolio demonstrations• Hybrid work QA / lab tour
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12.00pm	Lunch
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12.45pm	Bus transfer to Oslo University
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University of Oslo, Department of Informatics, Gaustadalléen 23B, 0373 Oslo

1.30pm	<p>Visit to University of Oslo. The University of Oslo (UiO) is Norway's oldest university. UiO is a research-intensive university and has a major focus on contributing to the UN Sustainable Development Goals. UiO hosts the Sustainability Lab (focused on researching sustainable digital technology solutions), Oslo Centre for Interdisciplinary Environmental and Social Research (a strategic research collaboration focused on environmental and climate research) and the Centre for Development and the Environment (focused on global and regional governance for sustainable development).</p> <p>The visit to UiO will include presentations on:</p>
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- UiO and its sustainability goals (*Mette Halskov Hansen, Vice-Rector for Climate & the Environment and Cross-Disciplinarity*)
- UiO's research projects relating to sustainability, energy, climate and the environment (*Vebjørn Bakken, Director of UiO:Energy and Environment*)
- UiO's dScience initiative (*David Cameron, Centre Coordinator at dScience*)
- UiO's Sustainability Lab (*Andrea Alessandro Gasparini, Senior lecturer at Sustainability Lab*)
- La Trobe University's Smart Campus and Living Labs (*Shainal Kavar, CIO, La Trobe University*)

More details to come

3.30pm **Bus transfer to Thon Hotel Opera Oslo**

4.00pm **Break**

Ekebergrestauranten, Kongsveien 15, 0193 Oslo

6.00pm **Group dinner at Ekebergrestauranten**

Please make your own way to Ekebergrestauranten for a 6.00pm seating. Ekebergrestauranten is best reached by taxi (7 min drive from Thon Hotel Opera).

Wednesday 31 May

Thon Hotel Opera lobby, Dronning Eufemias gate 4, 0191 Oslo

9.00am **Transfer to OsloMet**

Please meet in the Thon Hotel Opera lobby for a 9.00am departure. Bring your luggage with you as we will not be returning to the hotel.

OsloMet, Pilestredet 46b, 0167 Oslo

9.30am **Welcome to OsloMet**

Christen Krogh, President, OsloMet

9.35am **Introduction to OsloMet.** OsloMet is a large public university based in the heart of Oslo. OsloMet has a strong focus on the application of digital technology and innovation to education, business and society. OsloMet is home to Digital Innovation and Strategic Competence in Organizations (a research group focused on the implications of digital technology in organisations), OsloMet Artificial Intelligence Lab (a joint research centre for applied and basic AI research), and the Research Centre for Digitalisation of Public Services and Citizenship (a research group focused on the ethical and legal factors of government-led technology transformation).

Vigdis By Kampanes, Director of the Division for Organisation and Infrastructure, OsloMet

9.40am **How IT in the university sector is organised in Norway**

Geir Vangen, Technical Director, Sikt

9.50am **OsloMet as a digital university**

Kentil Are Lund, CIO, OsloMet

10.00am	<p>Australian perspectives on digitisation of higher education</p> <p><i>Byron Collins, CTO, University of Melbourne</i></p> <p><i>Craig Warren, CDO, Deakin University</i></p>
10.20am	<p>Break</p>
10.30am	<p>Panel discussion</p> <p><i>Silje Fekjær, Vice-Rector (Education), OsloMet</i></p> <p><i>Kentil Are Lund, CIO, OsloMet</i></p> <p><i>Byron Collins, CTO, University of Melbourne</i></p> <p><i>Kirsty Mosley, Associate Director, IDS Delivery Capability and Support, Flinders University</i></p> <p><i>Jason Cowie, CIO, Curtin University</i></p>
10.50am	<p>AI opportunities and challenges</p> <p><i>Professor Anis Yazidi, OsloMet</i></p>
11.10am	<p>Brief intro to Quantum Computing</p> <p><i>Professor Sergiy Denysov, OsloMet</i></p> <p><i>Professor Sølve Selstø, OsloMet</i></p>
11.25am	<p>Summary and farewell</p> <p><i>Christen Krogh, President, OsloMet</i></p> <p><i>Professor Tale Skjølstvik, OsloMet</i></p>
11.30am	<p>Bus transfer to Radium Hospital</p> <p>Note the bus will depart from Dalsbergstien 19, 0123 Oslo (a 4 minute walk from our meeting room)</p>
<p>Oslo University Hospital, Radiumhospitalet, Ullernchausseen 70, bygg A</p>	
12.00pm	<p>Oslo University Hospital and Radium Hospital Comprehensive Cancer Center: yesterday – today - tomorrow. Oslo University Hospital, Radiumhospitalet is one of the four campuses of Oslo University Hospital and is the most specialised hospital in Norway for cancer therapy and cancer research. In partnership with Cisco, Oslo University Hospital is pioneering new care delivery models. This includes using Webex to create a more interconnected and collaborative healthcare ecosystem that brings multi-disciplinary teams together for shared-care decisions.</p> <p><i>Sigbjørn Smeland, Prof. MD, Head of Cancer Clinic</i></p> <p>Note: Lunch will be served during the presentations</p>
12.30pm	<p>The precision cancer medicine implementation initiative in Norway</p> <p><i>Dr. Hege Russnes, Prof. MD, Dept. of Pathology</i></p>

1.00pm	Oslo Cancer Cluster Innovation Park <i>Ketil Widerberg, General Manager, Oslo Cancer Cluster</i>
1.30pm	Closing gaps and extending possibilities – Oslo University Hospital’s collaboration with Black Lion Hospital in Ethiopia <i>Helle Aanesen, Aktiv Against Cancer</i>
1.50pm	La Trobe University’s virtual emergency department <i>Dr Megan Fisher, Pro Vice-Chancellor Industry Engagement, La Trobe University</i>
2.00pm	Exercise Oncology – live workouts throughout Norway
2.15pm	Bus transfer to Oslo airport for flight to Copenhagen Upon arrival in Copenhagen, please organise your own hotel transfer and dinner

Thursday 1 June

Hotel NH Collection Copenhagen, Strandgade 7, 1401 København

9.30am	Bus transfer to DTU Skylab Please meet in the Hotel NH Collection lobby for a 9.30am departure
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DTU Skylab, Centrifugevej Building 374, 2800 Kgs. Lyngby

10.30am	Welcome and introduction to DTU Skylab. DTU is recognised internationally as a leading university in the areas of technical and natural sciences and is ranked as one of Europe’s leading engineering institutions. DTU is home to DTU Skylab, a cross-disciplinary innovation hub used by various institutes at DTU. DTU Skylab is located at the main DTU Campus in Lyngby and is housed in a facility of 5500 square meters, complete with labs, workshops, auditoriums, open spaces and project rooms. DTU offers soft funding, business acceleration, prototyping and a space to grow for deep tech start-ups and pre start-up projects based at DTU. <i>Mikkel Sørensen, Director</i>
11.00am	Welcome to DTU <i>Philip Binning, Graduate Dean</i>
11.15am	The importance / role of entrepreneurship in education <i>Professor Cameron Newton, Deputy Dean, Faculty of Business and Law, Queensland University of Technology</i>
11.25am	Dialogue: Innovation, entrepreneurship, commercialisation and industry engagement

11.45am	Tour of the Skylab facilities and meet-and-greet with startups and users
12.15pm	Lunch
12.45pm	Bus transfer to Hotel NH Collection For those joining the optional cycling tour, you will have a short break to drop-off your belongings (e.g. laptops) at the hotel
Hotel NH Collection Copenhagen, Strandgade 7, 1401 København	
1.45pm	Walk to City Bike Adventures for optional cycling tour Please meet in the Hotel NH Collection lobby for the 10 minute walk to City Bike Adventures
City Bike Adventures, Holbergsgade 12, 1057 København	
2.00pm	Commence optional cycling tour
3.00pm	Conclude tour and walk to Hotel NH Collection
Hotel NH Collection Copenhagen, Strandgade 7, 1401 København	
3.10pm	Break
4.00pm	Bus transfer to CopenHill Note it's a safety requirement at CopenHill to wear long pants or tights and closed shoes. No access to the power plant will be granted if wearing flip flops, sandals or high heels.
CopenHill, Vindmøllevej 6, 2300 København	
4.30pm	Tour of CopenHill waste-to-energy plant. CopenHill is a 41,000m ² waste-to-energy plant in the port and industrial area of Copenhagen. CopenHill is regarded as the cleanest waste-to-energy power plant in the world. CopenHill converts 440,000 tons of waste annually into enough clean energy to deliver electricity and district heating for 100,000 homes. Copenhill is not just a power plant, but is also a recreational hub – its façade is climbable, its roof is hikeable and its slopes are skiable.
6.00pm	Bus transfer to Australian Ambassador's Residence
Australian Ambassador's Residence, Helsinggade, 20, 10th floor, 2150 Nordhavn	
6.30pm	Arrive and sign-in
6.45pm	Light dinner
7.00pm	Welcome and introductions <i>HE Ms Kerin Ayyalaraju, Australian Ambassador to Denmark, Norway and Iceland</i>
7.10pm	Perspectives from Cisco

	<i>Sam Gerner, Managing Director Public Sector, Cisco ANZ</i>
7.20pm	<p>Perspectives from Australian universities about challenges they are facing and opportunities for collaboration</p> <p><i>Professor Paul Brunton, Deputy Vice-Chancellor (Academic), Curtin University</i></p> <p><i>Professor Amanda Gudmundsson, Executive Dean, Faculty of Business and Law, Queensland University of Technology</i></p>
7.50pm	<p>Informal networking with local institutions. Local institutions attending the reception include Copenhagen Business School, the Ministry of Higher Education and Science, and Technical University of Denmark (DTU).</p> <p>Please make your own way back to the hotel at the conclusion of the reception.</p>

Friday 2 June

Hotel NH Collection Copenhagen, Strandgade 7, 1401 København

9.15am

Bus transfer to DOLL

Please meet in the Hotel NH Collection lobby for a 9.15am departure

DOLL Living Lab, Naverland 2, 2600 Glostrup

10.00am

Visit to DOLL Visitor Centre. DOLL (Danish Outdoor Lighting Lab) is Europe's largest test field, showroom, and innovation hub within the field of intelligent lighting. Its living lab is located in the suburban municipality of Albertslund, located some 15 kilometres west of Copenhagen. Whereas the initial aim of using the living lab as a testbed for LED solutions was energy efficiency, today the living lab has broadened its activities to include Smart City solutions across mobility and parking, Internet of Things (IoT) communication systems, environmental monitoring, waste management, indoor lighting, and driverless busses.

The visit to the DOLL Visitor Centre will include presentations on:

- DOLL Living Lab – background, method and setup
- Value creation with Local Digital Twins
- DTU Smart Campus (*Anders B. Møller*)

11.20am

Tour of DOLL Living Lab. We will have an exciting 4 stop exploration of the lab, seeing some best practice and next practice examples of technologies for campuses and urban environments. We will see AI enabled camera sensors and lighting fixtures by Felicity Smart Infrastructure in action, Danish design, computer vision technologies and more.

12.30pm

Lunch / reflections session

1.30pm

Bus transfer to Hotel NH Collection Copenhagen

2.30pm

Close