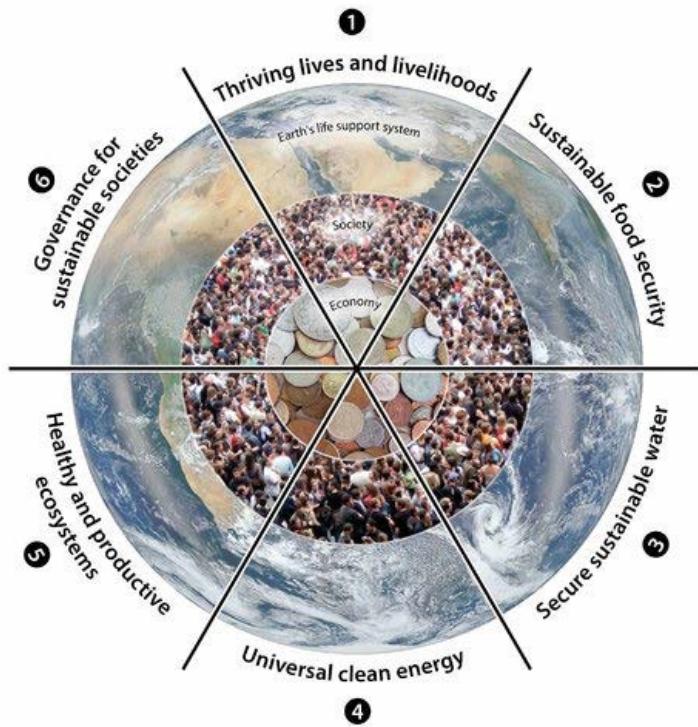


Sustainable Development in Northern Europe C**Spring 2017****Location:** Copenhagen**Credits:** 3**Core Class:** Yes**Study Tour:** Sweden**Major Disciplines:** Environmental Studies, Public Policy, and Sustainability**Faculty Member:** Bianca Liberski, bli@dis.dk**Program Director:** Neringa B. Vendelbo, nb@dis.dk**Program Assistant:** Rachel Frei, rf@dis.dk**Mondays and Thursdays 8:30 – 9:50, Vestergade 10-A33****Instructor: Bianca Liberski**

Cand.merc.int. MA, Intercultural Management with a focus on Ethics, Culture and CSR, Copenhagen Business School and BA (Hons) European Business with a focus on Economics, Politics, Philosophy and French, Manchester Metropolitan University, UK and Université Blaise Pascal, France. Project Coordinator, Danish Refugee Council (2010). Ethics Officer, Borealis (Bruxelles, 2005-2007). She has worked in international relations for the Danish Ministry of Foreign Affairs in Warsaw in 2004-2005 and the European Commission in 2003 in Bruxelles. With DIS since 2009.

Description of course

Sustainable development has emerged as one of the most important discourses of the 21st century. It is a multi-dimensional concept, which aims to integrate environmental, social, and economic objectives, and no single academic discipline definitively addresses its problems or solutions. This course explores some of the key issues and themes of sustainable development, as well as pragmatic and practical strategies for promoting a more sustainable future.

The aims of the course are:

- To present a coherent and analytical framework for understanding the key ideas and issues informing the sustainability debate in the global north (especially from a Northern European perspective);
- To examine the current and potential roles of government, civil society, and business in shaping a sustainable future;
- To provide a framework for understanding that links knowledge with practice and bridges the gap between the classroom and the outside world;
- To investigate Sustainable Urbanization and Living in Copenhagen, Hamburg and Stockholm.

Learning objectives of the course

By the end of this course you will be able to ...

- Comprehend the underlying concepts, debates, and issues informing various actors, agencies, and activities working to realize sustainability goals;
- Show a critical awareness of the diverse and contested meanings of sustainable development ideas and practices;
- Identify a broad range of Danish and European stakeholders and activities currently shaping the sustainability agenda;
- Compare and contrast sustainability discourses and practices in Denmark and Europe with those in your home states;
- Locate a broad range of sources of information on sustainability, and to be able to engage in critical and reflective thinking on a sustainability issue;
- Articulate your own values, positionality, and possible strategies for a sustainable future.

Required texts

Jackson, T. (2009) *Prosperity Without Growth?: Economics for a Finite Planet*, London, Earthscan.

Sachs, J. (2015) *The Age of Sustainable Development*, Columbia University Press.

Selected articles and publications available online.

DIS will supply all books.

Approach to Teaching

Class sessions will combine lectures (including guest lecturers) and discussions, which examine theory, current debate and case studies. The classroom experience will be enhanced by experiential learning through cooperative learning methods, field studies, and study tours. With such a broad topic, it is impossible to cover all issues and themes, therefore topics are selective rather than comprehensive.

Field studies

Wednesday, March 15, 8:30-12:30: Visit to Bybi and Tagtomat

Wednesday, May 3, 13:00-17:00: Visit to the European Environmental Agency

Study tours

Core Course week and study tours are an integral part of the core course as we take the classroom on the road and see how theory presented in the classroom is translated to practice in the field. You will travel with your classmates and DIS faculty/staff on two study tours; a short study tour during Core Course Week and a long study tour to a relevant European destination.

Expectations for study tours:

- Participate in all activities
- Engage in discussions, ask questions, and contribute to achieving the learning objectives
- Respect the destination, the speakers, DIS staff, and your fellow classmates
- Represent yourself, your home university, and DIS in a positive light

While on a program study tour DIS will provide hostel/hotel accommodation, transportation to/from the destination(s), approx. 2 meals per day and entrances, guides, and visits relevant to your area of study or the destination. You will receive a more detailed itinerary prior to departure.

The dates for core course week, including short study tour, and your long study tour are below for your reference.

Core Course Week: February 6 – 10, 2017

Long Study tour to Sweden: March 19 – March 24, 2017

Travel policies

You are required to travel with your group to the destination. If you have to deviate from the group travel plans, you need approval from the program director and the study tours office prior to departure. You are free to return to Copenhagen on your own if you choose to do so, but must stay with the group through the last visit and inform your study tour leaders of your plans in advance.

Short study tour to Esbjerg, Ribe and Fanø

A three day tour to Esbjerg, Ribe and Fanø. The aim of the SUS short study tour is to connect the classroom learning with real life experiences of sustainable development. Esbjerg is an interesting case study of how a city can develop from being reliant on fisheries to oil/gas/offshore to now focusing on windmill and other renewable energy sources. In April 2016, the largest windmill in the world was installed in Port of Esbjerg. On top of that, the municipality is deeply involved in becoming a sustainable city, from creating public/private partnerships to teaching sustainability in schools to promoting and installing solar panels, windmills and other renewable energy sources in Esbjerg and its vicinity. Esbjerg is also home to "Vadehavet"/Wadden Sea, a UNESCO protected strip of land and water stretching from Denmark through Germany to the Netherlands, and which features unique wildlife. We will also explore the oldest town in Denmark, Ribe, as well as the island of Fanø, being a national park.

The main objective of the short study tour is to investigate sustainable urbanization and living in Esbjerg and to examine what it takes to become a sustainable city, while dealing with and respecting an industrial past, which is deeply embedded in the culture of the city.

Long study tour to Stockholm

A six day tour to Sweden. Just like the short study tour, the aim of the SUS long study tour is to connect the classroom learning with real life experiences involving sustainable development. Stockholm was the European Green city in 2010 and Sweden is a world leader in sustainable urban planning. We will be taking public transportation where possible (including a train to Stockholm), and we will stay in a hotel, which has received an Eco Award for their use of carbon offsets and charitable contributions to the community. Also, we will eat at sustainable restaurants, whether they serve organic or local food, or run on renewable energy. Specific visits have previously included national-level policy organizations, international NGOs, and examples of urban (re)development.

A goal of the tour is to compare and contrast sustainability discourses and practices in Europe with those in the USA. Students will be encouraged to examine the different approaches of mainstream and grassroots initiatives, as well as questions of scale, in implementing sustainable practices, and gain specific awareness of these issues in a Swedish context.

Evaluation

Study tour/project visit protocols (see protocol schemes)

European Case 1

Analysis and assessment: Research paper #1: 4 pages.

Choose a research question that relates your case to sustainable development. Choose a question based on your observations from the short study tour and other visits during the core course week, which you would like to explore in more depth. Your analysis should consist of contextualization (identification of historical, societal, and community drivers) and the assessment of organizational and stakeholder analysis as well as assessment of success and mainstream potential. Each pair, as you will work together in pairs, will thus conduct research as a basis for their analysis and assessment in- and outside of class as well as make use of

their own observations. You may also choose to further explore a case we have visited in class. Please note that this European Case 1 will be part of your Final Project.

European Case 2

Analysis and assessment: Research paper #2: 4 pages.

Choose a research question that relates your case to sustainable development. Choose a question based on your observations from the long study tour or our theme: Sustainable Food Systems, which you would like to explore in more depth. Your analysis should consist of contextualization (identification of historical, societal, and community drivers) and the assessment of organizational and stakeholder analysis as well as assessment of success and mainstream potential. Each pair will thus conduct research as a basis for their analysis and assessment in- and outside of class as well as make use of their own observations. You may also choose to further explore a case we have visited in class.

Both of the assignments should be written as essays.

Awareness Case and Individual Project

To be defined and discussed during classes.

Grading

European Case 1 or European Case 2 (4 pages)	20 %
Awareness Case	25 %
Individual Project	25 %
Participation	30 %

Participation will be based on the following criteria:

- Attendance
- Active participation in class discussions
- Preparation for each class
- Reading all assigned texts
- Preparing all assignments for class
- Active participation in study tours and field studies
- Active participation in class seminar
- Blog of own observations of Consumption Patterns (ongoing contributions)

To be eligible for a passing grade in this class you must complete all of the assigned work.

Disability and resource statement

Any student who has a need for accommodation based on the impact of a disability should contact Sean Green (sg@dis.dk) to coordinate this. In order to receive accommodations, students should inform the instructor of approved DIS accommodations within the first two weeks of classes.

Policies**Attendance**

You are expected to attend all DIS classes when scheduled. If you miss multiple classes the Director of Teaching and Learning, and the Director of Student Affairs will be notified and they will follow-up with you to make sure that all is well. Absences will jeopardize your grade and your standing at DIS. Allowances will be made in cases of illness, but in the case of multiple absences you will need to provide a doctor's note.

Academic Honesty**Plagiarism and Violating the Rules of an Assignment**

DIS expects that students abide by the highest standards of intellectual honesty in all academic work. DIS assumes that all students do their own work and credit all work or thought taken from others. Academic dishonesty will result in a final course grade of "F" and can result in dismissal. The students' home universities will be notified. DIS reserves the right to request that written student assignments be turned in electronic form for submission to plagiarism detection software. See the *Academic Handbook* for more information, or ask your instructor if you have questions.

Laptop and phones policy

Most students find that taking class notes by hand is sufficient for review purposes. Computers are allowed in class solely for note-taking and research purposes and only when encouraged by the instructor.

Schedule of classes, readings to be done for each class, and assignment due dates

Session#	Date	Topic	Readings
Part I – The Concept of Sustainable Development			
1	Thursday January 19	Introduction to the course Introduction to sustainable development: Where Are We? What is sustainability about? Why sustainability – what is the problem? Definitions of sustainable development + indicators. Where do we stand now, and what should we aim at? Mapping sustainable development issues and challenges.	Sachs, (2015) The Age of Sustainable Development, pp 1-15. WWF (2014) Living Planet Report WEF (2017) Global Risks Report
2	Monday January 23	Sustainable development: the concepts of 1) Economic Growth 2) Social Inclusion 3) Planetary Boundaries/Climate Change - analysis and discussion of these + new model “The Doughnut” proposed by Kate Raworth from Oxfam <i>Election of class representatives</i>	Readings: UN Sustainable Development Goals COP21: Climate Conference
3	Thursday January 26	Sustainable consumption and prosperity. How can development be measured? What is meant by development and prosperity? How can we influence ‘sustainable’ choices? How Population Dynamics Influence Prosperity *Own observations of Consumption Patterns* SDG11	Jackson pp. 35-47 UNDP: <i>The real wealth of nations</i> pp. 1-13, Abdullah: <i>The Happy Planet Index</i> , pp. 8- 12, 2012 Sachs pp. 208-214 Read also about GPI and pay attention to the critic of GDP: http://www.sustainwellbeing.net/gpi.html

4	Monday January 30	From Growth to Green Growth? The Myth of Decoupling and the Dilemma of Growth	Jackson pp. 67-86 and pp. 49-65 Sachs pp. 214-217 Growth – the real elephant in the room? http://www.edie.net/library/Growth---the-real-elephant-in-the-room/6461
5	Thursday February 2	CCW and Short study tour preparation Introduction to Denmark	The Nordic Model: Local government, global competitiveness in Denmark, Finland and Sweden. Good, Better, Best – The City of Copenhagen’s Bicycle Strategy 2011-2025. Find on Canvas.
Core Course Week: Investigating Sustainable Urbanization and Living in Esbjerg, Ribe and Copenhagen			
	February 6-8	Short study tour: Esbjerg & Ribe, Denmark Sustainable Urbanization Living in Esbjerg <i>Final details will be posted on Blackboard</i>	
	February 9-10	Core Course Week: Copenhagen <i>Final details will be posted on Blackboard</i> Thursday and Friday: Sustainable Urbanization and Living in Copenhagen	
Part II – Sustainable Living in Cities, with a focus on Infrastructure in Copenhagen and Esbjerg			
6	Monday February 13	What is a “Resilient City” and how do we achieve sustainable living in the city? Comparative Analysis of Copenhagen and Esbjerg	Sachs pp. 355-393 + Sustainable Cities Index http://www.sustainablecitiesindex.com

		Partner-selecting process and consultation for Case Study 1	
7	Thursday February 16	Case of Copenhagen: Waste Management	TBA
8	Monday February 20	Waste, Consumption and Dirt	Guest Lecture by Frederik Larsen Reading: McDonough, Braungart: Cradle to Cradle, Chap. 4: Waste Equals Food
9	Thursday February 23	Case of Copenhagen: Energy Supply + team up for Stockholm questions ***Submit European Case 1***	TBA
February 25 – March 5: Travel Break			
Part III – Global, regional and local change: Sustainable Food Systems			
10	Monday March 6	Food Security Sustainable Food and Agriculture Systems. Exploring challenges and solutions in quest for sustainable food and agricultural systems: food waste, climate change, protecting the soil. The rise of urban farming.	Sachs pp. 317-334 Optional: pp. 334-355 Monbiot, We're Treating Soil Like Dirt http://www.theguardian.com/commentisfree/2015/mar/25/treating-soil-like-dirt-fatal-mistake-human-life Optional: Montgomery: Soil & Civilization

			https://www.youtube.com/watch?v=sQACN-XiqHU
11	Thursday March 9	<p>How have our food systems changed over the last 50-100 years?</p> <p>How can food habits be changed? Update on your own consumption</p> <p>Stop Wasting Food – a consumer organization headed by Selina Juul</p>	<p>Reading: Staying alive, Vandana Shiva</p> <p>A UK Public Health Perspective</p>
12	Monday March 13	<p>Sustainable Food Consumption in Action</p> <ul style="list-style-type: none"> - Study tour preparation (in class) 	<p>TBC (Rub & Stub) Evt bt fra torsdag til mandag</p>
	Wednesday March 15	<p>Field Study: 8.30-12.30</p> <p>Bybi & Visit to Tagtomat</p>	
	Wednesday March 15	<p>Mandatory Evening Event:</p> <p>Katherine Richardson Guest Lecture on Climate Change: The Science and the Societal Response</p> <p><i>18:00</i> <i>Light snacks and drinks to follow.</i></p>	
	Thursday March 16	NO CLASS	
<p>March 19 – March 24: Long Study tour: Stockholm, Sweden</p> <p>Investigating Sustainable Urbanization and Living in Stockholm</p> <p>Further Program TBA</p>			
<p>Part III – Global, regional and local change- Climate Change, COP21 in Paris, SDGs and Next Steps</p>			
13	Monday		

	March 27	Wrapping up study tour <u>Case 2:</u> selecting the European Case Study 2 and partner-selecting process	No readings
14	Thursday March 30	Climate Change Climate Change – assessing the outcome of COP21 in Paris in December 2015 as well as the link to SDGs	Sachs pp. 393-446 Student presentations: current updates on the COP21 and the next steps
15	Monday April 3	Climate Change and the COP21 + the Next Steps	Guest lecture with Dan Belusa Reading: TBA
16	Thursday April 6	Awareness Project In class discussion and analysis of how to raise awareness and communicate the challenges and opportunities of a sustainable lifestyle. Project to be started in class and handed in April 24	“The Revolution” movie http://therevolutionmovie.com/index.php/watch-the-movie/ “Before the floods” – National Geographic and Leonardo Dicaprio “Cowspiracy” “An Unconvenient Truth” Al Gore
	Monday April 10	NO CLASS ***Submit European Case 2***	
April 12 - 17: Travel Break			
	Thursday April 20	NO CLASS	
17	Monday April 24	Discussion and analysis of the SDGs	Student presentations

		Submit Awareness Project	
18	Thursday April 27	Stories to inspire change	Re:imagining change - an introduction to story-based strategy. Doyle Canning & Patrick Reinsborough, 2009.
	Monday May 1	NO CLASS	
	Wednesday May 3	Field Study 13:00-17:00 Visit to the European Environmental Agency	*Concluding Social Event to follow field study, details to follow
	Thursday May 11	***Submit Final Project*** – Online Submission by end of day	

Schedule is subject to change if necessary with as much notice as possible.