

Template to report changes in the syllabus

(Must be filled in by the subject teacher in consultation with the avdelingsleder/programansvarlig)

<p>The change applies:</p> <p>Specify which department, subject/course and the number of credits.</p>	<p>JUR-3619 Energy and Climate Change Law</p> <p>Elective Course 5 Year – Spring 2021</p> <p>15 credits</p>
<p>Description of change:</p> <p>Specify author, title/headline, year and number of pages.</p>	<p>Changes concern the reduction of the syllabus. The articles / chapters/reports to be withdrawn are indicated below.</p>
<p>Explain why the syllabus should be changed:</p>	<p>The original syllabus of JUR-3619 was designed with NOMPEL in mind. In NOMPEL, the page count per course is higher than for elective courses with 15 credits. Hence, the syllabus needs to be reduced in order to comply with the maximum of 825 pages.</p>
<p>Updated reading list:</p> <p>- Copy-paste a summary of the current syllabus in the subject/course and use “Track changes” to show which changes are done.</p>	<p>- Bruckner T., I.A. Bashmakov, Y. Mulugetta, H. Chum, A. de la Vega Navarro, J. Edmonds, A. Faaij, B. Fungtammasan, A. Garg, E. Hertwich, D. Honnery, D. Infield, M. Kainuma, S. Khennas, S. Kim, H.B. Nimir, K. Riahi, N. Strachan, R. Wisner, and X. Zhang, 2014: <i>Energy Systems</i>. In: <i>Climate Change 2014: Mitigation of Climate Change. Contribution of Working Group III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change</i> [Edenhofer, O., R. Pichs-Madruga, Y. Sokona, E. Farahani, S. Kadner, K. Seyboth, A. Adler, I. Baum, S. Brunner, P. Eickemeier, B. Kriemann, J. Savolainen, S. Schlömer, C. von Stechow,</p>

T. Zwickel and J.C. Minx (eds.)). Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA. Available on line: <https://www.ipcc.ch/pdf/assessment> pp 1 – 60 (60 pages excluding the references)

- Das Neves and Bankes, “Energy Policies of Selected Arctic States”, in Natalia Loukacheva (ed), *Polar Law and Resources*, Norden Publishing, Nordic Council of Ministers, 2015. Available online here <http://norden.diva-portal.org/smash/recon> pp. 119 – 134 (15 pages)
- Natalie Dobson and Seline Trevisanut, “Climate Change and Energy in the Arctic – The Role of the European Union”, *The International Journal of Marine and Coastal Law*, Vol. 33, Issue 2, 2018 pp. 380-402 (22 pages) https://brill.com/view/journals/estu/33/2/article-p380_6.xml
- Bruckner et al (IPCC), *Energy Systems* (see introductory readings)
- ~~An Energy Policy for Europe, 2007~~ <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CELEX> (27 pages)
- EU Commission, **A policy framework for climate and energy in the period from 2020 to 2030, 2014.** <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX> (17 pages)
- ~~Peter Cameron, “The Competition Objective”, chapter 1 in *Competition in Energy Markets: Law and Regulation in the European Union*, Oxford, OUP, 2007 pp. 3-36 (33 pages). In digital compendium.~~
- Introduction to Energy Security and Security of Supply, in **Angus Johnston and Guy Block, *EU Energy Law*, 2012, Oxford University Press, pp. 233– 239 (6 pages). In digital compendium.**
- Catherine Banet, The Paris Agreement to the UNFCCC: Underlying Dynamics and Expected Consequences for the Energy Sector, in Martha Roggenkamp & Catherine Banet (ed.), *EUROPEAN ENERGY REPORT XI* (Intersentia, 2017). ISBN 978-1-78068-469-7 Chapter IV, pages 71-91 (20 pages). Available online.
- Catherine Redgwell, “International Legal Responses to the Challenge of a Lower-Carbon Future: Climate Change, CCS and Biofuels” in Donald Zillman et al (eds), *Beyond the Carbon Economy:*

Energy Law in Transition, Oxford (OUP) (2008) pp. 85 – 108 (24 pages). Available online.

- ~~Barry Barton and Jennifer Campion, “Climate Change Legislation: Law for Sound Climate Policy Making” in Donald Zillman et al (eds), *Innovation in Energy Law and Technology: Dynamic Solutions for Energy Transitions*, Oxford (OUP) pp 23—37 (15 pages) Available online.~~
- UN Sustainable Development Goals (2030), Goal 7, Ensure Access to Sustainable, Reliable and Modern Energy for All, online, (1 page) <https://sustainabledevelopment.un.org/content/documents/2125>
- Short commentary and statistical review of Goal 7, online (1 page), <https://unstats.un.org/sdgs/report/2016/goal-07/>
- Lambert Schneider et al., *Market Mechanisms in the Paris Agreement – Differences and Commonalities with Kyoto Mechanisms*, German Emissions Trading Authority, October 2016, (26 pages) <https://www.dehst.de/SharedDocs/downloads/DE/projektmecha>
- Daniel Bodansky, Jutta Brunnée, and Lavanya Rajamani, *International Climate Change Law*, Oxford (OUP) (2017), pp. 118-257 (140 pages) <http://opil.ouplaw.com/view/10.1093/law/9780199664290.001>
- Richard Baron, OECD, *Energy Transition after the Paris Agreement: Policy and Corporate Challenges*, September 2016, (15pages) <https://www.oecd.org/sd-roundtabl>
- Ivar Alvik, “The first Norwegian Climate Litigation”, *Journal of World Energy Law and Business*, 2018, 11, 541–545 (5 pages) <https://academic.oup.com/jwelb/article/11/6/541/519>
- Hans Vedder, Anita Rønne, Martha Roggenkamp, and Iñigo del Guayo, “EU Energy Law”, in Martha M. Roggenkamp et al. *Energy Law in Europe: National, EU and International Regulation*, 3rd edn. Oxford University Press, 2016, pp. 318-330 (on renewable energy sources) (13 pages). In digital compendium.
- Martijn Wilder, Lauren Drake, “International Law and the Renewable Energy Sector”, in Cinnamon P. Carlarne,

Kevin R. Gray, Richard Tarasofsky (eds.), *The Oxford Handbook of International Climate Change Law*, Oxford (OUP), 2016, pp. 357-385 (28 pages).
<http://opil.ouplaw.com/view/10.1093/law/9780199684601.001>.

- Simone Borghesi, Massimiliano Montini, Alessandra Barreca, “The EU ETS: The Pioneer – Main Purpose – Structure and Features”, in Simone Borghesi, Massimiliano Montini, Alessandra Barreca, *The European Emission Trading System and its Followers: Comparative Analysis and Linking Perspectives*, Springer, Cham, 2016, pp. 1-28 (28 pages).
<https://link.springer.com/chapter/10.1007/978-3-319-31186-9>
- Catherine Banet, “Effectiveness in Climate Regulation: Simultaneous Application of a Carbon Tax and an Emissions Trading Scheme to the Offshore Petroleum Sector in Norway”, *Carbon & Climate Law Review*, Vol. 11, No. 1 (2017), pp. 25-38 (13 pages).
<https://search.proquest.com/docview/1907288924/36CFD422A>
- Hans Vedder, Anita Rønne, Martha Roggenkamp, and Iñigo del Guayo, “EU Energy Law”, in Martha M. Roggenkamp et al. *Energy Law in Europe: National, EU and International Regulation*, 3rd edn. Oxford University Press, 2016, pp. 336-344 (on climate change and emissions trading) (8 pages). In digital compendium.
- Christina Voigt, “WTO Law and International Emissions Trading: Is there Potential for Conflict?”, *Carbon & Climate Law Review*, Issue 1, 2008, pp. 54-66 (12 pages).
<https://heinonline.org/HOL/Page?handle=hein.journals/cclr2&i>
- Hans Vedder, Anita Rønne, Martha Roggenkamp, and Iñigo del Guayo, “EU Energy Law”, in Martha M. Roggenkamp et al. *Energy Law in Europe: National, EU and International Regulation*, 3rd edn. Oxford University Press, 2016, pp. 344-351 (on carbon capture and storage) (7 pages). In digital compendium.
- RS Haszeldine et al, ‘Negative emission technologies and carbon capture and storage to achieve the

Paris Agreement commitments' (2018) 376 Phil Trans R Soc; (20 pages) available

<https://royalsocietypublishing.org/doi/pdf/10.1098/rsta.2016.04>

- Nigel Bankes, 'The Legal and Regulatory Issues Associated with Carbon Capture and Storage in Arctic States', Carbon & Climate Law Review, Vol. 6, No.1 (2012) pp. 21-32 (11 pages).
<https://search.proquest.com/docview/1026590463/B5CBAD1B>
- D Langlet, 'Safe Return to the Underground? The Role of International Law in Subsurface Storage of Carbon Dioxide' (2009) RECIEL, Vol. 18, Issue 3, 286. (17 pages).
<https://onlinelibrary.wiley.com/doi/10.1111/j.1467-9388.2009.0>
- G Haver and HC Bugge, 'Transboundary chains for CCS: Allocation of rights and obligations between the state parties within the climate regime' (2007) 5 JEEPL 367. (10 pages). <https://heinonline.org/HOL/Page?collection=inty&>
- Tim Dixon, Sean McCoy and Ian Havercroft, 'Legal and Regulatory Developments on CCS' (2015), 40 International Journal of Greenhouse Gas Control 431. (17 pages).
<https://www.sciencedirect.com/science/article/pii/S1750583615>
- Tim Dixon et al, 'International Marine Regulation of CO2 Geological Storage. Development and Implications of Lodon and OSPAR' (2009) 1 Energy Procedia 4503 (8 pages) available
<https://www.sciencedirect.com/science/article/pii/S1876610209>
- IPCC Report on CCS, Summary for Policy Makers, p.1-15 (15 pages) available
https://www.ipcc.ch/site/assets/uploads/2018/03/srccs_wholere
- Hans Vedder, Anita Rønne, Martha Roggenkamp, and Iñigo del Guayo, "EU Energy Law", in Martha M. Roggenkamp et al. Energy Law in Europe: National, EU and International Regulation, 3rd edn. Oxford University Press, 2016, pp. 330-336 (on energy efficiency and energy savings) (6 pages). In digital compendium.

- U. Stecchi et al., *From Smart Grids to Smart Cities: New Challenges in Optimizing Energy Grids*, ISTE Ltd and John Wiley & Sons, Inc, 2017, pp. xvii-xliii (introduction) (26 pages).
<https://onlinelibrary.wiley.com/doi/pdf/10.1002/978111911608>
- Annita Rønne, “Smart Grids and Intelligent Energy Systems: A European Perspective” in Martha M. Roggenkamp et al (eds.), *Energy Networks and the Law: Innovative Solutions in Changing Markets*, Oxford (OUP), 2012, pp. 141-160 (19 pages).
<https://www.oxfordscholarship.com/view/10.1093/acprof:oso/9>
- Barry Barton, “The Law of Energy Efficiency” in Don Zillman, Catherine Redgwell, Yinka Omorogbe, and Lila K. Barrera-Hernández, *Beyond the Carbon Economy: Energy Law in Transition*, Oxford University Press, 2008, pp. 61-81 (20 pages). Available online.
- Banet, Catherine (2018). Prosumer Legislation in Norway: A First Step for Empowering Small Energy Consumers., In Martha Roggenkamp & Catherine Banet (ed.), *European energy law report Volume XII*. Intersentia. ISBN 978-1-78068-672-1. VIII. s 169 – 189 (20 pages). In digital compendium.
- Catherine Banet, “The Use of Market-Based Instruments in the Transition from a Carbon-Based Economy”, in *Beyond the Carbon Economy*, pp. 207 – 230 (24 pages). Available online.
- Kim Talus “Renewable energy disputes in the European Union : An Overview of Current Cases” Marlus nr. 446, pp. 135-155, (20 pages). Available online.
- N. Lavranos and C. Berburg, “Renewable Energy Investment Disputes: Recent Developments and Implications for Prospective Energy Market Reforms” in M. Roggenkamp and C. Banet, *European Energy Law Report XII*, Intersentia, 2018, pp. 65-94, (29 pages). In digital compendium.
- Yulia S. Selivanova, “Changes in Renewables Support Policy and Investment Protection under the Energy Charter Treaty: Analysis of Jurisprudence and Outlook for the Current

	<p>Arbitration Cases” <i>ICSID Review</i>, Vol. 33, No. 2 (2018), pp. 433–455 (22 pages). https://academic.oup.com/icsidreview/article/33/2/433/5087801</p> <ul style="list-style-type: none"> - European Commission guidance for the design of renewables support schemes SWD(2013) 439 final https://ec.europa.eu/energy/sites/ener/files/com_2013_public_i (34 pages) - European Commission guidelines on state aid for environmental protection and energy 2014-2020 (2014/C 200/01) http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX - Norwegian Water Resources and Energy Directorate, and Swedish Energy Agency, The Norwegian-Swedish Electricity Certificate Market: Annual Report 2015 (42 pages) https://beta.nve.no/Media/4750/elcertifikat-2015-en_web.pdf
<p>The total amount of pages in the course/subject before and after the change of syllabus.</p>	<p>JUR-3619 for NOMPEL – 951</p> <p>JUR-3619 as elective course - <u>797</u></p>
<p>Specified explanation if the suggestion differ from the current syllabus norms (cf. syllabus norms specified on the last page):</p>	
<p>Is a gender perspective included in the suggested syllabus, and/or is it gender balance between the authors of the syllabus in the current subject/course?</p>	<p>No gender perspective as the course does not lend itself to such discourse.</p> <p>There is, however, a gender balance between suggested authors.</p>
<p>Any other remarks:</p>	

<p>Overall assessment from avdelingsleder/programansvarlig:</p> <p>Is the suggested change in the syllabus supported by the avdelingsleder/programansvarlig?</p> <p>If the proponent is avdelingsleder/programansvarlig: Do the teachers support the change in the syllabus?</p>	<p>Technically Gunnar is the avdelingsleder covering elective courses.</p> <p><i>Edit by Astrid Bjerke (05.11.20): Gunnar Eriksen is informed and supports the suggested changes as they are sensible and necessary.</i></p> <p>I (Maria Neves) am the teacher in charge of the course and naturally support the changes in the syllabus.</p> <p>The syllabus change also necessitates a change in the subject/course description and/or the learning outcome descriptions:</p> <p>Yes <input type="radio"/> No <input type="radio"/></p>
<p>The administration:</p> <p>If the description of the suggested change in the syllabus is not in accordance with Leganto, the avdelingsleder/programansvarlig must be contacted and correct the suggested change.</p>	<p>The suggested change is in accordance with Leganto and is waiting for approval/ put on hold in Leganto.</p> <p>Yes <input type="radio"/> No <input type="radio"/></p> <p>The suggested change of the syllabus is approved by SU, and is published in Leganto</p> <p>Yes <input type="radio"/> No <input type="radio"/></p> <p>Any changes to the suggestion made by SU shall be mentioned here:</p>

- **Syllabus norms – valid from 2020/2021**
(Norms adopted by Studieutvalget in case SU 62/19 on the 22.11.2019, and in case SU 8/20 on the 31. 01.2020)

Please send the completed template to the person who is administratively responsible for the department.

Administratively responsible for the various departments:

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