



SUSTAINABILITY EDUCATION

Teaching & learning in the face of wicked socio-ecological problems

OVERVIEW OF ACTIVITIES AND OUTPUT (2016-2020)

In-service training

In-service training for practitioners outside UGent

1. Seminar for Ecocampus: “Sustainability in higher education: increasing the capacity of educators and trainers”, Leif Östman & Katrien Van Poeck (15/02/2016)
2. Seminar for educators in Environmental Education centre De Helix: “Inquiry-based and participatory ESD in local communities”, Leif Östman & Katrien Van Poeck (16/02/2016)
3. Lecture for teacher trainers (Arteveldehogeschool): “Duurzaamheidseducatie: een kwestie van feiten of meningen?”, Katrien Van Poeck (12/04/2016)
4. Study visit of a delegation of the Mongolian government at Uppsala University, e.g. on ESE in higher education with Ghent University as an example, Katrien Van Poeck, Leif Östman, David Kronlid & Stefan Bengtsson (26/04/2016)
5. Conference for educators: Ecocampus Inspiration Festival on sustainability education in teacher training with keynote lecture by Leif Östman and workshop ‘Political Moves: How teachers can open-up or close down the space for controversy over sustainability issues’ by Leif Östman & Katrien Van Poeck (16/01/2017)
6. Seminar for educators (Kleur Bekennen): “Pedagogische inspiratie voor wereldburgerschapseducatie”, Katrien Van Poeck (31/01/2017)
7. Workshops in the context of the project ‘Education for Sustainable Development for all in Mongolia’, Ulaanbaatar, Leif Östman & Katrien Van Poeck (11-18/02/2017):
 - Workshop “Transition pathways to more sustainable universities” for university leaders
 - Workshop “ESD and teacher training” for teacher trainers
 - Workshop “The social dimension of ESD” for teacher trainers and social workers
 - Workshop “Towards a sustainability transition strategy for Otgontenger University” for professors and heads of department
 - Workshop “Embedding sustainable development in education in Otgontenger University” for professors and heads of department
8. Workshops on “Embedding sustainability in teacher training” for an in-service training course for teacher trainers, Quito, Ecuador, Katrien Van Poeck & Leif Östman (07-15/12/2017):
 - What is Education for Sustainable Development (ESD)? An introduction
 - Sustainability literacy
 - Locally relevant ESD teaching
 - Three teaching traditions in ESD
 - How to integrate ESD in subject teaching?
 - Participatory ESD teaching methods
 - Embedding ESD in the curriculum
 - Teaching and learning about wicked socio-ecological problems
9. Lecture for educators: “Teaching, researching and developing business education for sustainability”, Pernilla Andersson, Ecocampus Learning Network on Sustainability in Economics/Business administration (09/03/2018)

10. Workshops for university teachers at the “Future Forward Summit on sustainable higher education” organised by Ecocampus, Maarten Deleye & Ellen Vandenplas (17/10/2018)
 - Transforming university education in the face of sustainability issues (Ellen Vandenplas)
 - “System analyses sustainable higher education in Flanders” (Maarten Deleye)
11. Conference for educators and policymakers “Environmental and sustainability education in the Benelux countries: Research, policy and practices at the intersection of education and societal transformation” organised in collaboration with the Benelux union, Brussels, (22/11/2018)
12. Workshops on sustainability education for teacher trainers, Cuenca, Ecuador, Katrien Van Poeck & Leif Östman (13-15/02/2019)
 - ESE teaching methods
 - ESE learning outcomes
 - LORET – Locally Relevant Teaching
 - Teacher move analysis
13. Book launch ‘Sustainable Development Teaching: Ethical and Political Challenges’ for teacher trainers, Flemish government, Ghent (14/11/2019), with lectures/workshops on:
 - Principles for sustainability teaching
 - Qualification, socialisation and person formation
 - Three selective traditions
 - Transactional theory of sustainability teaching and learning
 - Sustainability and wicked sustainability problems
 - Classroom discussions on sustainability issues
 - Teacher moves: Political moves
 - Teacher moves: Ethical moves
 - Handling political emotions in the classroom
 - Values clarification exercises and Forum Play
14. Workshop Locally Relevant Teaching for primary school teachers (28/10/2019)
15. Workshop Locally Relevant Teaching for MOS coaches Flemish government (19/11/2019)
16. Workshop Locally Relevant Teaching for secondary school teachers (10/12/2019)
17. Workshop Locally Relevant Teaching for educators Provinciaal Natuurcentrum Limburg (13/12/2019)
18. Workshop Locally Relevant Teaching for primary school teachers (28/10/2019)
19. Workshop Locally Relevant Teaching for secondary school teachers (20/12/2019)
20. Workshop on learning in sustainability transitions for adult educators ‘t Uilekot (20/12/2019)
21. Workshop Locally Relevant Teaching for primary school teachers (23/12/2019)
22. Workshop Locally Relevant Teaching for secondary school teachers (30/01/2020)
23. Workshop Locally Relevant Teaching for primary school teachers (03/03/2020)
24. Workshop Locally Relevant Teaching for primary school teachers (27/08/2020)

In-service training for UGent educators

1. Lecture for university teachers (UGent): “Sustainable development in the faculty of natural sciences”, Katrien Van Poeck (18/05/2016)
2. Workshop for university teachers (UGent): “Duurzaamheid in onderwijs”, UGent Onderwijsdag, Katrien Van Poeck, Michel De Paepe & Brent Bleys (23/05/2017)
3. SEDwise network meeting in Uppsala: “Universities as laboratories for a sustainable world/city” (30/05-01/06/2017), with trainings/workshops for (UGent) university teachers on:
 - Lecture Student-Led Education for a Better World: An introduction to CEMUS’ philosophy and way of working
 - Exploring CEMUS-course “The Global Economy – Environment, Development and Globalisation”
 - Exploring CEMUS-course “Climate Change Leadership – Power, Politics and Culture”
 - Exploring CEMUS-course “Sustainable Development – Project Management and Communication”
 - Exploring CEMUS-course “Technology, power and the future of humanity”

- Study visit: Kollaboratoriet Uppsala – a space for possibility
 - Workshop: “Teaching and learning in a laboratory spirit – How to organise active student participation”
 - Workshop: “Educating Responsible Business Persons: Textbooks, learning outcomes, teachers’ actions and classroom practices”
4. Workshop for university teachers (UGent): “Duurzaamheid en internationalisering: een potentieel sterk duo”, UGent Onderwijsdag, Frederik De Decker en Ellen Vandenplas (18/05/2018)
 5. Lecture for university teachers at the Faculty of Economics and Business Administration “Sustainability in our education”, Ellen Vandenplas en Thomas Block (8/09/2018)
 6. Workshop “Sustainability” at the event “Be Change” at the faculty of psychology and educational sciences, Katrien Van Poeck & Ellen Vandenplas (28/09/2018)
 7. Learning network for university teachers (UGent): “Duurzame ontwikkeling in mijn vak”, Ellen Vandenplas, Katrien Van Poeck & Thomas Block (19/11/2018)
 8. Learning network for university teachers (UGent): “Duurzame ontwikkeling in mijn vak”, Ellen Vandenplas, Katrien Van Poeck & Thomas Block (25/02/2019)
 9. Book launch “Sustainable Development Teaching: Ethical and Political Challenges”, Katrien Van Poeck, Leif Östman, Johan Öhman, Thomas Block, Pernilla Andersson, et al. (13/11/2019), with lectures/workshops for (UGent) university teachers on:
 - Principles for sustainability teaching
 - Qualification, socialisation and person formation
 - Three selective traditions
 - Sustainability and wicked sustainability problems
 - Classroom discussions on sustainability issues
 - Teacher moves: Political moves
 - Teacher moves: Ethical moves
 - Handling political emotions in the classroom
 - Values clarification exercises and Forum Play
 10. Workshop “Wicked problems in engineering education”, Johanna Lönngrén, Ellen Vandenplas et al. (01/03/2019)
 11. Lecture for university teachers at the Faculty of Law “Sustainability in our education”, Ellen Vandenplas (22/03/2019)
 12. Lecture for university teachers at the faculty of Psychology and Educational Science “Sustainability in our education”, Ellen Vandenplas (23/09/2019)
 13. Inspiration and network event for university teachers “sustainability in education at Ghent University”, Thomas Block, Ellen Vandenplas, Michiel Dehaene, Brent Bleys, Francesca Ostuzzi, Stef Craps, et al. (23/03/2020 – *cancelled because of Corona*) with lectures/workshops on:
 - Teaching the ABCs of sustainability. A concrete lecture for inspiration.
 - A learning line ‘sustainability’ in the curriculum. Learning from the Law degree program.
 - Transdisciplinary master’s theses on sustainability issues. Learning from the City Academy.
 - The ‘living lab’ philosophy in my profession. Learning from a pilot project on Campus Sterre.
 - Interdisciplinary collaboration on ‘Sustainability’ from different subjects. Learning from a project ‘Internationalization @ home’.
 - Co-creation on a real-life sustainability case. Learning from the Ecodesign challenge.
 - How to apply academic knowledge in a concrete social context? Learning from Community Service Learning (CSL).
 - Student-led education on sustainability. Learning from CEMUS.
 - ‘Imagining Climate Change’. Learning a subject in the master’s degree program in Language and Literature.
 - Integrate the basis of sustainability thinking into courses. Learning from the Commercial Sciences and Law degree program.

Seminars and workshops for university teachers (UGent) related to pilot experiments (see below)

Pilot experiment Business Administration:

1. "Sustainable development in the BA/MA in Business Administration: Self-assessment", Thomas Block, Brent Bleys & Katrien Van Poeck (18/01/16)
2. "Sustainable development in the BA/MA in Business Administration: Vision and goals", Brent Bleys & Katrien Van Poeck (13/04/16)
3. "Sustainable development in the BA/MA in Business Administration: Action plan", Brent Bleys & Katrien Van Poeck (07/09/16)
4. "Sustainable development in the BA/MA in Business Administration: Recommendations Education programme commission", Brent Bleys & Katrien Van Poeck (19/10/16)
5. "Equipped for responsibility in light of uncertainty and complexity? Studies of business education for sustainability", Pernilla Andersson, Brent Bleys, Saskia Crucke, Katrien Van Poeck & Jeppe Læssøe (07/03/2018)

Pilot experiment Electro-mechanical Engineering:

6. "Sustainable development in electro-mechanical engineering", Katrien Van Poeck, Michel De Paepe & Thomas Block (04/03/2016)
7. "Sustainability education in electro-mechanical engineering", Johanna Lönngren, Thomas Block, Michel De Paepe, Katrien Van Poeck (29/11/2016)
8. "Sustainability in electro-mechanical engineering: A survey for alumni and industrial partners", Katrien Van Poeck, Maarten Deleye, Michel De Paepe (15/05/2017)
9. "Sustainable Engineering Practice: Selecting teaching content with the framework of the Sustainable Development Goals", Maarten Deleye, Katrien Van Poeck & Michel De Paepe (04/09/2017)
10. "Selecting teaching content for embedding sustainability in Electromechanical Engineering", Maarten Deleye, Katrien Van Poeck & Michel De Paepe (27/10/2017)
11. "Embedding sustainability in engineering education: inspiring examples", Maarten Deleye, Katrien Van Poeck & Michel De Paepe (07/11/2017)
12. "Learning line sustainability in Electro-mechanical Engineering", Maarten Deleye, Katrien Van Poeck & Michel De Paepe (17/11/2017)
13. Course re-design workshop 'Vakoverschrijdend Project', Katrien Van Poeck & Michel De Paepe (24/09/2018)
14. Course re-design workshop 'Vakoverschrijdend Project', Katrien Van Poeck & Michel De Paepe (26/09/2018)
15. Course re-design workshop 'Vakoverschrijdend Project', Katrien Van Poeck & Michel De Paepe (07/11/2018)
16. Course re-design workshop 'Vakoverschrijdend Project', Katrien Van Poeck & Michel De Paepe (14/11/2018)
17. Course re-design workshop 'Vakoverschrijdend Project', Katrien Van Poeck & Michel De Paepe (23/01/2019)
18. Workshop "Sustainable Engineering Practice", Katrien Van Poeck & Michel De Paepe (20/02/2019)
19. Workshop "Sustainable Engineering Practice", Katrien Van Poeck & Michel De Paepe (04/04/2019)

Pilot experiments Social Work:

20. Workshop "Sustainability" in the Social Work programme, Katrien Van Poeck & Ellen Vandenplas (29/01/2019)
21. "Sustainability" in the Social Work programme, Katrien Van Poeck & Ellen Vandenplas (26/05/2019)
22. Workshop "Sustainability" in the Social Work programme, Ellen Vandenplas (7/08/2019)

23. Workshop on new course 'Actuele vraagstukken in sociaal werk', Ellen Vandenplas en Thomas Block (7/10/2019)
24. Workshop on new course 'Actuele vraagstukken in sociaal werk', Ellen Vandenplas en Thomas Block (18/11/2019)
25. Workshop on new course 'Actuele vraagstukken in sociaal werk', Ellen Vandenplas en Thomas Block (14/01/2020)
26. Workshop "Sustainability" in the Social Work programme, Ellen Vandenplas (29/06/2020)
27. Workshop "Sustainability" in the Social Work programme, Ellen Vandenplas (25/09/2020)

Pilot experiments Economics, Business Economics, Business Engineering and Public Administration:

28. Workshop "Sustainability" in the programmes of Economics, Business Economics, Business Engineering and Public Administration and Management, Ellen Vandenplas, (30/03/2018)
29. Workshop "Sustainability" in the programme of Business Economics, Ellen Vandenplas (21/12/2018)
30. Workshop "Sustainability" in the programme of Business Engineering, Ellen Vandenplas (28/06/2018)
31. Workshop "Sustainability" in the programme of Public Administration and Management, Ellen Vandenplas (25/06/2018)
32. Workshop "Sustainability" in the programmes of Economics, Business Economics, Business Engineering and Public Administration and Management, Ellen Vandenplas, (4/12/2019)

Educational policy at the Faculty of Economics and Business Administration

33. Workshop for policy makers and university teachers "Sustainability" in the educational policy of the Faculty of Economics and Business Administration, Ellen Vandenplas (30/11/2018)
34. Workshop for policy makers and university teachers "Sustainability" in the educational policy of the Faculty of Economics and Business Administration, Ellen Vandenplas (07/02/2019)
35. Workshop for policy makers and university teachers "Sustainability" in the educational policy of the Faculty of Economics and Business Administration, Ellen Vandenplas (19/03/2019)
36. Workshop for policy makers and university teachers "Sustainability" in the educational policy of the Faculty of Economics and Business Administration, Ellen Vandenplas (15/05/2019)
37. Workshop for policy makers and university teachers "Sustainability" in the educational policy of the Faculty of Economics and Business Administration, Ellen Vandenplas (01/07/2019)

Pilot experiment Environmental Technology programme:

38. Workshop "Sustainability" in the Environmental Technology programme, Ellen Vandenplas (31/01/2020)

Pilot experiment Bio-engineering Sciences programme:

39. Workshop "Sustainability" in the Bio-Engineering sciences, Ellen Vandenplas (4/09/2020)
40. Workshop "Sustainability" in the Bio-Engineering sciences, Ellen Vandenplas (10/11/2020)

Pilot experiment Industrial Sciences: Electro-mechanics programme:

41. Workshop "Sustainability" in industrial sciences (Electro-mechanics), Ellen Vandenplas (14/02/2018)
42. Workshop "Sustainability" in industrial sciences (Electro-mechanics), Ellen Vandenplas (01/03/2018)
43. Workshop "Sustainability" in industrial sciences (Electro-mechanics), Ellen Vandenplas (17/04/2018)
44. Workshop "Sustainability" in industrial sciences (Electro-mechanics), Ellen Vandenplas (30/08/2018)
45. Workshop "Evaluating sustainability" in industrial sciences (Electro-mechanics), Johanna Lönngren (01/03/2019)
46. Workshop "learning line Sustainability" in industrial sciences (Electro-mechanics), Ellen Vandenplas (15/05/2018)

47. Workshop “bachelor thesis Sustainability” in industrial sciences (Electro-mechanics), Ellen Vandenplas (30/06/2019)
48. Workshop “bachelor thesis Sustainability” in industrial sciences (Electro-mechanics), Thomas Block en Ellen Vandenplas (21/08/2019)

Pilot experiment Industrial Design programme:

49. Workshop “Sustainability” in Industrial Design, Ellen Vandenplas (8/07/2020)
50. Workshop “Sustainability” in Industrial Design, Ellen Vandneplas (22/10/2020)

Pilot experiment Law programme:

51. Workshop “Sustainability” in the Law programme, Ellen Vandenplas, (4/12/2018)
52. Workshop “Sustainability” in the Law programme, Ellen Vandenplas, (27/02/2018)
53. Workshop “Sustainability” in the Law programme, Ellen Vandenplas (22/03/2018)
54. Workshop “Sustainability” in the Law programme, Ellen Vandenplas (27/04/2018)
55. Workshop “Sustainability” in the Law programme, Ellen Vandenplas (28/11/2018)
56. Workshop “learning line Sustainability” in the Law programme, Ellen Vandenplas (14/01/2019)
57. Workshop “learning line Sustainability” in the Law programme, Ellen Vandenplas (17/04/2019)
58. Workshop “learning line Sustainability” in the Law programme, Ellen Vandenplas (05/09/2019)
59. Workshop “learning line Sustainability” in the Law programme, Ellen Vandenplas (25/10/2019)
60. Workshop “learning line Sustainability” in the Law programme, Ellen Vandenplas (5/02/2020)
61. Workshop “learning line Sustainability” in the Law programme, Ellen Vandenplas (12/06/2020)

Pilot experiment Political Sciences programme:

62. Workshop “Sustainability” in the Political Sciences programme, Ellen Vandenplas en Thomas Block (12/02/2020)

Public lectures and participation in debates and discussions

1. Lecture for researchers (ILVO): “Wiens duurzaamheid telt? Over het politieke karakter van complexe sociaal-ecologische kwesties”, Thomas Block (18/04/2016)
2. Transitie UGent: Round table discussion about sustainability in UGent education, Thomas Block & Katrien Van Poeck (28/06/2016)
3. Meeting U4-network: “Peer review sustainability”, Thomas Block & Katrien Van Poeck (15-16/08/2016)
4. Workshops for students and university staff: “Dare to think Sustainable: agro-food-environment, how do we contribute to global solutions?” – in collaboration with CESAM (Central and South America Platform), GAP (Africa Platform of Gent University Association) & ASEANplus (South East Asia Platform), Thomas Block & Katrien Van Poeck (17/10/2016)
5. Lecture postgraduaat Duurzame Ontwikkeling (Vives + Howest): “Duurzame ontwikkeling... Keep it complex!” (27/10/2016)
6. Meeting U4 Student Network on a.o. Sustainability in education, Thomas Block (21/11/2016)
7. Transitie UGent: Round table discussion about the Sustainable Development Goals in university initiatives, Thomas Block & Katrien Van Poeck (25/11/2016)
8. Workshop: The Sustainable Development Goals @UGent, Thomas Block, Katrien Van Poeck, Maarten Deleye & Saskia Crucke (21/02/2017)
9. Studium Generale Sustainable University:
 - Session 1: “Keep it complex! Towards a sustainable 21st century university” with keynote by SEDwise partner Leif Östman (22/03/2017)
 - Session 2: “Duurzaamheidsuitdagingen en de academische verantwoordelijkheid” (29/03/2017)
 - Session 3: “Universiteit Gent: Eilandcultuur of open samenwerking?” with keynote by SEDwise partner Michiel Dehaene (19/04/2017)
 - Session 4: “Transitie UGent Deluxe – Toekomstscenario’s voor een duurzame universiteit” (26/04/2017)

10. Transitie UGent with e.g. round table discussions about sustainability in UGent education and research, Thomas Block, Katrien Van Poeck & Erik Paredis (27/06/2017)
11. Presentation SEDwise at UGent International Day, Katrien Van Poeck (10/2017)
12. Workshop sustainability education at the kick-off of student initiative 'Making Tomorrow', Thomas Block, Katrien Van Poeck & Maarten Deleye (08/11/2017)
13. Transitie UGent with e.g. round table discussions about sustainability in UGent education and research, Thomas Block, Katrien Van Poeck, Erik Paredis & Michiel Dehaene (14/11/2017)
14. Transitie UGent with e.g. round table discussions about sustainability in UGent education and research Thomas Block, Katrien Van Poeck, Erik Paredis & Jeppe Læssøe (20/02/2018)
15. Presentations about the memorandum Transitie UGent at "Gala van de duurzame Universiteit", Thomas Block, Katrien Van Poeck (03/05/2018)
16. Presentation Ecocampus Commission "Duurzaamheid in Hoger Onderwijs", Katrien Van Poeck & Maarten Deleye (28/02/2019)
17. Presentation about the results of the pilot projects at the Sustainability Commission UGent, Thomas Block en Ellen Vandenplas (16/05/2019)
18. Presentation Ecocampus Commission "Duurzaamheid in Hoger Onderwijs", Thomas Block en Ellen Vandenplas (26/06/2019)
19. Lecture "Environmental and sustainability Education: The importance of locally relevant teaching". Universidad Nacional de Educación, Cuenca, Ecuador, Katrien Van Poeck & Leif Östman (13/02/2019)
20. Presentation about "ways to foster the integration of sustainability in educational programmes at Ghent University" at the Sustainability Commission UGent, Thomas Block en Ellen Vandenplas (17/09/2019)
21. Lecture " Science education for action and engagement towards sustainability: A challenge for schools", Oslo, Norway, Katrien Van Poeck & Leif Östman (02/10/2019)
22. Lecture "Ethical and political moves. How teachers can open up a space for articulating and experiencing the ethical and political dimension of sustainability issues", Goethe University, lecture series 'Education for Sustainable Development', Frankfurt, Germany, Katrien Van Poeck (28/01/2020)
23. Lecture "Developing sustainability through school-community collaborations", UNAE Galápagos, Santa Cruz, Katrien Van Poeck & Leif Östman (27/02/2020)
24. Presentation of the Ghent Urban Academy at the EUniverCities Network ONLINE Meeting 'How city & university can address societal challenges', organized by Université de Lausanne in Switzerland (Thomas Block and Charlotte Prové, 18/11/2020)
25. Workshop 'Birth-conception-triggering of Collaboration between Universities and Cities' at the EUniverCities Network ONLINE Meeting 'How city & university can address societal challenges', organized by Université de Lausanne in Switzerland (Thomas Block, 18/11/2020)
26. Hosting the workshop "Education for Sustainable Development and the Grand Transformation" at the online conference "United in Diversity A Europe of Sustainability – Challenges and Perspectives", Göttingen University (19-20/11/2020)

Consultancy

External consultancy

1. Advice for setting the policy agenda of the Flemish Government: Policy seminar "Implementing UNESCO's Global Action Programme (GAP) for ESD in Flanders", Katrien Van Poeck (14/04/2016)
2. Advice for policymakers on the GAP coordination: "Implementing international ESD policy in Flanders and Sweden", Stefan Bengtsson & Katrien Van Poeck (18-19/04/2016)
3. Advice for Ecocampus, Flemish government, on capacity building for teachers in higher education: Expert panel "Proeftraject professionalisering EDO voor docenten", Katrien Van Poeck (meetings on 30/08/2016; 14/10/2016; 18/04/2017; 16/05/2017; 05/09/2017; 16/10/2017; 07/05/2018; 05/07/2018)

4. Advice for Ecocampus, Flemish government: “Leiderschap voor duurzaam hoger onderwijs”, Thomas Block & Katrien Van Poeck (26/09/2016)
5. Advice for further embedding sustainability in education, research and operations at the university college Arteveldehogeschool, Katrien Van Poeck & Bea Merckx (11/2016)
6. Review of practitioner-oriented publication “Educatie voor duurzame ontwikkeling: kader voor het basisonderwijs” (Djapo vzw), Katrien Van Poeck (21/11/2016)
7. Advice for setting the policy agenda of the Flemish Government: Policy seminar “Sustainability education in teacher training”, Leif Östman, Katrien Van Poeck & Bea Merckx (16/01/2017)
8. Advice for the Flemish Government on a three-day course on sustainability education for practitioners, Katrien Van Poeck & Maarten Deleye (07/02/2017)
9. Advice on ‘Sustainability, education and the commons’ for Elke Decruyenaere, alderman for education, Ghent:, Thomas Block, Maarten Deleye & Katrien Van Poeck (19/09/2017)
10. Advice for Vormingplus and Socius on their policy planning, Katrien Van Poeck (27/09/2018)

Consultancy within UGent

1. Advice for students UGent 1010 on embedding (student-led) sustainability education in UGent, Katrien Van Poeck (02/03/2017)
2. Advice for internship student Green Office Ellen Vandeweghe: Sustainability in UGent, Katrien Van Poeck (11/04/2017)
3. Advice for student Green Office on student-led education, Ellen Vandenplas (07/11/2018)
4. Advice concerning ‘education tips’ of DOWA: <https://onderwijstips.ugent.be/nl/tips/duurzaamheid-als-beleidsthema/>, Ellen Vandenplas en Thomas Block (several meetings in 2019-2020)
5. Advice for the vice-rector, Geert De Soete and/or DOWA on the University-wide Policy Strategy ‘Sustainability Education’ (UBK Duurzaamheid), Thomas Block (several meetings in 2019-2020)
6. Advice for the rector, DOWA and DOZA on a vision related to SDG’s in Education & Research at UGent. <https://www.ugent.be/intranet/nl/op-het-werk/onderzoek-onderwijs/onderzoek/impact/maatschappelijke-valorisatie/sdg>, Thomas Block (several meetings in 2019-2020)
7. Advice on the chapter of education in the Sustainability Report of UGent 2020, Thomas Block, Ellen Vandenplas, Katrien Van Poeck (several meetings in 2020)
8. Advice on the website Sustainability Policy at UGent (parts on education): <https://www.ugent.be/nl/univgent/waarvoor-staat-ugent/duurzaamheidsbeleid>, Thomas Block (several meetings in 2019-2020)
9. Advice on ‘sustainability and CSL at Ghent University’, Thomas Block en Ellen Vandenplas (Steering Committee meetings on 13/05/2019; 07/10/2020; 06/01/2020)
10. Advice on ‘transdisciplinarity University of Ghent, Ellen Vandenplas en Thomas Block (Working group meetings on 07/05/2020; 30/06/2020; 29/09/2020)
11. Advice on ‘online learning trajectory sustainability in education’, Leen Van Gijssel, Ellen Vandenplas en Thomas Block (12/05/2020)
12. Steering committee ‘UBK duurzaamheid’ at the faculty of Law and Criminology’, Thomas Block en Ellen Vandenplas (4/09/2019; 20/10/2020)
13. Steering committee ‘UBK duurzaamheid’ at the faculty of Bioscience Engineering’ Thomas Block en Ellen Vandenplas (20/08/2020; 26/10/2020)
14. Steering committee ‘UBK duurzaamheid’ at the faculty of Political and Social Sciences’, Thomas Block en Ellen Vandenplas (10/09/2019; 26/10/2020)
15. Steering committee ‘UBK duurzaamheid’ at the faculty of Engineering and Architecture, Thomas Block en Ellen Vandenplas (3/09/2019)
16. Steering committee ‘UBK duurzaamheid’ at the faculty of Economics and Business, Thomas Block en Ellen Vandenplas (12/09/2019; 07/10/2019)
17. Steering committee ‘UBK duurzaamheid’ at the faculty of Psychology and Educational Sciences, Thomas Block en Ellen Vandenplas (3/09/2019; 29/10/2020)

Research workshops and seminars

1. Research seminar: “Pragmatist frameworks for sustainability (education) research” (22/01/2016)
2. Research seminar: “(U)Gent-Platform Duurzame Steden” (22/01/2016)
3. Preparatory seminar research project application Swedish Research Council “Education for Sustainable Development in Swedish Teacher Education” (14/03/2016)
4. Preparatory seminar research project application FORMAS “Wicked problems and educative spaces for urban sustainability transition” (15-16/03/2016)
5. SEDwise kick-off meeting, Ghent (1-3/06/2016), with seminars on:
 - Joint symposium for the ECER-conference: ‘Teaching and learning in the face of wicked socio-ecological problems’
 - Teaching and learning in the face of wicked sustainability issues within Ghent University education: on-going initiatives/experiments, challenges and future ambitions
 - Linking international sustainability education research and UGent education: how can this ITN progress sustainability education @UGent? How can UGent pilot experiments serve as a ‘living lab’ for sustainability education research?
 - Bridging gaps between theory and practice/policy
6. Research seminar: “Assessing students’ reflections on wicked sustainability problems” (30/11/2016)
7. Online research seminar: “Investigating experiential learning in urban sustainability transition initiatives: focus, theoretical background and objectives of the project” (01/03/2017)
8. Kick-off symposium scientific research network (FWO-WOG) ‘Public pedagogy and sustainability challenges’, Ghent (22-24/03/2017), with seminars on:
 - The place of democracy in the three selective traditions of EE/ESD + investigating pluralism in practice (social media discussions and classroom discussions)
 - Turning diversity into solidarity: an interventionist perspective
 - Bildung and sustainable development in Danish Folk High Schools
 - What if we are wrong?: university, public methodologies and collective study
 - Paideia and the Search for Freedom in the Educational Formation of the Public of Today
 - Silence a Matter of Public Concern: Reconsidering Critical Environmental and Sustainability Education
 - Urban sustainability transitions: Political spaces and/or educative spaces?
 - Exploring and discussing prospects for the future of this Scientific Research Network
9. Online research seminar: “Investigating experiential learning in urban sustainability transition initiatives: the potential of the concept ‘institutional void’” (28/03/2017)
10. Online research seminar: “Investigating experiential learning in urban sustainability transition initiatives: selection of information-rich cases” (26/04/2017)
11. Research seminar: “Investigating experiential learning in urban sustainability transition initiatives: conceptual framework, analytical methods for empirical analyses, planning” (03/05/2017)
12. Research seminar: “Transformative learning in the context of sustainability issues” for the research group SEED – ‘Socio-Économie, Environnement et Développement’, Environmental Sciences and Management Department of the University of Liège, campus Arlon (10/05/2017)
13. SEDwise network meeting in Uppsala: “Universities as laboratories for a sustainable world/city” (30/05-01/06/2017), with seminars on:
 - Design workshop: Towards an “Urban Academy for Sustainability Issues” @GhentUniversity
 - Reading seminar: “From active citizenship to world citizenship: A proposal for a world university” (J. Masschelein & M. Simons)
 - “Preparing university teachers for addressing wicked socio-ecological problems as matters of public concern”
 - Exploring collaboration on writing projects
 - Exploring opportunities to foster fruitful links with existing, related research networks and projects
14. Research seminar: “Living labs and sustainability challenges” (15/06/2017)

15. Special Issue workshop: “Learning in sustainability transitions”, Gothenburg (22/06/2017)
16. Research seminar on “Experiential learning in sustainability experiments”: case study methodology (10-13/10/2017)
17. Research seminar with authors book project “Teaching Sustainable Development: Ethical and political challenges”, Örebro (21-22/11/2017)
18. Symposium: “Public Pedagogy and Sustainability Challenges”, Ghent (10-12/01/2018), with seminars on:
 - ‘Public Pedagogy: An exploration of literature’
 - Reading seminars: ‘Mapping the Complexity of Public Pedagogy Scholarship: 1894–2010’ (Sandlin et al. 2011) and ‘Becoming public: public pedagogy, citizenship and the public sphere’ (Biesta 2012)
 - Workshop: ‘Towards a glossary and research agenda on public pedagogy and sustainability issues’: ‘Key concepts on public pedagogy and sustainability issues’, ‘Identifying research challenges’
 - ‘Dark Pedagogy’
 - ‘Public pedagogy as public togetherness: the city as a shared room’
 - Excursion: Exploring public pedagogy and sustainability issues in Ghent (in collaboration with The Urban Academy)
19. Focus group “Systeemanalyse duurzaam hoger onderwijs in Vlaanderen” (15/01/2018)
20. Research workshop: “Methodologies for researching business education for sustainability” (08/03/2018)
21. Participation of a group of SEDwise partners in the Invitational seminar on environmental education research, Stellenbosch, South-Africa (21-25/03/2018)
22. Editors’ seminar on book “Sustainable Development Teaching: Ethical and Political Challenges”, Sigtuna, Sweden (14-18/05/2018)
23. Research seminar experiential learning in urban sustainability transitions: case studies, Uppsala, Sweden (11-13/06/2018)
24. Research seminar “Studies of Meaning-making in Educational Discourse”, Örebro (14/06/2018)
25. Focus group pilot projects embedding sustainability in the curriculum of electromechanical engineering, business administration and law at Ghent University (10/07/2018)
26. Preparatory seminar research project application Swedish Research Council: “Learning in and for sustainability transitions”, Bolzano, Italy (08-09/09/2018)
27. Preparatory seminar research project application H2020-SWAFS (Science with and for Society), “Science education for action and engagement towards sustainability”, Oslo (17-20/09/2018)
28. Preparatory seminar research project application Flemish government “Climate change in higher education” (03/10/2018)
29. Editors’ seminar book “Sustainable Development Teaching: Ethical and Political Challenges”, Örebro, Sweden (12-17/11/2018)
30. Symposium “Public pedagogy and sustainability challenges: Activism, Action, and Change”, Maynooth University, Ireland (27-30/11/2018)
31. Research seminar “Manners of teaching in controversial sustainability issues” (21/01/2019)
32. Experiential learning in sustainability transition experiments: a case study. Seminar Studies of Meaning-making in Educational Discourses, Uppsala, Sweden, 24 April 2019
33. Seminar “Sustainable development teaching: ethical and political challenges”, Örebro University, higher seminar School of Humanities, Education and Social Sciences, Örebro, Sweden (25/09/2019)
34. Paper seminar “Despite Good Intentions: Discursive Construction of Ethical Reflection as Unimportant in an Introductory Engineering Course” (12/03/2019)
35. Seminar with Zennström Chair Climate Change Leadership, “Sustainability in higher education – cases of CEMUS and UGent” (36/03/2019)
36. Empirical research seminar case study experiential learning and sustainability transitions (22-24/04/2019)
37. Online research seminar “Manners of teaching in controversial sustainability issues” (03/05/2019)
38. Online research seminar “Manners of teaching in controversial sustainability issues” (24/05/2019)

39. Research seminar “Mapping the role of the university in relation to sustainability issues”, Uppsala (03/06/2019)
40. Seminar in Workshop Series “Educating Future Change Agents”, Leuphana University, Lüneburg, Germany (18-19/06/2019)
41. Methodological seminar: analytical methods training for the project “Climate change in higher education” (14/08/2019)
42. Preparatory seminar research project application ERC Starting Grant (06-07/09/2019)
43. Kick-off meeting “Science Education for Action and Engagement towards Sustainability”, Oslo (02-04/10/2019)
44. Participation of a group of SEDwise partners in the 5th Swedish Pragmatism Colloquium on Education & Transaction (08-09/10/2019)
45. Paper seminar “Learning to find a way out of a non-sustainable food system” (06/11/2019)
46. SEDwise network meeting in Copenhagen “Co-creating better sustainability education at the university” (27-29/11/2019), with seminars on:
 - Integrating sustainability in Copenhagen University
 - Designing and sharing lesson plans for university education about sustainability issues – Exploring possibilities for collaboration through concrete examples
 - Using case studies for co-creating better sustainability education – Exploring possibilities for collaboration through an example (climate change in higher education)
 - Podcast workshop: “Integrating sustainability in the university”
 - Invitational seminar environmental and sustainability education research in 2020 in Ghent
47. Meeting “Science Education for Action and Engagement towards Sustainability”, Tallinn: Focus on developing a shared pool of concepts and tools (03-04/12/2019)
48. Doctoral seminar “Climate change education in higher education” (11/12/2019)
49. Research seminar: Selecting a sample of CEMUS courses for case studies (08/01/2020)
50. Online SMED (Studies of Meaning-making in Educational Discourse) research seminar: “Analysing the co-construction of meaning (04/02/2020)
51. Online SMED research seminar: Paper seminar “Educative practices for urban sustainability transitions” (10/03/2020)
52. Online SMED research seminar: Empirical research seminar “Action competence in antimicrobial resistance education” (26/03/2020)
53. Online SMED research seminar: Methodological seminar: “Learning to find a way out of the Corona crisis. Exploring methodological possibilities and challenges for empirical studies of diaries” (28/04/2020)
54. Online reading seminar: “Turning a city into a milieu of study” (Masschelein) (07/05/2020)
55. Online SMED research seminar: Empirical research seminar “Climate change in higher education: Case studies” (26/05/2020)
56. Online SMED research seminar: Paper seminar: “Movement Learning and Pupils’ Artistic Expression – Analysing Situated Artistic Relations” (15/09/2020)
57. Online SMED research seminar: Reading seminar: Dewey’s “Art as Experience” (29/09/2020)
58. Online meeting “Science Education for Action and Engagement towards Sustainability”: Focus on local assessment of open schooling experiments (6-7/10/2020)
59. Online SMED research seminar: Paper seminar: “A pragmatic research methodology and an ecology for research and innovation” (13/10/2020)
60. Online research seminar “Manners of teaching in controversial sustainability issues” (04/11/2020)
61. Online SMED research seminar: Paper seminar: “What can we learn from COVID-19 as a form of public pedagogy?” (08/12/2020)

Joint conference contributions

At the European Conference on Educational Research (ECER), Dublin, Ireland (22-28/08/2016):

1. Symposium “Teaching and Learning in the Face of Wicked Socio-Ecological Problems” - Part I: “Exploring Theoretical and Methodological Frameworks”

2. Symposium “Teaching and Learning in the Face of Wicked Socio-Ecological Problems” - Part II: “Contributions from empirical research”, Katrien Van Poeck, Thomas Block, Gert Goeminne, Leif Östman, David O. Kronlid, Jeppe Læssøe, Jonas Lysgaard, Elsa Lee, Marcia McKenzie, Alan Reid, Stefan Bengtsson & Michael Håkansson

At the conference “Dewey's 'Democracy and Education': 100 years on”, the University of Cambridge:

3. Symposium: “A transactional perspective on meaning-making”, Katrien Van Poeck, Thomas Block, Leif Östman, Johan Öhman, Elsa Lee & Michael Håkansson (28/09-01/10/2016)

At the International Sustainability Transitions Conference, Gothenburg (19-21/06/2017):

4. Participation in dialogue session on “Understanding learning for governing sustainability transitions”, Heila Lotz-Sisitka, Katrien Van Poeck & Leif Östman

At the European Conference on Educational Research, Copenhagen, Denmark (21-25/08/2017):

5. Explorative ESE walk through Vesterbro, organised by Jeppe Læssøe, Jonas Lysgaard and others.
6. Symposium “At the intersection of educative and political spaces. The public role of universities in the face of sustainability challenges.” Maarten Deleye, Katrien Van Poeck, Thomas Block, Leif Östman, Jeppe Læssøe, Jonas Lysgaard
7. Round table “Environmental and Sustainability Education Research in the context of the Sustainable Development Goals: global policy initiatives and national policy impacts.”, Elsa Lee, Arjen Wals, Stefan Bengtsson et al.
8. Round table “Summer Schools as a means to support Early Career Researchers in ESE: past experiences and future steps.”, Elsa Lee, Stefan Bengtsson, et al.
9. Symposium “A Transactional Perspective On Environmental And Sustainability Education Research”. Part I: “Focus On Pragmatic Ethics” & Part II: “Focus on democratic and political issues”, Johan Öhman, Elsa Lee, Karin Rudsberg, Leif Östman, Katrien Van Poeck, Thomas Block & Michael Håkansson

At the European Conference on Educational Research, Bolzano, Italy (03-07/09/2018):

10. Workshop “Sustainable Development Teaching: Ethical and Political Challenges”, Katrien Van Poeck, Michael Håkansson, Petra Hansson, Leif Östman, Johan Öhman, et al.
11. “Lock-ins and Opportunities. A Multi-Level Analysis of the Transition towards Sustainable Higher Education in Flanders”, Maarten Deleye, Katrien Van Poeck, Thomas Block & Ellen Vandenplas
12. Symposium “Scaling ESD: Inclusion And Exclusion When Introducing ESD-activities In Diverse Contexts - 2 parts”, David O. Kronlid, Heila Lotz-Sisitka, Katrien Van Poeck, et al.

At the Nordic Conference on Sustainability Education Research, Örebro, hosted by Johan Öhman (25-27/10/2018):

13. Keynote “Nordic research on environmental and sustainability education - An auto-ethnographic perspective” (Katrien Van Poeck)
14. “The Museum as a Place for Sustainability Education?” (Petra Hansson, Pontus Thunblad, Katrien Van Poeck)
15. “Sustainable Development Teaching: Ethical and political challenges” (Leif Östman, Katrien Van Poeck, Johan Öhman)
16. “Political tendency: A typology of different ways how the political dimension can emerge and be experienced in environmental and sustainability education practices” (Michael Håkansson, Katrien Van Poeck, Leif Östman)

At the European Conference on Educational Research, Hamburg, Germany (03-06/09/2019):

17. Symposium “Public pedagogy and sustainability challenges (Part I)”, Katrien Van Poeck, Leif Östman, Heila Lotz-Sisitka, Michael Håkansson, Jeppe Læssøe, Petra Hansson, Johan Öhman, et al.

18. Symposium “Public pedagogy and sustainability challenges (Part II)”, Katrien Van Poeck, Jonas Lysgaard, Stefan Bengtsson, et al.
19. Paper presentation “Open schooling for sustainable cities and communities – An analytical framework for didactic research”, Katrien Van Poeck, Leif Östman
20. Round table “Understanding Learning Processes For Developing Key Competencies In Sustainability: Implications For Higher Education”, Katrien Van Poeck, Stefan Bengtsson et al.

Accepted contribution for the conference “The Role of Universities in Addressing Societal Challenges and Fostering Democracy: Inclusion, Migration, and Education for Citizenship”, Akureyri, Iceland (02-03/04/2020 – cancelled):

21. Paper presentation “Ethical and political moves. How university teachers can open up a space for articulating and experiencing the ethical and political dimension of controversial issues”, Leif Östman & Katrien Van Poeck

Accepted contributions for the European Conference on Educational Research, Glasgow (23-28/08/2020 – cancelled):

22. Paper presentation “Open Schooling about Sustainability Issues: Disturbance and Transformation of Teaching Habits”, Eva Roelandt, Leif Östman & Katrien Van Poeck
23. Paper presentation “University education as a driver for sustainability transitions?”, Katrien Van Poeck & Leif Östman

Publications

Articles

1. Van Poeck, K., Östman, L., Lotz-Sisitka, H. & Dempsey, M. (in development). Investigating the Relation Between Education and Societal Change in the Face of Sustainability Issues: Exploring methodological possibilities and blind spots. *European Educational Research Journal*.
2. Bengtsson, S. & Van Poeck, K. (2020 – submitted). What can we learn from COVID-19 as a form of public pedagogy? *European Journal for Research on the Education and Learning of Adults*.
3. Lönngren, J. & Van Poeck, K. (2020 – revision in progress). Wicked Problems: A Mapping Review of the Literature. *International Journal of Sustainable Development & World Ecology*.
4. Bengtsson, S. & Van Poeck, K. (2020 – revision in progress). Policy-making and research on sustainability in the Anthropocene. *Environmental Education Research*.
5. Van Poeck, K. & Östman, L. (2020 – resubmitted after revisions). Learning to find a way out of a non-sustainable food system. *Environmental Innovation and Societal Transitions*.
6. Plummer, P. & Van Poeck, K. (2020 – resubmitted after minor revisions). Exploring the role of learning in sustainability transitions: a case study of a novel analytical approach. *Environmental Education Research*.
7. Van Poeck, K. & Östman, L. (2020). The Risk and Potentiality of Engaging with Sustainability Problems in Education—A Pragmatist Teaching Approach. *Journal of Philosophy of Education*, 54 (4), 1003-1018.
8. Van Poeck, K., Östman, L. & Block, T., (2020). Opening up the black box of learning-by-doing in sustainability transitions. *Environmental Innovation and Societal Transitions*, 34, 298-310.
9. Block, T., Paredis, E. & Van Aert, P. (2020). Sostenibilidad en tiempos antropocénicos. Una propuesta didáctica para un abordaje social y político de problemas de sostenibilidad (Sustainability in anthropocenic times: A didactic proposal for a social and political approach of sustainability problems). *Journal on Innovation and Sustainability RISUS*, 11, 4.
10. Deleye, M., Van Poeck, K. & Block, T. (2019). Lock-ins and opportunities for sustainability transition: A multi-level analysis of the Flemish higher education system. *International Journal of Sustainability in Higher Education*, 20 (7), 1109-1124.
11. Block, T., Goeminne, G. & Van Poeck, K. (2018). Balancing the urgency and wickedness of sustainability challenges: three maxims for post-normal education. *Environmental Education Research*, 24 (9), 1424-1439.

12. Van Poeck, K. (2019). Environmental and sustainability education in a post-truth era. An exploration of other-than-modern epistemologies and didactics. *Environmental Education Research*, 25 (4), 472-491.
13. Van Poeck, K., Wals, A.E.J. & König, A. (2018). Editorial: Environmental and Sustainability Education in the Benelux Region. *Environmental Education Research*, 24 (9), 1229-1233.
14. Van Poeck, K., König, A. & Wals, A.E.J. (2018). Environmental and sustainability education in the Benelux countries: Research, policy and practices at the intersection of education and societal transformation. *Environmental Education Research*, 24 (9), 1234-1249.
15. Van Poeck, K. & Östman, L. (2018). Creating space for 'the political' in environmental and sustainability education practice: A Political Move Analysis of educators' actions. *Environmental Education Research*, 24 (9), 1406-1423.
16. Håkansson, M., Östman, L. & Van Poeck, K. (2018) The political tendency in Environmental and Sustainability Education, *European Educational Research Journal*, 17 (1), 91-111.
17. Crivits, M., De Krom, M., Block, T. & Dessein, J. (2018). Using policy discourses to open up the conceptual space of farm education : inspiration from a Belgian farm education network. *Environmental Education Research*, 24(9), 1320-1339.
18. Van Poeck, K., Vandenabeele, J. & Goeminne, G. (2017). Making climate change public? A dramaturgically inspired case-study of learning through transition management. *International Journal of Global Warming*, 12 (3-4), 366-385.
19. Van Poeck, K., Læssøe, J. & Block, T. (2017). An exploration of sustainability change agents as facilitators of nonformal learning: mapping a moving and intertwined landscape. *Ecology and Society*, 22 (2): 33.
20. Van Poeck, K., Goeminne, G. & Vandenabeele, J. (2016). Revisiting the democratic paradox of environmental and sustainability education: sustainability issues as matters of concern. *Environmental Education Research*, 22 (6), 806-826.
21. Van Poeck, K. & Lysgaard, J. (2016). The roots and routes of Environmental and Sustainability Education policy research. *Environmental Education Research*, 22 (3), 305-318.
22. Lysgaard, J., Reid, A. & Van Poeck, K. (2016). The roots and routes of Environmental and Sustainability Education policy research – an introduction to a virtual special issue. *Environmental Education Research*, 22 (3), 319-332.

Special issues

1. Van Poeck, K & Säfström, C.A. (eds.) (in development). Public pedagogy and sustainability challenges. *European Educational Research Journal*
2. Van Poeck, K., Wals, A.E.J. & König, A. (eds.) (2018). Environmental and Sustainability Education in the Benelux Region. *Environmental Education Research*, 24 (9).

Books international academic publisher

1. Van Poeck, K., Östman, L. & Öhman, J. (eds.) (2019). *Teaching Sustainable Development: Ethical and political challenges*. Routledge.
2. Van Poeck, K., Lysgaard, J. & Reid, A. (eds.) (2018). *Environmental and sustainability education policy: international trends, priorities and challenges*. Routledge.

Dutch-language books

1. Deleye, M., Van Poeck, K., Block, T. (2018) *Duurzaamheid binnen universiteiten en hogescholen*. [Sustainability at university and university colleges] Brussels, Flemish government.
2. Van Poeck, K., Block, T., De Paepe, M., Bleys, B., Van de Velde, R., Liagre, L. & Van de Poele, L. (2017) *Duurzame ontwikkeling als een rode draad*. Opleidingen aan de Universiteit Gent in transitie. [Sustainable development as a thread. Education programmes at Ghent University in transition] Ghent: Ghent University.

Book chapters

1. Van Poeck, K. & Östman, L. (2020 - accepted). The dramaturgy of facilitating learning processes. A transactional methodology for empirical analyses. In J. Garrison, L. Östman & J. Öhman (Eds.), *Deweyan Transactionalism in Education: Beyond Self-action and Inter-action*. London: Bloomsbury.
2. Van Poeck, K., Östman, L. & Öhman, J. (2019). Preface. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, xi-xii.
3. Van Poeck, K., Östman, L. & Öhman, J. (2019). Introduction. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 1-12.
4. Block, T. & Paredis, E. (2019). Four Misunderstandings About Sustainability and Transitions. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 15-27.
5. Block, T., Van Poeck, K. & Östman, L. (2019). Tackling wicked problems in teaching and learning. Sustainability issues as knowledge, ethical and political challenges. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 28-39.
6. Östman, L., Van Poeck, K. & Öhman, J. (2019). Principles for sustainable development teaching. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 40-55.
7. Van Poeck, K. & Östman, L. (2019). Sustainable development teaching in view of qualification, socialisation and person-formation. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 58-69.
8. Östman, L. & Öhman, J. (2019). Different teaching traditions in environmental and sustainability education. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 70-82.
9. Östman, L. & Öhman, J. (2019). The ethical tendency typology: ethical and moral situations in environmental and sustainability education. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 83-92.
10. Öhman, J. & Kronlid, D. (2019). A pragmatist perspective on value education. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 93-102.
11. Håkansson, M., Van Poeck, K. & Östman, L. (2019). The political tendency typology: Different ways in which the political dimension of sustainability issues appears in educational practice. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 103-114.
12. Östman, L., Van Poeck, K. & Öhman, J. (2019). A transactional theory on sustainability learning. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 127-139.
13. Östman, L., Van Poeck, K. & Öhman, J. (2019). A transactional theory on sustainability teaching: Teacher moves. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 140-152.
14. Van Poeck, K., Östman, L., & Öhman, J. (2019). Ethical moves: How teachers can open-up a space for articulating moral reactions and deliberating on ethical opinions regarding sustainability issues. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 153-161.
15. Van Poeck, K. & Östman, L. (2019). Political moves: How teachers can open-up for and handle poignant experiences of the conflictual aspects of sustainability issues. In: Van Poeck, K., Östman, L. & Öhman, J. *Sustainable Development Teaching: Ethical and Political Challenges*. New York: Routledge, 162-174.

16. Reid, A., Van Poeck, K. & Lysgaard, J. (2018). Preface. In: Van Poeck, K., Lysgaard, J. & Reid, A. (Eds.) *Environmental and sustainability education policy: international trends, priorities and challenges*. Oxon, UK & New York, USA: Routledge, 1-10.
17. Van Poeck, K. & Lysgaard, J. (2018). Editorial introduction. In: Van Poeck, K., Lysgaard, J. & Reid, A. (Eds.) *Environmental and sustainability education policy: international trends, priorities and challenges*. Oxon, UK & New York, USA: Routledge, 11-24.
18. Lysgaard, J., Reid, A. & Van Poeck, K. (2018). The roots and routes of environmental and sustainability education policy research. In: Van Poeck, K., Lysgaard, J. & Reid, A. (Eds.) *Environmental and sustainability education policy: international trends, priorities and challenges*. Oxon, UK & New York, USA: Routledge, 25-38.
19. Van Poeck, K., Vandenabeele, J. & Bruyninckx, H. (2018). Taking stock of the UN Decade of education for sustainable development: the policy-making process in Flanders. In: Van Poeck, K., Lysgaard, J. & Reid, A. (Eds.) *Environmental and sustainability education policy: international trends, priorities and challenges*. Oxon, UK & New York, USA: Routledge, 222-244.

Joint project applications

Research projects

Granted:

1. Swedish Research Council Formas: “Wicked problems and educative spaces for urban sustainability transition” (2017-2019), €310.000 [David O. Kronlid, Katrien Van Poeck, Thomas Block, Michiel Dehaene, Leif Östman, Eva Friman]
2. Research Foundation Flanders (FWO): Scientific Research Network (Wetenschappelijke OnderzoeksGemeenschap - WOG): “Public pedagogy and sustainability challenges” (2017-2021), €62.500 [Katrien Van Poeck, Thomas Block, Erik Paredis, Gert Goeminne, Johan Öhman, Jeppe Læssøe, Jonas Lysgaard, Leif Östman, Heila Lotz-Sisitka, et al.]
3. Flemish Government – Ecocampus: “Analyse van de stand van zaken in 2015 van duurzaam hoger onderwijs in Vlaanderen” (2017-2018), €101.739 [Katrien Van Poeck, Thomas Block, et al.]
4. Aarhus University Mobility Grant Application for a three months’ research stay of Jeppe Læssøe at Ghent University (2018) [Jeppe Læssøe, Katrien Van Poeck]
5. Universidad Nacional de Educación (UNAE) “Educación para la sostenibilidad ambiental: aplicación piloto de la metodología LORET en el Ecuador” (“Education for sustainable development: pilot experiments locally relevant teaching with LORET-methodology in Ecuador”) (2018-2019) [Katrien Van Poeck, Leif Östman, et al.], €25.000.
6. Swedish Research Council Formas: “Open schooling for sustainable cities and communities” (2019-2021), €300.000 [Katrien Van Poeck, Leif Östman]
7. Flemish government – Department of Education and Training: Research & Development project “Capaciteitsopbouw van docenten hoger onderwijs over klimaateducatie” (2019-2021), €155.000 [Katrien Van Poeck, Ellen Vandenplas, Thomas Block, Brent Bleys, Leif Östman]
8. H2020-SWAFS (Science with and for Society): “Science education for action and engagement towards sustainability - SEAS” (2019-2022), €1.563.688 [Katrien Van Poeck, Stefan Bengtsson, Leif Östman, Giulia Tasquier, et al.]
9. UGent Global Minds Fund (Explorative mission to prepare a UDC project proposal): “LORET – Locally relevant teaching about sustainability challenges” (2019-2020), €7.490 [Katrien Van Poeck, Leif Östman]
10. UGent-BOF - Interdisciplinaire onderzoeksconsortia (IDC) gericht op maatschappelijke impact: “Stadsacademie: een collaboratorium voor Gentse duurzaamheidsvraagstukken” (2020-2025), €75.000 running cost + centrally funded postdoc coordinator [Thomas Block, Ellen Vandenplas, Griet Roets, Michiel Dehaene, Katrien Van Poeck, Erik Paredis, Joost Dessen, Michel De Paepe, Steven De Meester, An Cliquet, et al.]
11. H2020-MSCA-IF-2018 (Marie Skłodowska-Curie Individual Fellowship) “University education as a driver for sustainability transitions – UNI4ST” (2020-2023), €203.852 [Katrien Van Poeck, Leif Östman]

12. Swedish Research Council: Scientific Network “The public role of education in democratic sustainability transitions (PEDST)” (2020-2022), €110.000 [Katrien Van Poeck, Leif Östman, et al.]
13. Koning Boudewijnstichting: “Discoursanalyses rond klimaatkwesties” (2020-2021), €118.115 [Thomas Block, Gert Goeminne, Erik Paredis]
14. European Research Council – Starting Grant (ERC-StG): “Transactional investigations of learning in view of sustainability transitions – LESTRA” (2021-2026), €1.483.000 [Katrien Van Poeck]

Not granted:

1. Research Foundation Flanders (FWO): ‘University education and the pursuit of sustainable development. Preparing the ground for sustainability politics?’ (2016) [Thomas Block, Katrien Van Poeck, Leif Östman]
2. Swedish Research Council: ‘Education for Sustainable Development in Swedish Teacher Education’ (2016) [Petra Hansson, Katrien Van Poeck, Leif Östman]
3. NCE-IKTP: proposal for a ‘Climate Change Education Knowledge Translation Platform’ (2016) [Marcia McKenzie, Katrien Van Poeck, Thomas Block, Alan Reid]
4. European Commission, SWITCH Asia: ‘Promoting Sustainable Consumption and Consumption’ (2017) [Katrien Van Poeck, Leif Östman, et al.]
5. Innovative Training Networks Call (H2020-MSCA-ITN-2017): ‘Secondary Education Engaging in Deep Sustainability (SEEDS)’ (2017) [Arjen Wals, Thomas Block, Katrien Van Poeck, Michiel Dehaene, Jeppe Læssøe, Jonas Lysgaard, et al.]
6. UGent-BOF: ‘Engaging university students in ‘real sustainability problems’. An investigation of problem based learning settings as political and/or educative spaces.’ (2017)
7. Swedish Research Council: ‘Education for Sustainable Development in Swedish Teacher Education’ (2017) [Petra Hansson, Katrien Van Poeck, Leif Östman]
8. Research Foundation Flanders (FWO): ‘University education and the politics of sustainability issues. A theoretical and empirical exploration of problem-based learning about sustainability challenges.’ (2017) [Thomas Block, Katrien Van Poeck, Leif Östman]
9. Formas (Zweden): ‘Universities as laboratories for sustainable cities’ (2017) [Leif Östman, David Kronlid, Katrien Van Poeck, Maarten Deleye]
10. UGent-BOF – oproep interfacultaire ZAP-mandaten: “Sustainability Education” (2017) [Thomas Block, An Cliquet, Stefaan De Henauw, Michel De Paepe, Michiel Dehaene, Brent Bleys, Griet Roets, Joost Dessen]
11. Norwegian Research Council – FINNUT: “Narratives of change: Coming to grips with climate change (Narrate)” (2018) [Leif Östman, Petra Hansson, Katrien Van Poeck, et al.]
12. Innovative Training Networks (H2020-MSCA-ITN-2018): ‘Secondary Education for Sustainable Development (SE4SD)’ (2018) [Arjen Wals, Thomas Block, Katrien Van Poeck, Michiel Dehaene, Jeppe Læssøe, Jonas Lysgaard, et al.]
13. Riksbanken Jubileumfonds Programme proposal, Sweden: “Transforming habits and practices in the face of sustainability challenges. Developing theoretical models, analytical methods and an empirically grounded knowledge base for understanding learning in relation to sustainability transitions.” (2018) [Leif Östman, Katrien Van Poeck, et al.]
14. BOF-UGent interdisciplinary research project: “Political literacy for urban sustainability transitions.” (2018) [Griet Roets, Thomas Block, Katrien Van Poeck]
15. Research Foundation Flanders (FWO): “Political literacy for urban sustainability transitions” (2018) [Thomas Block, Katrien Van Poeck, Leif Östman]
16. Swedish Research Council, research environment “Learning in and for sustainability transitions” (2018) [Leif Östman, Katrien Van Poeck, et al.]
17. UGent-BOF: “Climate change education at universities: a case study research on mechanisms of inclusion and exclusion” (2019) [Thomas Block, Katrien Van Poeck]
18. UGent-BOF: “How do Food Smart Cities learn? City-to-city learning in the context of innovations in food system governance” [Joost Dessen, Katrien Van Poeck, Leif Östman]

19. Research Foundation Flanders (FWO): “How 'Food Smart Cities' learn. How can city-to-city learning trigger change towards more sustainable food systems?” (2020) [Joost Dessen, Katrien Van Poeck, Leif Östman]

Submitted/in preparation:

1. Spencer foundation: “Improvement of science education within the local community in Galapagos through the integration of a socio-educational component in scientific research projects” (submitted 2020) [Katrien Van Poeck, Leif Östman, et al.]
2. H2020-LC-GD-2020 (Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal): “Sustainable Europe by Deliberation in Education” (to be submitted January 2021) [Stefan Bengtsson, Michael Håkansson, Katrien Van Poeck, Leif Östman, Mandy Singer-Brodowski, et al.]
3. VLIR-UOS JOINT proposal “LORET – Locally relevant teaching about sustainability challenges” (to be submitted in 2021) [Katrien Van Poeck, Leif Östman, et al.]

Education innovation projects

Granted:

1. UGent - DOWA: Onderwijsinnovatieproject ‘Duurzaamheid in het onderwijs van de UGent’, €45.000 [Thomas Block, Katrien Van Poeck]
2. UGent - DOWA & Faculty of Engineering and Architecture: ‘Duurzame ingenieurspraktijk – Hervormen van het opleidingsonderdeel ‘Vakoverschrijdend project’ in de opleiding Werktuigkunde-Elektrotechniek als een essentiële schakel in een leerlijn duurzaamheid’ (2017-2018), €19.000 [Thomas Block, Katrien Van Poeck]
3. Flemish government – Department of Education and Training: Living Lab Campus Sterre (2019-2021), €67.826 [Thomas Block, Ellen Vandenplas, et al.]
4. OVAM Open Call Circulaire Economie: “Prototyping circulair” (2019-2021), €99.300 [Francesca Ostuzzi, Katrien Van Poeck, Thomas Block]

Not granted:

1. UGent - DOWA, interfacultaire projectoproep: “Uitbouw van De Stadsacademie, een transdisciplinaire setting voor activerend onderwijs rond duurzaamheidsvraagstukken in Gent” [Thomas Block, Ellen Vandenplas, Michiel Dehaene, Griet Roets, Katrien Van Poeck et al.]

Pilot experiments in UGent education

Education innovation through curriculum development

The following education programmes have been supported in structurally embedding sustainability:

1. Burgerlijk ingenieur Werktuigkunde-Elektrotechniek – Electromechanical Engineering: resulted in a ‘learning line’ sustainability
2. Handelswetenschappen – Business Administration: resulted in a ‘learning line’ sustainability
3. Rechten – Laws: resulted in a ‘learning line’ sustainability
4. Industriële Wetenschappen Electromechanica – Engineering Technology - main subject Electromechanical Engineering Technology
5. Industriële Wetenschappen: industrieel ontwerpen – Industrial Design Engineering Technology
6. Bio-ingenieurswetenschappen – Bio Engineering Sciences
7. Milieutechnologie – Environmental Science and Technology
8. Economische wetenschappen – Economics
9. Toegepaste economische wetenschappen – Business Economics
10. Handelsingenieur – Business Engineering
11. Bestuurskunde en publiek management – Public Administration and Management
12. Sociaal Werk – Social Work

13. Politieke Wetenschappen – Political Sciences

Education innovation in courses

The following courses have been re-designed in order to (better) integrate sustainability:

1. Vakoverschrijdend project – Cross-Course Project (Electromechanical Engineering)
2. Duurzaamheidsdenken – Sustainability Thinking (University-wide elective course)
3. Omgevingswetenschappen – Environmental sciences (Bio Engineering Sciences)
4. Maatschappelijke Structuren – Sociatal structures (Pshychology)

In the 'learning line' sustainability in Laws (bachelor programme) – in progress:

5. Basisbegrippen van het recht – Basic Concepts of Law (Laws)
6. Ethische en rechtsfilosofische stromingen. - Ethical and legal philosophical movements
7. Mensenrechten - Human Rights
8. Staatsrecht - Constitutional law
9. Recht en technologie - Law and technology
10. Recht en samenleving - Law and society
11. Internationaal publiekrecht - International public law
12. Geschiedenis van het publiekrecht en de politiek - History of public law and politics
13. Handels- en economisch recht - Commercial and economic law
14. Financieel recht - Financial law
15. Arbeidsrecht - Employment law
16. Bestuursrecht - Administrative law

In the 'learning line' sustainability in Engineering Technology (bachelor programme):

17. Ingenieursproject - Engineering project
18. Industrieel project - Industrial project
19. Bachelor proef - Bachelor theses

In the 'learning line' sustainability in Social Work (bachelor programme)– in progress:

20. Agogiek – Social work
21. Internationaal Sociaal Werk – International social work
22. Sociaal-cultureel werk en samenlevingsopbouw – Socio-cultural work
23. Burgerschap, vermaatschappelijking, en onzichtbare zorg - Citizenship, Socialization, and Invisible Care
24. Sociaal Werktheorieën – Social work theorie
25. Actuele vraagstukken in de sociale agogiek – Current issues in social work

In the 'learning line' sustainability in Industrial Design Engineering Technology – in progress:

26. Introduction to a Circular Economy
27. Designing in a cybernetic and systems-oriented way
28. Design for Sustainability
29. Master theses

The following courses on sustainability have been newly established:

1. Duurzame steden – Sustainable cities (multiple disciplines e.g. Political sciences, Urbanism and Spatial Planning, Biology, Geography and Geomatics, Bioscience engineering)
2. Internationaal recht en duurzame ontwikkeling – International law and sustainable development (Laws)
3. Introductie tot de circulaire economie – Introduction to the circular economy (Industrial Design Engineering Technology)
4. Design for Sustainability (Industrial Design Engineering Technology)
5. Duurzaamheid, ondernemerschap en ethiek – Sustainability, Entrepreneurship and Ethics (Engineering)

6. Actuele vraagstukken in de sociale agogiek – Current issues in social work (social work)
7. Burgerschap, vermaatschappelijking, en onzichtbare zorg - Citizenship, Socialisation, and Invisible Care (social work)
8. New course in development: Ecologische economie – Ecological economics

Education innovation through novel, transdisciplinary education initiatives

1. De Stadsacademie – The Urban Academy: The Urban Academy is a ‘collaboratory’ in which policy makers, civil society actors, citizens, companies, academic staff and students from different disciplines jointly address ‘real-world’ sustainability challenges in Ghent. They think together about problem definitions and possible solutions, future visions/strategies, (living lab) experiments, upscaling initiatives, etc. These issues are translated into subjects for master theses, project work, student assignments, etc. Transdisciplinary Master Thesis Studios have been organised on several topics (“Wonen in diversiteit”, “Publieke Landbouwgronden”, “Circulair bouwen”).
2. Living Labs: Experiments are set-up with sustainability education related to ‘real-world’ sustainability challenges on campus. Students and academic staff from different disciplines, professional university staff and external actors conduct action-research on climate-friendly renovation, management and use of Campus Sterre.
3. Summer School Klimaat: In September 2019, students from diverse disciplines got 5 days of lectures, workshops and excursions to jointly explore the issue of climate change from multiple perspectives. The 2020 edition was cancelled because of the Covid-19 situation.
4. Innovation Bootcamps: 15 students of Radboud University Nijmegen and 10 UGent students were offered two three-day ‘innovation bootcamps’ in Nijmegen (March 2019) and Ghent (May 2019). They developed future scenarios for urban neighbourhoods.