

Environmental Impact Assessment EIA

Overview of Task 4 and instructions for part A



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Course timetable

Week	1		2		3		4		5		6	
Day	Wed 28.10.	Fri 30.10.	Wed 4.11.	Fri 6.11.	Wed 11.11.	Fri 13.11.	Wed 18.11.	Fri 20.11.	Wed 25.11.	Fri 27.11.	Wed 2.12.	Fri 4.12.
Topics and tasks	Frameworks Task 1, DL 6.11											
	Concept map assignment (individual): 1st DL 18.11. (tutoring), final DL 14.12.											
			Measuring SD Task 2, DL 10.11.									
				Implementation: LCA Task 3, DL 20.11.								
					Pre-reading		Implementation: EIA Task 4, DL 27.11.					
							Concept map tutoring!		Societal impact Task 5, DL 4.12.		Final seminar	
<p>Course intended learning outcomes (ILOs):</p> <ol style="list-style-type: none"> 1. define the concept of sustainability and understand the scientific, political, regulative and societal frameworks relating to its implementation [knowledge] 2. describe the principles of different types of methods and measures that can be used to assess sustainability and recognize their differences and limitations [knowledge] 3. apply selected method(s) used in sustainability assessment [skill] 4. promote sustainable development in the society through his/her own field [identity] 5. recognize his/her own strengths and weaknesses in group working [identity] 												

Workload and Grading of the course: Weighing of the Tasks & Teaching sessions

Workload in 7 weeks in total = ~135 hours (19-20 hrs/week):

Working hours per week: 5-7hrs contact sessions + 3-5hrs concept map work (= reflection & deep learning)
+ 5-10hrs other independent or group work.

The grading of the course: the total amount of points from all the learning assignments + contact session attendance. Submission overdue = -25% points / submission. To pass the course, you need to submit all the tasks and assignments by Monday 14h Dec 2020 at 23.55.

Grading: 0-49 points = Fail; 50-60 = 1; 61-70 = 2; 71-80 = 3; 81-90 = 4; 91-100 = 5.

- ❖ **Concept map assignment**, Individual = max 20p. (~25 hrs)
- ❖ **Task 1:** SD Science & Policies, Learning diary, Individual = max 8p. (~7 hrs)
- ❖ **Task 2:** Measuring sustainability, Presentation and reflection, Group = max 8p. (~7 hrs)
- ❖ **Task 3:** LCA/Rebound, Calculations & brochure, Group = max 10p. (~10 hrs)
- ❖ **Task 4:** EIA, Quiz (individual) & Presentation, Group = max 14 p.(~15 hrs)
- ❖ **Task 5:** Corporate responsibility, Sustainability evaluations, Group = max 10 p.(~10 hrs)
- ❖ **Contact sessions (10):** 2 points / attendance (Aalto feedback extra 2p.) = max 20p. (+2)(~25 hrs)
- ❖ **Peer and self assessment** = max 10p.

The purpose of the EIA assignment

1. Understanding what an EIA in EU includes and how the process is implemented
2. Learning how the EIA process is regulated and implemented in different parts of the world
3. Applying conceptual knowledge on sustainability in practice
4. Evaluating, how the EIA process promotes sustainable development at project level and holistically (zooming out)
5. Practicing international, multidisciplinary and multicultural team work, argumentation and presentation skills

Part B: Presentation on 27th Nov

Material: Case EIA Reports (1 case/group)

Outcome: A 15-minutes presentation that should include: The key contents and sustainability aspects of your EIA Case, following the guiding bullet points below (7 items in total):

1. Brief introduction to the project, to which the EIA report relates
2. Legislative / regulatory framework of your EIA
3. Does the EIA cover the whole life span of the project?
4. What methods were used to assess the environmental impacts?
5. What risks and uncertainties the report brought up?
6. Sustainability evaluation of your EIA
7. Conclusions

Evaluation criteria and grading

The evaluation of the presentation is based on the guiding 7 points (final points: *0,5 = max 10p.):

- Basic information (points 1-5), max 5p.
- Arguments used in sustainability evaluation, max 6p.
- Conclusions, max 4p.
- Way of presenting, max 5p.

Evaluation by the teacher and an opponent group

(evaluation template to be available in MyCourses and time allocated during the session to evaluate the presentation).

Submission

The presentation can be either PowerPoint submitted to Mycourses, or some other form of presentation (Prezi etc.).

One group member submits the file (or link) to MyCourses discussion forum.

Submission Deadline: Fri 27th Nov at 9.00

(one hour for the opponent group to review the slides beforehand)

→ We'll get back to this on Wed 18th Nov

Part A: the Quiz, EIA process in the EU

Read through the given material, paying attention specifically to the following:

- main purpose of the EIA process
- key actors and their responsibilities
- phases of the process
- key legislative framework related to the EIA
- good practices and measures given in the guides to review the EIA documents

The quiz will be on Wed 18th Nov at 13.00-13.20 (compulsory attendance, also the concept map check point in the afternoon!)

- 10 multiple-choice questions; 0,4p. / right answer = total 4p.
- Task 4 = individual points from Quiz + group points from presentation (max 10p.)

Pre-reading material

EIA process in the EU

1. Guide to EIA Report, pages 1-25 and 63-89:
http://ec.europa.eu/environment/eia/pdf/EIA_guidance_EIA_report_final.pdf
2. Guide to Scoping, pages 1-31:
http://ec.europa.eu/environment/eia/pdf/EIA_guidance_Scoping_final.pdf

Other useful and interesting documents:

(as complementary, voluntary material: will not be included in the quiz)

- Many EU guides and articles on EIA: <http://ec.europa.eu/environment/eia/>
- UN checklists for EIA in different sectors:
<https://www.unece.org/env/eia/resources/checklists.html>

**For today's interactive lecture:
Get a pen and paper 😊!**