Introduction to Task 5:
Corporate responsibility

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.

Implementation: EIA
Pre-reading *Task 4, DL 27.11.*

Concept map tutoring!

Societal impact
Task 5, DL 4.12.

Final seminar

Course intended learning outcomes (ILOs):

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 trough his/her own field [identity]

5. recognize his/her own strengths and weaknesses in group working [identity]

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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 task

The purpose of the task is:

- Learning to apply a comprehensive view on sustainability
- Evaluating sustainability using life cycle thinking
- Recognising how engineering methods can be used in implementing sustainability

Sustainability audit

Congrats, you have been hired!

You are sustainability experts, who have been invited to audit the sustainability implementation of one chosen company.

You have the power to decide, if the company will be accepted to a new ***Planetary Wellbeing Index***.

Create criteria for the index, study carefully the sustainability actions of your company, and start evaluating!

You will also be comparing your company to a Finnish average with the help of a recent report: Sustainability in Finnish Companies 2019 by FiBS ry (in MyCourses).

Write an auditing report (3-4 pages, excluding cover & references**) following the structure below:**

A.   **Introduction; B. Material and methods; C. Results; D. Conclusions; E. Final reflections**

Industrial sectors for the task

❖ Group 1, No name: Food, dairy and milk industry

❖ Group 2, Plan B: Pulp, paper and board production

❖ Group 3, Koi Carps: Slaughterhouses and animals by-products industries

❖ Group 4, Sharks: Textile industry

Each group will select one company to represent their industrial sector.

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Submission and grading

Submission DL Fri 4.12. at 23.55. Only one group member submits.

(Wrap-up and reflections in the final seminar 4.12.)

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

1. Defining the criteria for the index & definition of planetary wellbeing (3p)
2. Ability to apply the information and learnings from previous sessions of the course (5p)
3. Comprehensiveness of the auditing report on company's sustainability performance (5p)
4. Justifications for passing/failing the company & recommendations to the company on how to improve (5p)
5. Reflections (3p)