

## Time sheet

Week	Date	Hours	Andrea Kleppe
2	10.jan.22		
	11.jan.22		
	12.jan.22	1	Group meeting
	13.jan.22	4	Literature survey
	14.jan.22	5	Literature survey
	15.jan.22		
	16.jan.22		
3	17.jan.22	4	Literature survey
	18.jan.22	5	Literature survey
	19.jan.22	4	Group meeting
	20.jan.22	4	Group meeting
	21.jan.22		
	22.jan.22		
	23.jan.22		
4	24.jan.22	4	Literature survey components
	25.jan.22	5	Literature survey components
	26.jan.22	5	Literature survey components
	27.jan.22	5	Group meeting
	28.jan.22		
	29.jan.22		
	30.jan.22		
5	31.jan.22	7	Components
	01.feb.22	7	Materials
	02.feb.22	7	Materials
	03.feb.22	7	Turbine blades design
	04.feb.22	6	Group meeting
	05.feb.22		
	06.feb.22		
6	07.feb.22	5	Turbine blade design
	08.feb.22	4	Turbine blade design / Group meeting
	09.feb.22	6	Turbine blade design
	10.feb.22	6	Turbine blade materials
	11.feb.22		
	12.feb.22		
	13.feb.22		
7	14.feb.22	6	Literature survey
	15.feb.22	6	Literature survey
	16.feb.22	6	Literature survey
	17.feb.22	8	Structuring and writing
	18.feb.22	5	Writing about components
	19.feb.22		
	20.feb.22	3	Group meeting
8	21.feb.22	6	Group meeting
	22.feb.22	5	Writing about components
	23.feb.22	5	Writing about components

	24.feb.22	4	Writing about decommissioning
	25.feb.22		
	26.feb.22		
	27.feb.22	5	Writing about decommissioning
9	28.feb.22	4	Group meeting
	01.mar.22	6	Decommissioning
	02.mar.22	6	Decommissioning
	03.mar.22	6	Decommissioning
	04.mar.22		
	05.mar.22		
	06.mar.22		
10	07.mar.22	7	Decommissioning market
	08.mar.22	7	Decommissioning market
	09.mar.22	7	Decommissioning market
	10.mar.22	7	Recyclability
	11.mar.22		
	12.mar.22	3	Group meeting
	13.mar.22	3	Group meeting
11	14.mar.22	7	Working on the presentation
	15.mar.22	5	Working on the presentation
	16.mar.22	6	PRESENTATION
	17.mar.22		
	18.mar.22		
	19.mar.22		
	20.mar.22		
12	21.mar.22	3	Life cycle analysis
	22.mar.22	4	Group meeting 4 hours / sankey diagram
	23.mar.22	6	LCA
	24.mar.22	6	LCA
	25.mar.22	8	LCA
	26.mar.22		
	27.mar.22		
13	28.mar.22	6	Life cycle analysis/meeting
	29.mar.22	6	Life cycle analysis
	30.mar.22	5	Life cycle analysis
	31.mar.22	6	Life cycle analysis
	01.apr.22	7	LCA
	02.apr.22		
	03.apr.22		
14	04.apr.22	8	BOM
	05.apr.22	9	BOM
	06.apr.22	8	BOM
	07.apr.22	8	Group meeting
	08.apr.22	7	BOM
	09.apr.22		
	10.apr.22		
15	11.apr.22	6	LCIA
	12.apr.22	5	LCIA

	13.apr.22	6	LCIA
	14.apr.22	6	LCIA
	15.apr.22	7	LCIA
	16.apr.22		
	17.apr.22		
16	18.apr.22	5	Transport
	19.apr.22	6	Transport
	20.apr.22	5	Transport
	21.apr.22	6	BOM
	22.apr.22		
	23.apr.22	6	Operation and maintenance
	24.apr.22		
17	25.apr.22	8	Life cycle inventory
	26.apr.22	5	End-of-life
	27.apr.22	7	End-of-life
	28.apr.22	5	Life cycle analysis
	29.apr.22		
	30.apr.22	5	Life cycle analysis
	01.mai.22	6	Life cycle analysis
18	02.mai.22	6	Life cycle analysis
	03.mai.22	8	Life cycle analysis
	04.mai.22	10	Case study
	05.mai.22	9	Meeting
	06.mai.22	5	Case study
	07.mai.22		
	08.mai.22	6	Case study
19	09.mai.22	10	Proof reading
	10.mai.22	10	Proof reading
	11.mai.22	11	Proof reading
	12.mai.22		
	13.mai.22	7	Proof reading
	14.mai.22	2	Proof reading
	15.mai.22	8	Proof reading
20	16.mai.22	9	Proof reading
	17.mai.22		
	18.mai.22		
	19.mai.22	8	Went through comments from our supervisor
	20.mai.22	10	Finishing the different chapters
	21.mai.22	10	Structure
	22.mai.22	8	Structure
21	23.mai.22		
	24.mai.22		
	25.mai.22	8	Proof reading
	26.mai.22	8	Proof reading
	27.mai.22	8	Proof reading
	28.mai.22	6	Proof reading
	29.mai.22	8	Proof reading
	30.mai.22		

Week	Date	Hours	Leander Johnsen Oppedal
2	10.jan.22		
	11.jan.22		
	12.jan.22	1	Group meeting
	13.jan.22	4	Wind turbine farms in general
	14.jan.22		
	15.jan.22	5	Wind turbine farms in general
	16.jan.22		
3	17.jan.22		
	18.jan.22	5	Collecting literature
	19.jan.22	4	Group meeting
	20.jan.22	4	Group meeting
	21.jan.22		
	22.jan.22	5	Manufacturing of turbine blades
	23.jan.22	6	Decommissioning of offshore wind turbines
4	24.jan.22		
	25.jan.22		
	26.jan.22	5	Manufacturing of turbine blades
	27.jan.22	1	Group meeting
	28.jan.22	6	Collecting literature about composites
	29.jan.22		
	30.jan.22		
5	31.jan.22	3	Collecting literature about composites
	01.feb.22		
	02.feb.22	6	Waste hierarchy
	03.feb.22	8	Waste hierarchy
	04.feb.22	6	Group meeting
	05.feb.22	8	Waste hierarchy
	06.feb.22		
6	07.feb.22		
	08.feb.22	4	Waste management / Group meeting
	09.feb.22		
	10.feb.22	4	Offshore windfarms
	11.feb.22	6	End of life scenarios
	12.feb.22	6	End of life scenarios
	13.feb.22		
7	14.feb.22		
	15.feb.22	5	Mapping of offshore windfarms
	16.feb.22	2	Mapping of offshore windfarms
	17.feb.22	8	Structuring and writing
	18.feb.22		
	19.feb.22	4	Structuring and writing
	20.feb.22	3	Group meeting
8	21.feb.22	6	Group meeting
	22.feb.22		

	23.feb.22	5	Smaller turbines
	24.feb.22		
	25.feb.22		
	26.feb.22	6	Circularity by design
	27.feb.22	7	Circularity by design
9	28.feb.22	6	Group meeting / Producers responsibility
	01.mar.22		
	02.mar.22	6	Producers responsibility
	03.mar.22	8	Legislative content
	04.mar.22		
	05.mar.22		
10	06.mar.22		
	07.mar.22		
	08.mar.22	6	Legislative content
	09.mar.22	6	Recyclability
	10.mar.22		
	11.mar.22		
	12.mar.22	3	Group meeting
11	13.mar.22	3	Group meeting
	14.mar.22	7	Working on the presentation
	15.mar.22	5	Working on the presentation
	16.mar.22	6	PRESENTATION
	17.mar.22		
	18.mar.22		
	19.mar.22		
12	20.mar.22		
	21.mar.22		
	22.mar.22	4	Group meeting / sankey software
	23.mar.22	4	Sankey software
	24.mar.22		
	25.mar.22	6	Refurbishment market
	26.mar.22	6	Refurbishment market
	27.mar.22	5	Refurbishment market
13	28.mar.22	7	Refurbishment Market / Meeting
	29.mar.22		
	30.mar.22		
	31.mar.22		
	01.apr.22		
	02.apr.22	6	Life cycle analysis
	03.apr.22	6	Life cycle analysis
14	04.apr.22		
	05.apr.22	6	Life cycle analysis
	06.apr.22		
	07.apr.22	5	Life cycle analysis / Meeting
	08.apr.22		
	09.apr.22		
15	10.apr.22		
	11.apr.22		

	12.apr.22		
	13.apr.22	6	Life cycle analysis
	14.apr.22	6	Life cycle analysis
	15.apr.22		
	16.apr.22	8	Life cycle analysis
	17.apr.22	6	Structure
16	18.apr.22	9	Life cycle analysis / Meeting
	19.apr.22		
	20.apr.22	8	Case study
	21.apr.22	6	Case study
	22.apr.22	6	Case study
	23.apr.22		
	24.apr.22		
17	25.apr.22	8	Life cycle analysis / Meeting
	26.apr.22	8	Life cycle analysis / Situation in UK
	27.apr.22	9	LCA GaBi
	28.apr.22	10	LCA GaBi / landfill
	29.apr.22	4	Landfill
	30.apr.22	10	Landfill
	01.mai.22	10	Landfill
18	02.mai.22	7	Repurpose
	03.mai.22	8	Repurpose
	04.mai.22	11	Qblade
	05.mai.22	11	Repurpose / meeting
	06.mai.22	7	Repurpose
	07.mai.22	4	Repurpose
	08.mai.22	4	Repurpose
19	09.mai.22	6	Creo Parametric modelling
	10.mai.22	12	Creo Parametric modelling
	11.mai.22	12	Creo Parametric modelling
	12.mai.22	8	Figure modelling
	13.mai.22	8	Repurpose
	14.mai.22	12	Repurpose
	15.mai.22	12	Repurpose
20	16.mai.22	10	Repurpose
	17.mai.22		
	18.mai.22	4	Proof reading
	19.mai.22	8	Excel
	20.mai.22		
	21.mai.22	6	Went through comments from our supervisor
	22.mai.22		
21	23.mai.22	10	Structure
	24.mai.22	10	Structure
	25.mai.22	8	Methodology / proof reading
	26.mai.22	10	Structure
	27.mai.22	8	Proof reading
	28.mai.22	6	Proof reading
	29.mai.22	8	Proof reading

30.mai.22

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Week	Date	Hours	Martin Brunborg
2	10.jan.22		
	11.jan.22		
	12.jan.22	1	Group meeting
	13.jan.22	4	Read about the topic
	14.jan.22	3	Offshore wind
	15.jan.22		
	16.jan.22		
3	17.jan.22	4	Collecting literature
	18.jan.22		
	19.jan.22	3	Group meeting / reading
	20.jan.22	4	Group meeting / reading
	21.jan.22	3	Turbine blades
	22.jan.22		
	23.jan.22		
4	24.jan.22	4	Looking at energy reports
	25.jan.22		
	26.jan.22	2	Worlds energy demand
	27.jan.22	4	Group meeting / reading
	28.jan.22		
	29.jan.22		
	30.jan.22		
5	31.jan.22	4	Offshore wind development
	01.feb.22		
	02.feb.22	4	Potential of offshore wind
	03.feb.22		
	04.feb.22	5	Group meeting
	05.feb.22		
	06.feb.22		
6	07.feb.22	3	Started writing about background
	08.feb.22	4	Group meeting / writing
	09.feb.22		
	10.feb.22	4	Writing introduction
	11.feb.22	4	Writing introduction
	12.feb.22		
	13.feb.22		
7	14.feb.22	5	Literature survey
	15.feb.22		
	16.feb.22		
	17.feb.22	8	Structuring and writing
	18.feb.22		
	19.feb.22		
	20.feb.22	3	Group meeting

8	21.feb.22	6	Group meeting
	22.feb.22		
	23.feb.22	4	Decommissioning of new wind farms
	24.feb.22	3	Decommissioning of new wind farms
	25.feb.22		
	26.feb.22	4	Hornsea, London Array, Triton Knoll
	27.feb.22	4	Hornsea, London Array, Triton Knoll
9	28.feb.22	6	Group meeting / decom. of new WF
	01.mar.22		
	02.mar.22	5	Decommissioning general aspects
	03.mar.22	4	Decommissioning market outlook
	04.mar.22	5	Market outlook
	05.mar.22	4	Decommissioning challenges
	06.mar.22		
10	07.mar.22	4	Decommissioning challenges
	08.mar.22	4	Decommissioning challenges
	09.mar.22	6	Decommissioning challenges
	10.mar.22		
	11.mar.22		
	12.mar.22	3	Group meeting
	13.mar.22	3	Group meeting
11	14.mar.22	7	Working on the presentation
	15.mar.22	5	Working on the presentation
	16.mar.22	6	PRESENTATION
	17.mar.22		
	18.mar.22		
	19.mar.22		
	20.mar.22		
12	21.mar.22		
	22.mar.22	4	Group meeting / sankey diagram
	23.mar.22	4	Sankey software
	24.mar.22		
	25.mar.22	8	LCA
	26.mar.22		
	27.mar.22		
13	28.mar.22	5	Meeting
	29.mar.22	7	LCA
	30.mar.22	7	LCA
	31.mar.22	7	LCA
	01.apr.22	5	
	02.apr.22		
	03.apr.22	5	LCA
14	04.apr.22		
	05.apr.22	6	Landfill, Co - processing and reuse
	06.apr.22		
	07.apr.22	4	Group meeting
	08.apr.22	8	Case study
	09.apr.22	8	Case study



	10.apr.22		
15	11.apr.22	8	Case study
	12.apr.22	8	LCA
	13.apr.22	8	LCA
	14.apr.22	6	LCA
	15.apr.22	8	LCA
	16.apr.22		
	17.apr.22	4	LCA
16	18.apr.22	8	LCA
	19.apr.22	6	Case study
	20.apr.22		
	21.apr.22	8	Case study
	22.apr.22	8	Case study
	23.apr.22	4	Case study
	24.apr.22		
17	25.apr.22	8	Case study
	26.apr.22	8	Case study
	27.apr.22	8	Assumptions/limitations
	28.apr.22	8	Introduction co - processing
	29.apr.22	5	Co-processing
	30.apr.22	8	Co-processing
	01.mai.22	8	Co-processing
18	02.mai.22	8	Co-processing
	03.mai.22	8	Co-processing
	04.mai.22	6	Calculations
	05.mai.22	10	Meeting / repurpose
	06.mai.22	5	Repurpose
	07.mai.22	8	Repurpose
	08.mai.22		
19	09.mai.22	8	Repurpose
	10.mai.22	8	Calculations repurpose
	11.mai.22	10	Calculations repurpose
	12.mai.22	10	Calculations repurpose
	13.mai.22	10	Case study repurpose
	14.mai.22	4	Case study repurpose
	15.mai.22	4	Case study repurpose
20	16.mai.22	10	Proof reading
	17.mai.22		Draft to supervisor
	18.mai.22	8	
	19.mai.22	8	Went through comments from our supervisor
	20.mai.22	8	Adjustments after comments from supervisor
	21.mai.22		
	22.mai.22	8	Discussion
21	23.mai.22	6	Discussion
	24.mai.22	9	Discussion
	25.mai.22	10	Proof reading
	26.mai.22	10	Proof reading
	27.mai.22	8	Proof reading

	28.mai.22	6	Referances
	29.mai.22	8	Proofreading
	30.mai.22		