



## Preparation for the exchange in Norway, fall 2022

During week 40 we will be working with sustainable development goal **14 – Life below water**:

*Conserve and sustainably use the oceans, seas and marine resources for sustainable development.*

The goal of the week is to find solutions to how we can build sustainable local communities while utilizing the valuable resources below water. We will aim to identify the biggest threats to the marine and coastal ecosystems, but also find solutions to these threats with perspectives from the three countries.

### We will be focusing on the following Goal Targets:

#### 14.1 REDUCE MARINE POLLUTION

By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution.

#### 14.2 PROTECT AND RESTORE ECOSYSTEMS

By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans.

Below is an overview of the main activities and the topics that will be covered for each day.

Day	Main activity	Keywords
Monday	Visit to Vega World Heritage Center	World Heritage, geoheritage, sea birds, marine harvesting, sustainable communities, culture
Tuesday	Beach Cleaning	Marine pollution, sea birds, world heritage, oceanic currents, geoheritage
Wednesday	Visit to Norwegian Centre for Aquaculture	Sea farming, sustainable communities, marine biodiversity, marine pollution, economic growth
Thursday	Marine biology excursion at the shore	Marine biodiversity, harvesting, marine pollution
Friday	Presentation of group work and posters	

## Results after the exchange week

Each group will make ONE poster and present ONE picture at the end of the week related to global goal 14. This will be presented on Friday October 7<sup>th</sup> after lunch.

The students are expected to gather information for their poster during the activities and visits during the project week.

### Poster

Each group will make a poster regarding global goal 14, but with a focus on a specific topic.

Group 1 & 2: Plastic pollution

Group 3 & 4: Harvesting and fishery

Group 5 & 6: Sea farming

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Sanna	Stella	Jorne	Maximilian	Maria	Sarah
Signar	Watcharee	Oskari	Teemu	Maja	Kristian
Hanna	Veikka	Sylvia	Laura	Konsta	Moona
Almar	Nuutti	Amylee	Juliana	Sævar	Raakel
Ólöf	Hafdis	Laufey	Dagmar	Lilja	Aron

In the poster you are expected to present findings from the activities and excursions during the project week, with a certain focus on goal target 14.1 – *reduce marine pollution* and goal target 14.2 – *Protect and restore ecosystems*. Make notes and ask questions during the activities and excursions.

Based on your topic, aim to answer these questions:

- What do you think are the main challenges for coastal and marine ecosystems?
  - Give examples on how we can solve these issues.
- What can we learn from the past and what possibilities lies ahead in the future?
- Find examples of differences between Finland, Iceland and Norway when it comes to achieving goal 14.

*Criteria for the poster – see end of document*

### Picture

Take pictures of what you see and experience during the week. Each group choose one picture that they think represents Global Goal 14 and prepare a short explanation regarding why this picture was chosen. There will be an exhibition at the end of the week.

## Monday October 3<sup>rd</sup>

After a brief introduction at Brønnøysund upper secondary school we will travel to the island of Vega and the Vega World Heritage center. Since 2004 the Vega Archipelago have been on UNESCOs list of the worlds natural and cultural heritage, much because of the old tradition with collection of eiderdowns on the flat-lying islands known as the strand flat.

### Tasks after the visit to the Vega World Heritage center:

*In light of what you have experienced and learned about the Vega World Heritage, prepare at least three questions that you would like to ask during our visit to the Aquaculture Center at Wednesday.*

08.30 – 09.00	Breakfast at the school	The students may also have their breakfast with the host families
09.00 – 09.45	Welcome to the school and the project week	Welcome Presentations About the program for the week Today's programme
09.45	Bus transport to the ferry	The ferry departs 10.25, and the trip takes 1 hour
11.30 - 15.00	Vega World Heritage Center	Bus transport to the center  <a href="http://verdensarvvega.no">Home — Vegaøyen verdensarv (verdensarvvega.no)</a>
15.00 -	Check-in Vega Basecamp	<a href="#">Base Camp Vega eng   Naturen bestemmer   Base Camp Vega</a>
16.00 – 18.00	Social activities	Presentations of the schools in Norway, Finland and Iceland
18.00 -	Dinner, sociale activities	

## Tuesday October 4<sup>th</sup>

We will spend the whole day outside cleaning beaches at the Vega Archipelago together with the volunteer organization *In the same boat*. We will go out in boats and will be located on several smaller islands. One adult will be responsible for the security on each locality.

07.30 – 08.30	Breakfast Today's programme	You must prepare a lunch packet for the day
08.30 – 09.00	Presentation by volunteers from In The Same Boat	
09.00 – 12.00	Beach cleaning	I cooperation with <i>In The Same Boat</i> .

		<a href="http://inthesameboat.eco">Professional beach cleaning (inthesameboat.eco)</a>
12.00 – 12.30	Lunch (outdoor)	
12.30 – 16.00	Beach cleaning continues	
16.00	Dinner at Vega Basecamp	Vega Base Camp
17.00	Bus transport to the ferry	The ferry departs at 17.45
19.00	Back in Brønnøysund	

## Wednesday October 5<sup>th</sup>

The first part of the day will be spent at the Norwegian Aquaculture Center located at Toft, a 15 minutes' drive from Brønnøysund. This is a center and facility focused on sharing knowledge about Norwegian sea farming, particularly salmon farming in the sea. We will be given a presentation and overview of the process where they produce the salmon. The Norwegian Aquaculture Center share facilities with Campus Blue, a private upper secondary school which was opened in 2018.

*Remember to ask the questions you prepared on Monday.*

### After the visit to the Aquaculture Center:

*Prepare questions you would like to ask the following day during our excursion to the shore with the marine biologist.*

08.15 – 09.00	Breakfast at the school	The students may also have their breakfast with the host families
09.00 – 09.15	Today's programme	
09.15 – 09.30	Bus transport to the Norwegian Aquaculture Center	<a href="#">Norsk Havbrukssenter   Moderne havbruk på vakre Helgeland</a>
09.30 – 11.30	Norwegian Aquaculture Center	
11.30	Bus transport back to the school	
12.00 – 12.30	Lunch	
12.30 – 15.00	Work with tasks	
15.00 – 15.30	Dinner served at school	
15.45 – 18.00	Trip to the Mountain of Torghatten	

## Thursday October 6<sup>th</sup>

The first part of the day will be spent on group work. After lunch we will have an excursion to a nearby shore, which we will reach on foot. We will meet the marine biologist Sebastian Strand and together we will learn about the importance of the marine biodiversity.

*Prepare the questions you would like to ask the marine biologist which will be relevant for your poster.*

08.30 – 09.00	Breakfast at school	The students may also have their breakfast with the host families
09.00 – 09.15	Today's programme	
09.15 – 11.30	Work with tasks	
11.30 – 12.00	Lunch at school	
12.00 – 15.00	Excursion to the shore	Nearby the school
15.30 – 17.00	Dinner	Seafood is served Dinner is prepared by students from the educational programme <i>Restaurant and Food Processing</i>
17.00 -	Social activities	

### Friday October 7<sup>th</sup>

08.30 – 09.00	Breakfast at school	The students may also have their breakfast with the host families
09.00 – 11.30	Work in groups	Finishing poster and preparing the presentation of poster and picture
11:30 – 12:15	Lunch	
12.15 – 13.15	Presentations by the groups	(10 minutes per group)
13.15 – 16.00	Free time in Brønnøysund	
Before 16.30	Embarking Hurtigruten	Hurtigruten arrives in Brønnøysund at 15.15 and leaves at 17.15

## Attachments

### The poster - checklist

- Are the headlines good?
- Is it a good context between the text and the headlines?
- Are the references correct?
- Is the professional content relevant to your topic?
- Have you answered the questions asked to your topic?
- Are the pictures good and relevant to your topic? Use high quality pictures. Blurriness or pixilation will make a catastrophe when you print out the poster.
- Who is your target for the poster? (Your friends? Your mum? Your community?) Identify the goal of your poster.
- “Less is more”
- Pick a relevant colour scheme. This is something that is possible to choose in the PowerPoint template.
- Make a clear call! Once you have someone’s attention, you need to make it clear what their next steps are to help. A call to action!
- Use a good font and font colour. If you choose a font that does not contrast, it will be very difficult to read your poster.
- Use icons, symbols, and figures to visualise your topic.
- Most important- Discuss, be kind to each other and have fun when you make the poster 😊

### Resources:

- [The sustainable development report from 2022 is a global assessment of countries’ progress towards achieving the sustainable development goals.](#)
- <https://sdgs.un.org/topics/oceans-and-seas>
- <https://www.unep.org/explore-topics/sustainable-development-goals/why-do-sustainable-development-goals-matter/goal-14>
- <https://www.unep.org/explore-topics/sustainable-development-goals/why-do-sustainable-development-goals-matter/goal-14>
- <https://www.globalseafood.org/advocate/regenerative-ocean-farming-is-trending-but-can-it-be-a-successful-business-model/>
- <https://www.theexplorer.no/solutions/ocean-farm-1--moving-fish-farms-out-to-sea/>