



## **Face the Challenge, Europe! (KA229 Project, 2018–2020)**

**Learning / Teaching / Training Activity, Äänekoski, Finland  
20–26 January 2020**

**Äänekosken lukio, Åkrahällskolan Nybro, BC Broekhin, Externato de Penafirme**

**Finland – Sweden – The Netherlands – Portugal**



Co-funded by the  
Erasmus+ Programme  
of the European Union

## Participants

### Finnish hosts

Helmi Hintikka  
Anni Hyytiäinen  
Lenni Härtsiä (2)  
Inari Kallio  
Ida Lahtinen  
Suvi Riipinen  
Topi Summala  
Nellamaria Tuimala

Ilona Huttunen  
Eerika Laitinen  
Emmi Lehtonen (2)  
Noren Nabi (2)  
Viivi Saari  
Tiina Tarvainen  
Essi Virmanen

Katri Hänninen  
Saana Kaikkonen  
Artturi Kurikka  
Emmi Lehtonen (2)  
Noren Nabi (2)  
Liisa Uljas  
Jasmiina Väisänen

### Swedish, Dutch and Portuguese students

Daan Janssen  
Casper Laumen  
Jorn van Schagen  
Pleun Heijnen  
Zoë Schippers  
Stella Janssen  
Luuk Bastings  
Nadine Latta

Mariana Penetra  
Maria Inglês  
Beatriz Batalha  
Beatriz Colares  
Sara Paulino  
Bianca Henriques  
Mariana Barros

Hanna Olson  
Emma Fritzon  
Samuel Runmark Thunell  
Olga Hultqvist  
Emma Åkesson  
Lisa Weinbach  
Nadja Ericson

**Finnish teachers:** Panu Kosonen (+358 40 844 0973), Kimmo Tuikka (+358 40 0544 639), Minna Oksanen (+358 40 844 0063), Tuula Seläntö (+358 50 522 3870), and others.

**Visiting teachers from Sweden:** Lars Bergkvist, Muaaz Selo

**Visiting teachers from the Netherlands:** Juanita van Montfort, Wouter Nijssen

**Visiting teachers from Portugal:** Eva Michel, Marisa Tomás Santos

## Monday 20

Arrival in Äänekoski in the evening. Host families waiting for their guests:

- The Portuguese arrive at 20.15 at the bus stop used by Onnibus near Highway 4 (*Äänekoski liittymä P*). Finnish families can park their cars at Halpahalli to pick the guests up.
- The Swedish arrive with a hired van at about 21–22 at our school's parking lot (*Äänekosken lukio*; address: *Kuhnamontie 5b, Äänekoski*)

## Tuesday 21

8.30 Starting the project week at the school

- Presenting the preliminary assignments
- Information on how the school's student board has facilitated recycling at our school (Liisa U. & Rosa T.)

11.30 Warm school lunch

12.15–15.00 Working at the school

18.00 Teachers' dinner

## Wednesday 22

8.30 Working at the school

11.30 School lunch

12.30 Starting to walk to the bioproduct mill and Pro Nemus (address: *Sarvelantie 1, Äänekoski*)

13–16 Visiting Metsä Group's visitor centre Pro Nemus:

<https://www.metsagroup.com/en/about-us/Pro%20Nemus/Pages/default.aspx>

Metsä Group is a Finnish forest industry group, and the bioproduct mill in Äänekoski is the world's most modern wood-processing plant and the largest in the Northern Hemisphere: <https://www.metsafibre.com/en/about-us/Production-units/Bioproduct-mill/Pages/default.aspx>

In addition to producing traditional bioproducts, such as pulp, tall oil, and turpentine, the bioproduct mill is a platform for innovations: upgrading of lignin and manufacture of textile fibres from pulp are progressing at the research stage:

<https://dreambroker.com/channel/g01yqu5c/ud4mh1kr> &

<https://www.metsagroup.com/en/Campaigns/IntelligentMetsa/intelligentfibre/Pages/default.aspx#> Wood-based materials are alternatives to plastic, which makes all

this relevant for us.

18–21 Spending time at Laajaniemi (a light meal, frying sausages, sauna)

## Thursday 23

8.30 Working at the school

11.30 School lunch

12.15 Working at the school

13.00 Bus leaves for Jyväskylä

14.00–14.45 A talk about microbes and microplastics in lakes + Q & A (University of Jyväskylä, Ruusupuisto, *Alvar Aallon katu 9, Jyväskylä*)

c. 15.15 Toivola Old Courtyard (*Cygnaeuksenkatu 2, Jyväskylä*;

<https://vanhapiha.fi/en/>)

c. 16.15 Observation Tower & Natural History Museum of Central Finland

(*Ihantolantie 5, Jyväskylä*; <https://www.jyu.fi/erillis/museo/en/natural>)

c. 17.15 Free time in the centre of Jyväskylä

19.00 Bus leaves back to Äänekoski from *Harjukadun tilausajolaituri (Harjukatu 6, Jyväskylä)*

## Friday 24

8.30 Working at the school

11.30 School lunch

12.15–15.00 Working at the school

Presenting the end products

18–21: Evening get-together evening (food organized in potluck fashion; music by Noren, Inari, Sanna-Mari, Elli and Janica)

## Saturday 25

Family day: spending time with the host family and/or with other students

## Sunday 26

Leaving Äänekoski for the home countries

- The Portuguese leave for Jyväskylä from Äänekoski bus station (near Citymarket) at 9.00. Be there at 8.50 at the latest. The bus goes through Laukaa, and the next bus from Jyväskylä to Helsinki (Onnibus) leaves from Jyväskylä Travel Centre at 11.20.