



AURORA

ENTREPRENEURIALIS

Innovation Camp
Sustainable Transition in the North
16 – 18 April 2024
Luleå

Welcome to Luleå!

This time, we are gathering for the first ever innovation camp in the Aurora Entrepreneurialis project. The theme is the industrial transition and social transformation in northern Sweden.

A key word for this event is *polyphony*, which means a multiplicity of sounds or voices.

There are three goals for this event:

- For everyone to learn about the transition in the region and understand the complexity of it.
- For everyone to learn how to come up with and develop an idea.
- For each student group to create a two-minute-long video where you pitch your idea.

During these three days, all students will be working in mixed teams with Swedish and Finnish students. We will make sure that you have one friend with you from your own school. All teachers will also work in mixed teams, your job will be coaching some of the student teams in their work with the innovation challenge.

We are going to work in two parallel tracks. You will spend quite a lot of time learning about the issues by doing study visits and asking questions – that is the “many voices” part. At the same time, the students will be working in their teams with coming up with and developing an idea for the innovation challenge, and the teachers will be coaching them.

In the very end of the event, the students will present their videos to a jury, who will select the winning team.

You have got the Innovation Challenge, so feel free to start thinking about possible ideas!

Funded by



Program

Tue. 16th of April 2024

Location: Elite Stadshotellet, Storgatan 15, Luleå

11:15 Lunch, Elite Stadshotellet, Storgatan 15, Luleå

Location: Vetenskapens Hus, Storgatan 53, Luleå

12:15 *Welcome and introduction to the days in Luleå*, Linda Strandenhed & project staff

12:30 *Lecture on the transition in the region*, Dag Avango, professor of history, Luleå Technical University

13:30 Circular Team Building Exercise (Mixed groups with Swedish and Finnish participants)

15:00 Introduction to the Innovation Challenge, key concepts, and goals for the event

15:30 Group work on the Innovation Challenge
(Choosing team roles, topics, brainstorming ideas and starting to work together.)

17:30 Check-in at Elite Stadshotellet, Storgatan 15, Luleå

18:30 Dinner, Quality Hotel, Storgatan 17, Luleå

20:00 **Movie Night at Folkets Bio Royal**, Nygatan 1
(A series of short films from the region in cooperation with Filmpool Nord.)

Wed. 17th of April 2024

06:00 – 08:30 Breakfast

Location: Vetenskapens Hus, Storgatan 53, Luleå

09:00 – 09:45 Presentation by Hybrit & SSAB, Vetenskapens Hus

10:00 – 13:00 Group A will travel by bus for a study visit at SSAB & Hybrit. Lunch in bus on return.

10:00 – 13:00 Group B will have time in the city centre to do study visits and group work.

13:00 – 16:00 Group B will travel by bus for a study visit at SSAB & Hybrit. Lunch in bus.

13:00 – 16:00 Group A will have time in the city centre to do study visits and group work.

16:00 – 17:30 Everyone reconvenes at Vetenskapens Hus, time for fika, group work and coaching.

19:30 Dinner at Hemmagastronomi, Norra Strandgatan 1, Luleå.
Evening, independent group work

Thurs. 18th of April 2024

06:00 – 09:30 Breakfast

09:30 Check out - those travelling with the booked buses can leave any luggage they don't need during the day in their bus. (Everyone else can leave their luggage at the hotel or at Vetenskapens Hus.)

Location: Vetenskapens Hus, Storgatan 53, Luleå

10:00 Film workshop, finalizing pitch, creating a video recording, and submitting the video.

13:00 Deadline for submitting videos.

13:30 – 14:30 Lunch, Bastard Burgers, Stationsgatan 29 or Storgatan 51

14:45 Award ceremony, at Vetenskapens Hus, Storgatan 53, Luleå

15:30 End of event and travelling home

Important info and pack list

Here is a list of things that you should bring with you:

- A pen
- A pair of trousers or leggings
- Comfortable shoes and warm clothes (for walking and being outside)
- Finnish participants, bring valid ID
- Students, if possible, please bring a laptop. During the 18/4, you will be working with video editing, and it will be very useful to have a laptop. We are going to work with the free program CapCut. It would be great if you can download it before you come to Luleå: www.capcut.com

Note! When we visit SSAB and Hybrit on the 17th of April, there is a dress code for safety reasons. **Everyone needs to wear trousers or leggings and closed, low-heeled shoes.** You cannot wear stockings, skirts, long dresses, or shorts. You cannot wear shoes with high heels or open shoes/sandals.

We will be a big group and lots of people have similar coats and shoes. Please mark your coat or jacket so that you can find it again. (For example: tying a ribbon to it or putting something in your pocket.)

Travel schedules

The bus schedules will be published in a separate email by group leaders:

Raija Paasimaa (participants from Torne Valley)

Kati Ilkka & Pietu Niinimäki (participants from Oulu region)

Swedish participants will get specific instructions from their teachers.

Accommodation & Food

The event includes free accommodation and food.

Elite Stadshotellet, Luleå

Address: Storgatan 15, 972 32, Luleå

Phone: +46(0)920274000

Email: bokning.lulea@elite.se

Link to website: <https://www.elite.se/hotell/lulea/elite-stadshotellet-lulea/>

Breakfast: Buffet provided at the hotel at 06:00-09:30

Emergencies

In all health-related situations, please consult your teacher and act according to the insurance policy of your school/institution.

Emergency number in Sweden: 112

Health care advice helpline: When calling from a Swedish phone number, dial 1177, when calling from an international phone number, dial +46 771 11 77 00.

The public emergency unit in Luleå:

Sunderby Hospital (Address: Akutmottagningen Sunderby sjukhus, Sjukhusvägen 10, Södra Sunderby)

Study Visits

SSAB & Hybrit

SSAB and HYBRIT are two representatives leading the industrial transition in the region. We will all get to visit them in Luleå.

SSAB is a global steel company that produces high-strength steel. SSAB is the largest steel sheet manufacturer in Scandinavia, with its blast furnace, coking plant, and steelworks located in Luleå and its rolling mills and coating plants in Borlänge. They have production in Sweden, Finland, and the USA. The company also works in China, Brazil, and other countries.

SSAB, LKAB and Vattenfall are collaborating to change the Swedish iron and steel industry. Under the name HYBRIT, they are working to develop the first fossil-free steel. The HYBRIT technology has the potential to reduce Sweden's total carbon dioxide emissions by at least ten percent. This is equivalent to one third of the emissions from the industry and may, in the future, help to reduce emissions from iron and steel production globally.



SSAB (Photo: Pontus Wikström)



People working at SSAB (Model: Sofie Nilsson, Photo: SSAB)



Hybrit plant in Luleå (Photo: HYBRIT)

The Swedish Society for Nature Conservation/Naturskyddsföreningen

The Swedish Society for Nature Conservation (SSNC) is the largest environmental organisation in Sweden. The Swedish Society for Nature Conservation spreads knowledge, chart environmental threats, propose solutions and influence politicians and authorities, both nationally and internationally. SSNC works with around 40 organisations in Africa, Asia, Latin America, and Eastern Europe, and participates in networks globally and within the EU.

Marie and Johanna will meet us at Gältzauudden, a green area near the city centre of Luleå.

Marie Karlsson is a nature value inventory specialist and course instructor. She has studied Sami legal issues (Sami law) at LTU. Marie is one of the leaders of the SSNC's Forest Network in Norrbotten.

Johanna Nilsson is a marine biologist. She works for the Swedish Society for Nature Conservation. Part of her work includes supporting all the local chapters of SSNC all over Norrbotten.



Marie Karlsson, Swedish Society for Nature Conservation



Johanna Nilsson, Swedish Society for Nature Conservation

Luleåbiennalen 2024

Luleå Konsthall, Kulturens Hus, Skeppsbron 17, Luleå

The art exhibition Luleåbiennalen 2024 - *On the threshold of 1:1* – takes place in different places all around Norrbotten. During our event we will have the chance to visit parts of the exhibition at Kulturens Hus in Luleå. This art exhibition takes place every second year, and luckily for us, this year their theme is the same as ours – the industrial transition and social transformation in northern Sweden!

“On the threshold of 1:1 wishes to critically reflect on the current changes in the built environment and social fabric in Norrbotten, connecting the region to other places and communities around the globe undergoing parallel processes, in order to explore the possibilities that emerge from such states of in-betweenness.” artistic directors Aude Christel Mgba & Bruno Alves de Almeida

More info

[Luleåbiennalen \(luleabiennalen.se\)](http://luleabiennalen.se)

[SVT News article: Konstverk belyser drastiska förändringar i Norrbotten](http://svt.se/2024/02/13/konstverk-belyser-drastiska-forandringar-i-norrbotten)

Samlat & Lumire

Some of the groups will get to visit Samlat and meet with Francesca Mantea (on the left) and Veronica Wendum (on the right).

The second-hand shop Samlat is run by Lumire, Luleå's waste management service, together with several other actors. They want to inspire customers to reduce waste and achieve a reduced environmental impact by promoting second-hand shopping or other means of sharing, borrowing, or reusing clothes and items.

Francesca is originally from Greece where she has studied fashion design. She has always had a big interest in clothes and fashion. After she started working at Samlat, she's become aware of ways to dress and express herself more sustainably. She has worked at Samlat and Returpunkten for 1,5 years now. Her role at Samlat is the visual merchandiser, whereas at Returpunkten Francesca gets to use her creativity to make remakes from reused materials and garments.

Veronica has a background as a middle school/high school teacher and has recently started to work for Lumire as a sustainability strategist and environmental teacher. Her mission is, amongst other things, to work towards making Luleå a more sustainable city based on second hand and recycling. The mission is also to make people aware of the benefits of recycling, reusing, remaking and to make more sustainable choices both towards people in general but also students of all ages. She also has a background in sustainable fashion and works with some styling.



*Francesca Mantea (left), Samlat and Veronica Wendum (right),
Lumire*

Hushållningssällskapet

Hushållningssällskapet is Sweden's oldest agricultural organisation, with a history reaching back to the 1700's. They are independent, regional, knowledge-based organisations that work with issues of rural development, agriculture, and sustainability.

Some groups will get to visit Hushållningssällskapet Norrbotten Västerbotten, where you will meet Håkan Landström, who works with the project Arctic Winery, and food consultant Pelle Johansson. They will tell us more about the role of sustainable food production in the region, potential conflicts of interest and the opportunities and challenges that they see connected to the transition in the region.

Jury

We have chosen a jury of professionals who can take your ideas and bring them with them to their own work. In that way, your ideas won't be just another exercise. If they are good enough, you can contribute to the development of this region.

Maja Alasalmi is a strategist at the Department of Regional Development, Region Norrbotten. Maja works with communication and with a focus on young people. She has previously worked as a producer at Ung Scen Norr at Norrbotten Theatre and is passionate about issues related to social sustainability and human rights.

Jenny Lindberg is a strategist working with community planning at Luleå Municipality. Jenny is an architect that focuses on issues related to housing supply, rural development, architecture, and cultural heritage policies, as well as an innovation project called "Visions in the North".

Linda Rönnbäck is a visits and event coordinator at SSAB Luleå. She is also the local project manager for an EU-project that is ongoing at SSAB. The project includes competence development for all the staff to prepare them for the new mini mill that SSAB will build in the years to come as a part of the green transition.

Helena Sundberg is a site and visitor manager at Hybrit Development AB. She also works with project management and communication.

Roine Viklund is a senior lecturer of history at the Department of Social Sciences, Technology and Arts at Luleå Technical University. His research interests include natural resource conflicts in relation to mining, railroads, and the history of Luleå and the region.

Project description

The Aurora Entrepreneurialis project works to develop entrepreneurship education in secondary-level schools. We focus on students and teachers, and we have three key themes: 1. entrepreneurial culture in schools, 2. sustainable entrepreneurship in education, and 3. cross-border collaboration.

We organise collaboration between schools and exchange events like innovation camps, study visits and workshops. We also organise digital teacher training and create cross-border networks. We want to give young people skills and experiences to become enterprising citizens who can take advantage of opportunities to work, study and run sustainable enterprises and who are able to help create a more sustainable future.

Sustainability is an overarching theme of the project. We have a thematic focus on sustainable entrepreneurship, dealing with the ability to discover, create, and utilize entrepreneurial opportunities that help to build sustainable societies. The skills students learn while working with entrepreneurship, such as collaboration, initiative, courage, creativity, and responsibility, are useful when tackling complex wicked problems like sustainability issues.

Map with important locations



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Welcome to Luleå!