

The CRESCENDOschools network has now worked directly with over 140 teenagers from Sweden, France, UK, Albania and Bulgaria. Our activities have ranged from more traditional formats, such as lectures and written reports, to more innovative ones, such as serious games and storytelling through music and video. Our work with high-school students has allowed us to communicate the knowledge developed in the project, as well as more general climate science, in an engaging, meaningful and understandable form.



Earth is a teenage girl. She is not feeling well; rising fever, dry skin and mood swings are some of the symptoms. The doctor tells her: "You are infected with humans... they have caused you climate change. Humans must work together, only then will you get better."



Video "If Earth was human"
Edvi, Suela and Stela
Albania



CRESCENDOschools

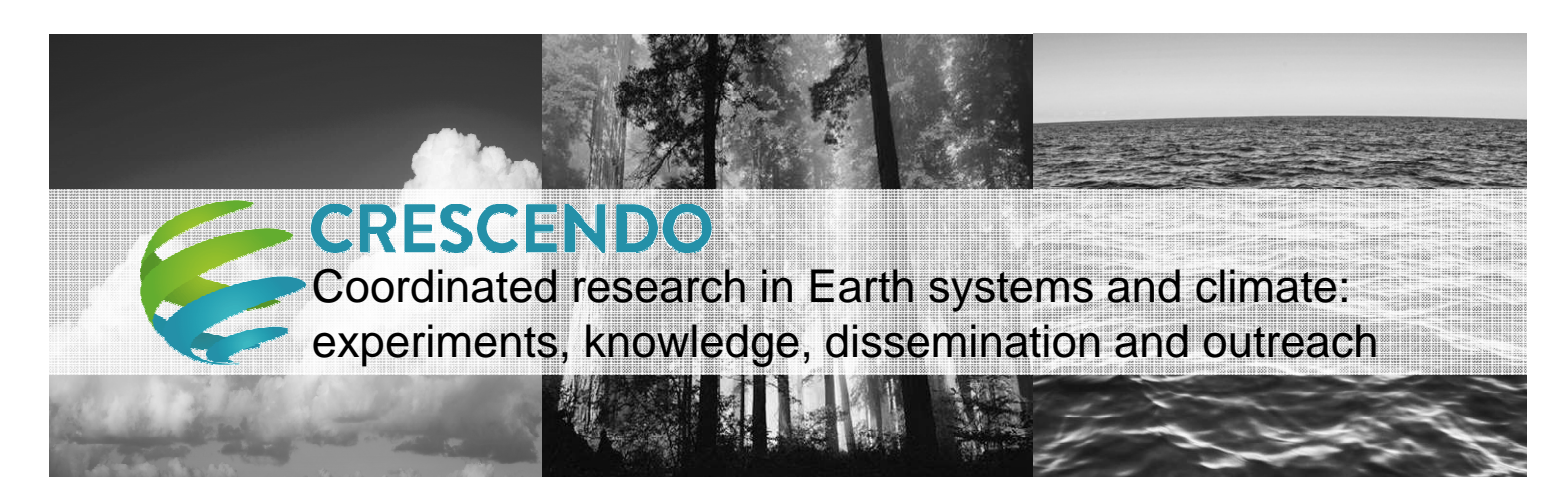
engaging young people with climate science through scientific education, social media and art

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The CRESCENDO project is working to...

- Improve the representation of key biogeochemical and aerosol processes in Earth System Models
- Develop and apply a evaluation tool for benchmarking and advanced analysis of simulations
- Diagnose and quantify key Earth system feedbacks and their role in future Earth system change
- Coordinate a European contribution to key Model Intercomparison Projects (MIPs) within CMIP6
- Collaborate with the climate impacts and regional downscaling communities to ensure the data produced in the project is useful and fully used
- Ensure knowledge developed in the project is communicated to key stakeholder communities in an engaging and understandable form.



ACT I

The year is 2015. Upstage to the right an armchair on which Skyler's dad is seated, his face hidden behind a newspaper. Skyler is on the carpet, laying on her stomach, switching between radio stations until she settles on a station where someone is talking about climate change.

Skyler: Dad, what's climate change?

Dad: Don't worry... grownup stuff...

(...)

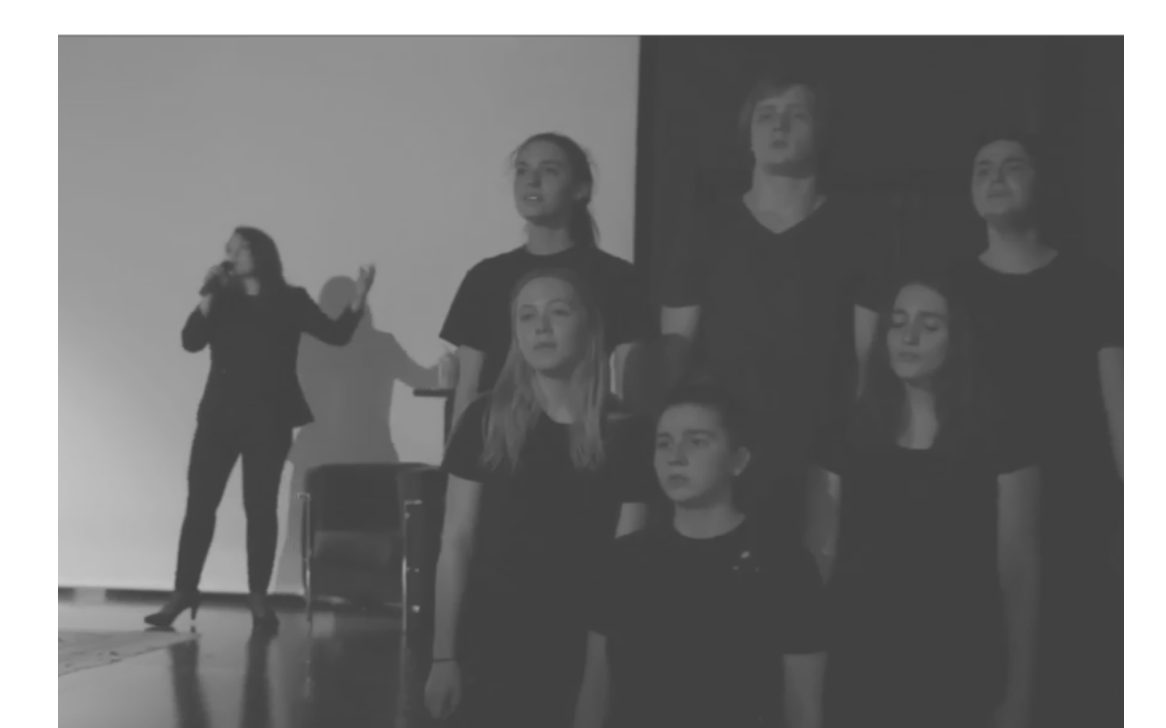
ACT II

The year is 2112. Skyler finds herself in the future; there she meets Miles (...)



ACT III

After coming back from the present, Skyler finds the house empty. She looks around and notices the positive changes in the world around her, in this future, thanks to hear and all humankind's actions. But Miles is nowhere to be found. She starts to sing "The beginning of something new"....



2100 The Musical
Student from
École Jeannine Manuel
Paris



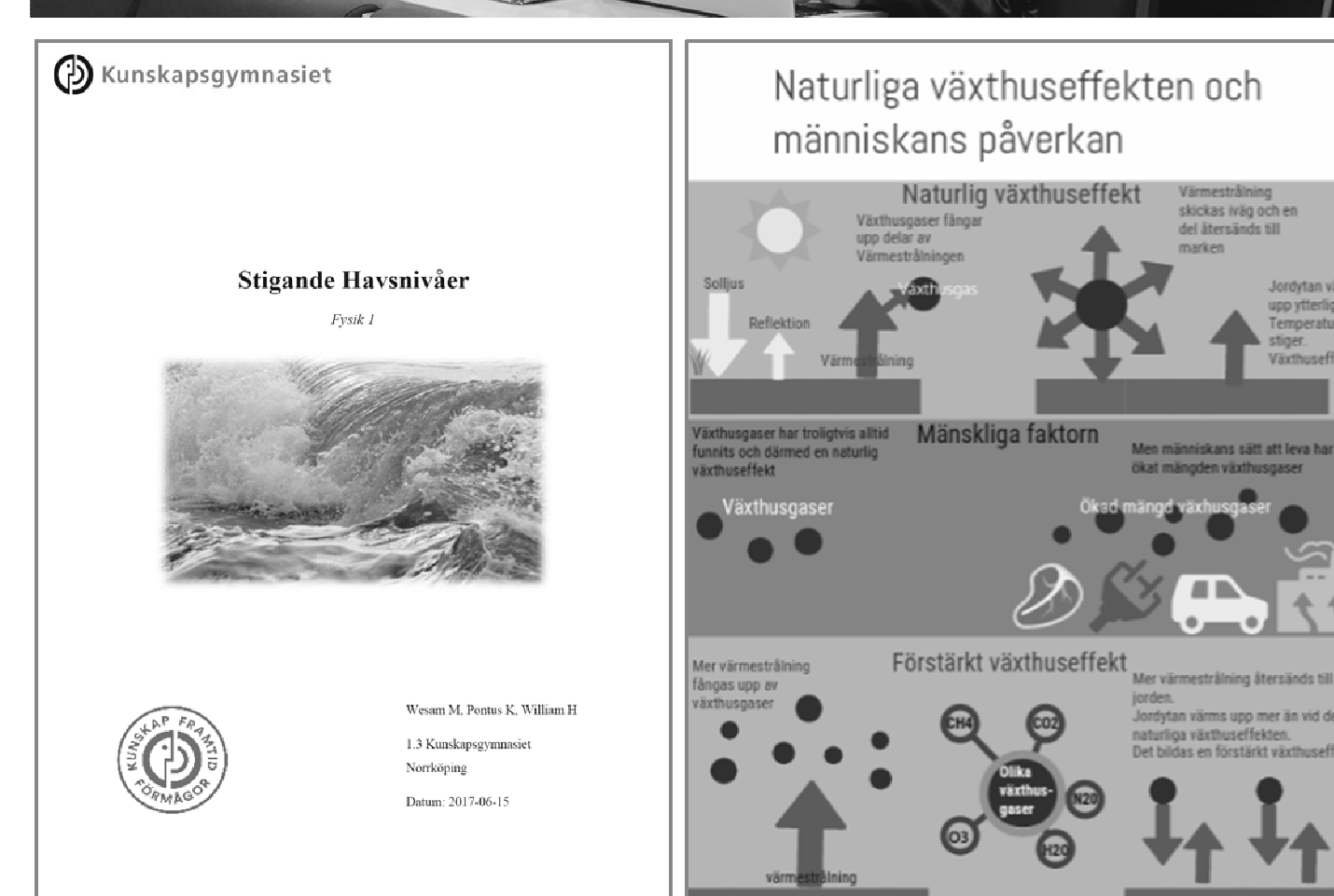
CRESCENDOschools is a network of schools for Earth system modelling and climate change.

The schools involved are exploring the science of global change and the scientific techniques used to model the climate and make future climate predictions

Students are:

- increasing their scientific understanding of global climate change and discuss potential solutions and impacts, on society and nature, of global change
- interacting with research scientists working in the field
- developing means to communicate about climate change science to other students

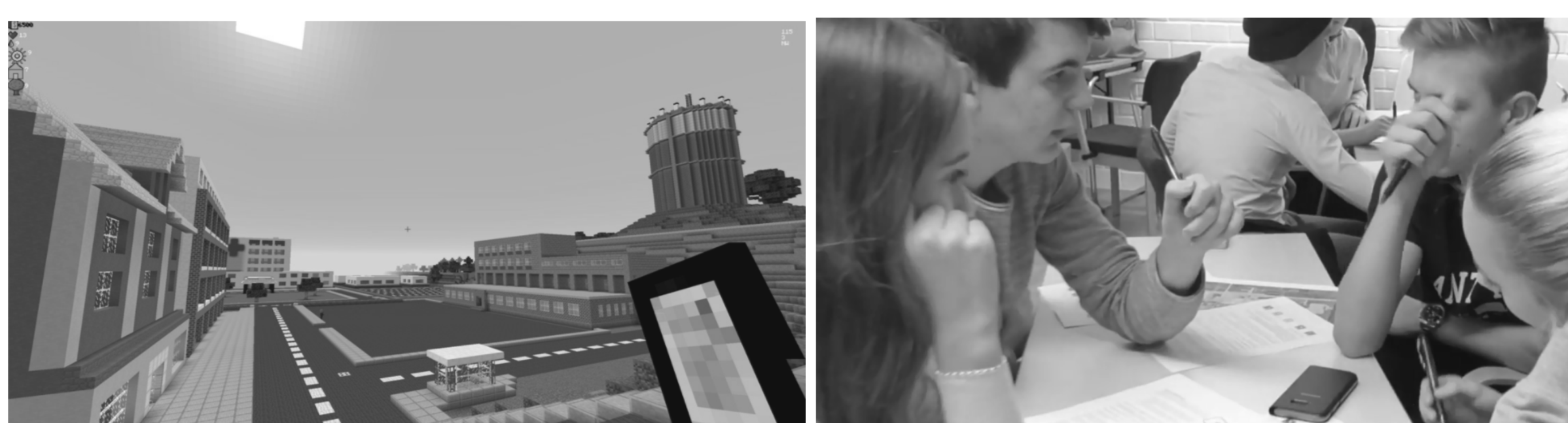
Lectures, reports and infographics



Students from Kunskapsgymnasiet
Norrköping

Serious gaming: adapting your city to climate change

The year is 2020. Scientific studies for the region show that the risk for heatwaves and floods will significantly increase in the next 30 years. You are part of the city council / business association / pensioner group / environmental NGO. It's up to you to work out how you'll meet the challenges ahead, what measures to prioritize and how much you are prepared to spend!



The game is a collaboration between **LIU** LINKÖPINGS UNIVERSITET and **SMHI**

ACKNOWLEDGEMENT:

CRESCENDO is a European Union Horizon 2020 Project funded under the programme SC5-01-2014: Advanced Earth-system models under grant agreement No 641816.

