

Travelling through a pandemic: the **GEOclimHOME - PRO** exchanges runned over the Covid-19

Ilaria SELVAGGIO^{1}, Luigi PEROTTI², Patrizia BALZARINI³, Riitta OLSBO⁴, Mikko KIUTTU⁵, Sophie JUSTICE⁶, Cristina VIANI², Marco GIARDINO²*

¹Sesia Val Grande UNESCO Global Geopark, Italy; ²University of Turin, Earth Sciences Department, Italy; ³“Istituto Cobianchi” High School, Italy; ⁴“Vaalan Lukio” High School, Finland; ⁵Rokua UNESCO Global Geopark, Finland; ⁶Chablais UNESCO Global Geopark, France.



Erasmus+



ASSOCIAZIONE
SESA VAL GRANDE
GEO PARK



eLYcée
Auvergne-Rhône-Alpes



The project



Erasmus+

GEOclimhome-PRO

“Geoheritage and climate change for highlighting the professional perspective”

3-years Erasmus+ project

Secondary schools

Three European UNESCO Global Geoparks



The project



Erasmus+

Main focus: climate change

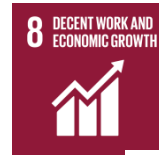
- Knowledge on **driving processes**
- Understanding **consequences** and **adaptation measures**



Awareness of
social responsibility

Aim and objectives

Stimulate
active citizenship



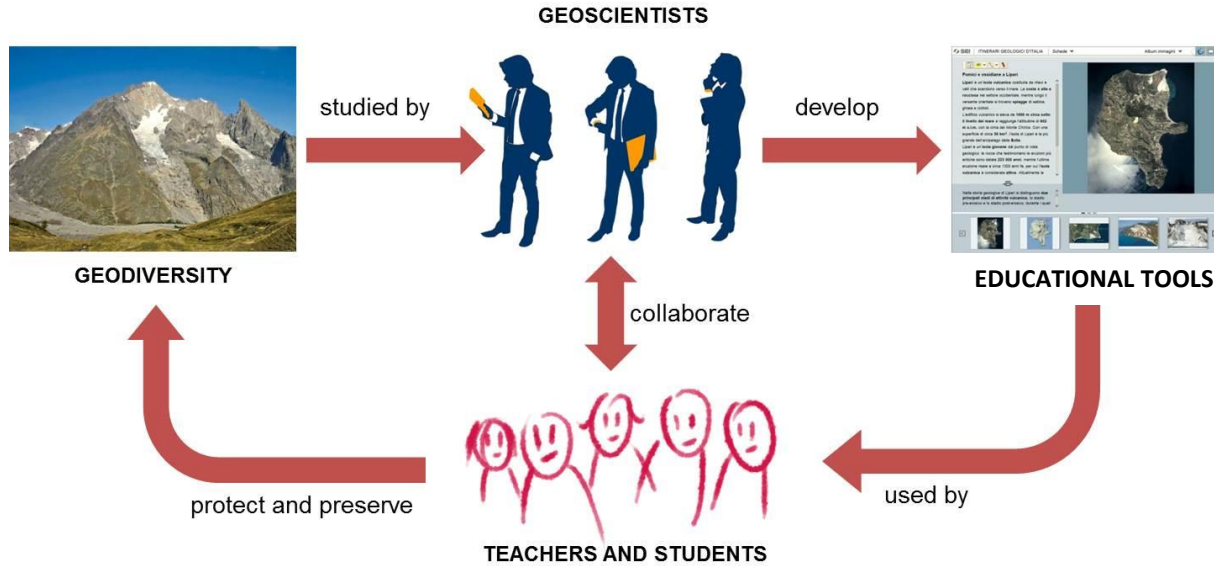
**SUSTAINABLE
DEVELOPMENT
GOALS**



Inspire job opportunities



Strong point: Educational Methodology



Engagement

Transnational exchanges

Science practical experience

Team working

Shared knowledge

Exchange / Remote nation

Autumn 2018 – autumn 2019: the first part of the project

TIME	MEETING	REMOTE ACTIVITIES	ADJUSTMENTS
October 2018	Finland to France	Italy	Done (1)
March 2019	France to Finland	Italy	Done (1)
November 2019	Italy to France	Finland	Done (1)



Autumn 2018 – autumn 2019: the first part of the project

TIME	MEETING	REMOTE ACTIVITIES	ADJUSTMENTS
October 2018	Finland to France	Italy	Done (1)
March 2019	France to Finland	Italy	Done (1)
November 2019	Italy to France	Finland	Done (1)



Families



Conferences



Activities



Activities



Before the Covid – 19 : engaging approach



STRONG POINT



With the Covid – 19



WEAKNESS



With the Covid – 19



CHALLENGE



During the Covid – 19:

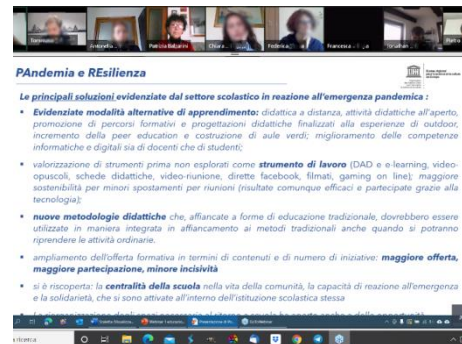
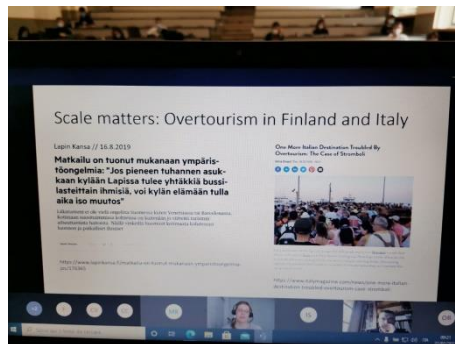
2020

TIME	MEETINGS	REMOTE ACTIVITIES	ADJUSTMENTS
April 2020	France to Italy CANCELED	Finland	Canceled
November 2020	Finland to Italy	France POSTPONED	Rescheduled (oct 2021) if possible or remote activities (1) (2) (3)

IN PRESENCE

REAL + VIRTUAL

REMOTE WORKING



During the Covid – 19:

February 2021

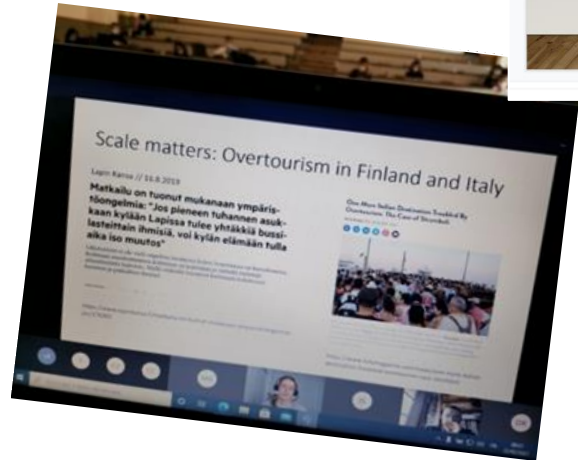
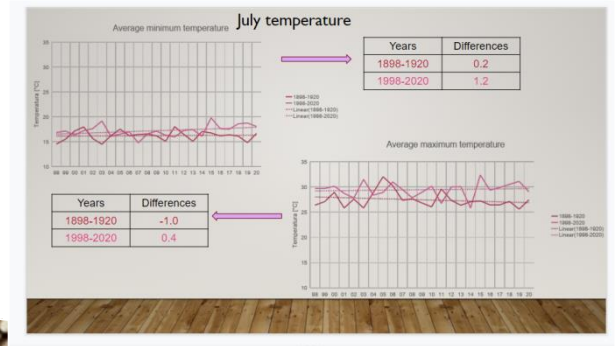
TIME	MEETING	REMOTE ACTIVITIES	ADJUSTMENTS
February 2021	Italy to Finland	France	Mix presence + remote

No travels

Presence at school

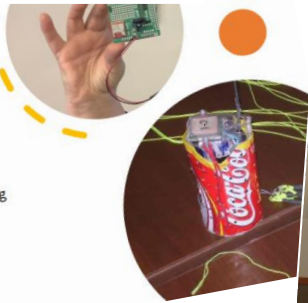
Labs in each school

Virtual meetings between nations



How to build a climate satellite

- You need an aluminium can and an Arduino Uno electronic controller.
- Sensors that measure temperature, air pressure, UV-radiation etc.
- A radio transmission for collecting data during the flight.
- A GPS-tracker, a SD-card and a parachute.



During the Covid – 19:

October 2021

TIME	MEETING	REMOTE ACTIVITIES	ADJUSTMENTS
October 2021	Finland to Italy	France	Real activities!

Introductions

Together again!

Labs



Field activities

Final speeches

During the Covid – 19:

December 2021

TIME	MEETING	ADJUSTMENTS
December 2021	Italy and France to Finland – final event	Rescheduled (dec 2021) if possible or remote activities (1) (2) (3)

Real meeting
June 2021

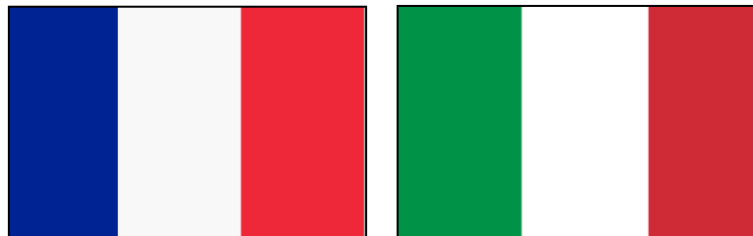
POSTPONED

Real meeting
December 2021

CANCELED

Virtual meeting

The virus again!



Virtual work
in groups

Final seminar
online

Discussion panel
online

What we learned in these years

Education as **global citizens**

Be **ready!**

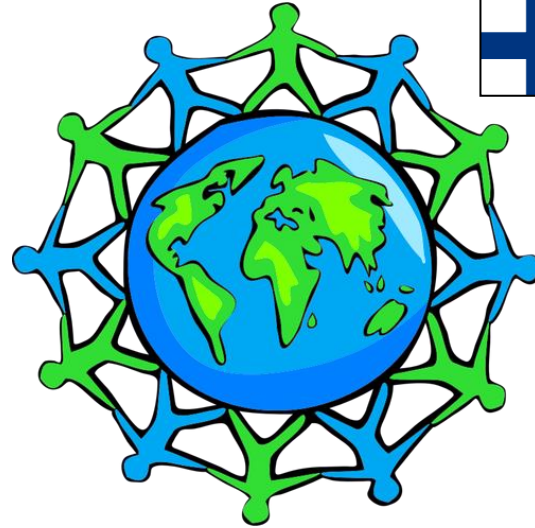
Be **smart!**

Be **brave!**

Resilience



Global changes



Erasmus+ -project GEOclimPRO

GEOHERITAGE AND CLIMATE CHANGE FOR HIGHLIGHTING THE PROFESSIONAL PERSPECTIVE

Our project / Exchange weeks / Evaluations / SDG 17 Partnerships for the goals / SDG 6 Clean water and sanitation / SDG 11 Sustainable cities and communities / SDG 4 Quality education
/ SDG 8 Decent work and economic growth / SDG 15 Life on land / SDG 13 Climate action / SDG 7 Affordable and clean energy / GEOclimHOME 2015-2018 ▼



Thanks for your attention

selvaggio.ilaria@gmail.com

<https://geoclimhomeblog.wordpress.com/>



Erasmus+



ASSOCIAZIONE
SESIA VAL GRANDE
GEO PARK



elycée
Auvergne-Rhône-Alpes

