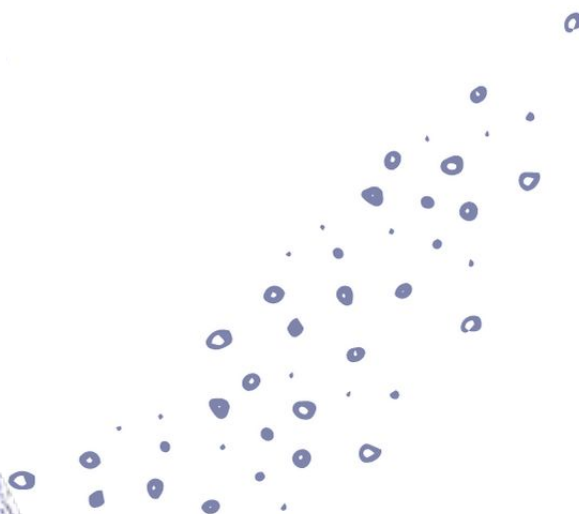
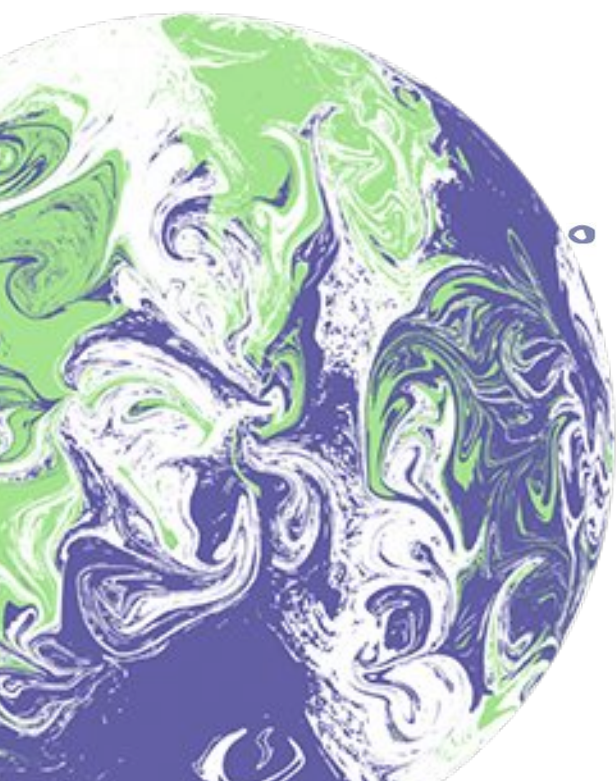




On the road to



Expression of Interest





THE CLIMATE COLLAGE

OUR PRESENCE AT THE COP 26

Green Zone

Expression of Interest 1

Exhibition Space within
the Green Zone

🕒 2 weeks

Expression of Interest 2

Climate Collage
Workshops Event within
the Green Zone

🕒 3h30

Blue Zone

Session panels

Expression of Interest 3

Panel session: from
planetary to social
tipping points

🕒 1h

Expression of Interest 4

Panel session with
decision-makers to
leverage climate education

🕒 1h

*Live-streaming and interactions with
the audience in a local University*

Glasgow Climate
Education Summit



THE CLIMATE COLLAGE

42 CARDS TO UNDERSTAND CLIMATE CHANGE



“ The Climate Collage is an innovative, participatory and accessible approach to understand the scientific basis of climate change. This exchange of knowledge is a key first step for everyone to choose how to act effectively, in line with the issues at stake. ”

Dr. Valérie Masson-Delmotte, climate scientist, Co-chair of the IPCC WG I

In the public, private and professional spheres, our objective is to disseminate as quickly as possible a common and scientific understanding of climate issues.



135.000

SENSITISED PEOPLE

6.000

FACILITATORS

79

INTERNATIONAL
REPRESENTATIVES

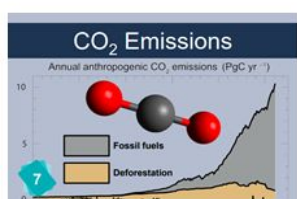
23

LANGUAGES



AN INNOVATIVE WORKSHOP

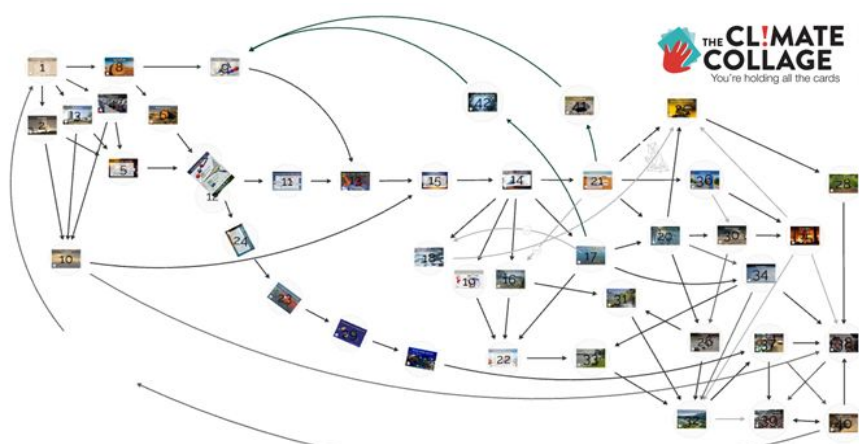
In short, The Climate Collage is a **serious game** where participants, guided by a facilitator, use their collective intelligence to build a collage and link the causes and consequences of climate change using **42 cards** that represent the different dimensions of climate change (*Transportation, Additional Greenhouse Effect, Carbon Sinks, Terrestrial Biodiversity, Melting of Ice Sheets...*).



CO₂ (or carbon dioxide) is the first anthropogenic (ie linked to human activity) greenhouse gas in terms of emissions. These emissions come from our use of fossil fuels and deforestation.

Set 1

The "CO2 Emissions" card, recto verso



Linking the cards in an order from causes to consequences

The Climate Collage content is entirely grounded in the work of the UN IPCC and its reports



HOW IT WORKS ?



REASONING

Discovering and linking the cards and creating the collage.



CREATIVITY

Relaxing, taking ownership of the collage by decorating it.



DEBRIEF

A calm discussion on the participant's emotions and questions to finally brainstorm over the individual and collective solutions.

This complementarity of **learning by doing**, **creativity** and the **sharing** of personal emotions the workshop vehicles important **values and skills** such as collaborative thinking, listening to others' opinions and emotions, intergenerational dialogues, commitment to act...



AN EXPONENTIAL DYNAMIC



Addressing the need for climate education

The effects of climate change will become more and more visible, generating more questioning and eagerness to understand within the population.

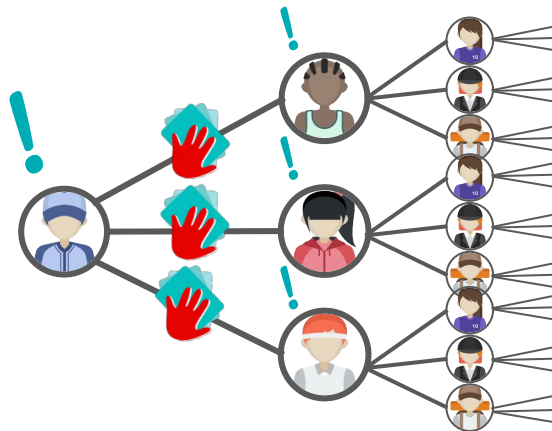
Once they have appropriated this knowledge, people feel fully concerned, and want to relay this knowledge to enable a sound and consistent debate in all the spheres of their lives.

Accessible to everybody, The Climate Collage is an empowering tool for everybody concerned with climate change and willing to raise awareness in their entourage.



A snowball effect

The Climate Collage spread exponentially : 7% of participants become Facilitator, reaching 25 people per year in average for each active facilitator



In 2 years,

135.000 people reached

6.000 facilitators trained

23 translations



The “Super Relays”

The accessibility and the replicability of the Climate Collage is a **fantastic opportunity** for everybody willing to act on a large scale to meet the climate emergency challenge



Newly trained, the Climate Collage volunteer Sébastien Lipsens leads the project of **training 33.000** **alumnis from ENSAM**, the best and renown engineering institution in France.



Leading Woman Award winner and Climate Collage facilitator, Carine de Boissezon is currently leading the **training of 165.000 employees** from EDF with the Climate Collage.



Eco-adventurer and speaker, Adrien Falewee is on an inspiring journey through French border to facilitate Climate Collage **for 7000 people along 7000 kms.**



TABLE OF CONTENT

I- THE GLASGOW CLIMATE EDUCATION SUMMIT

- I-1 SUMMIT SUMMARY
- I-2 SUMMIT RATIONALE
- I-3 SUMMIT DESCRIPTION
- I-4 SUMMIT PEDAGOGY
- I-5 SUMMIT PROGRAMME
- I-6 SUMMIT PARTNERS
- I-6 SUMMIT CO-ORGANISERS

II- THE CLIMATE COLLAGE, A FAST-SPREADING TOOL

III- THE CLIMATE COLLAGE AND THE COP26 SQUAD

- III-1 THE CLIMATE COLLAGE COP26 TEAM
- III-2 THE CLIMATE COLLAGE COP26 GOVERNANCE
- III-3 THE CLIMATE COLLAGE AT COP25
- III-4 THE CLIMATE COLLAGE AT COP26

APPENDICES

- COLLABORATION LETTERS FROM PARTNERS



I. THE GLASGOW CLIMATE EDUCATION SUMMIT



KEY FIGURES

15

SESSIONS
TALKS AND WORKSHOPS

30

SPEAKERS

500

ATTENDEES

15

CLIMATE EDUCATION
ORGANISATIONS



CLIMATE EDUCATION SUMMIT

Glasgow - November 2021

Climate
education at the
forefront of
climate
resilience and
adaptation.

FROM PLANETARY TO SOCIAL TIPPING POINT

RATIONALE

Climate change is now widely acknowledged as an issue requiring immediate global action and a systemic shift in decision-making (Matthew, 2020)¹⁵. We need to change social norms in order to foster global adoption of pro-environmental behaviours. (Farrow, K et al., 2017)¹⁶. Social norms can spread through social contagion effects (Frank, 2020)¹⁷. Hence, social tipping points, shifting 25% of the world's population behaviours (Centola, D et al. 2018)¹⁸, could enable a stabilisation of the earth climate (Otto, I. M et al., 2020)¹⁹ and change the current systems of carbon-intensive behavior (Rosenschöld et al., 2014)²⁰. Among these social tipping point interventions, strengthening climate education and engagement is a powerful lever to trigger the shift needed within society (Otto, I. M et al., 2020) and secure adaptation and resilience.

Therefore, the **Glasgow Climate Education Summit** organised **during COP26**, aims to put climate education at the forefront of climate resilience and adaptation. This Summit is a platform for scholars, policymakers, business leaders, activists, to discuss, debate, share insights and best practices to understand, experience and scale climate education globally.

SUMMIT DESCRIPTION

The Summit would be a one-day cross-disciplinary journey articulated around the "Head, Heart, Hands" pattern for change as described by Nigel Toppin :

- **Head** : Understanding the power of climate education in tackling climate inaction
- **Heart** : Experiencing higher levels of consciousness and imagining wishful futures
- **Hands** : Scaling climate education to reach the social tipping point

The Summit would feature:

- **15 sessions** (conferences, workshops, networking sessions, art exhibitions, etc.) fostering dialogue, awareness-spreading, and commitments
- **30 speakers** (international and local experts, climate action leaders, NGOs, business leaders, policymakers, scholars, etc) from diverse backgrounds and countries, leveraging diversity and inclusivity
- **500 attendees**
- **15 Climate Education Organisations** participating in our Climate Education Fair

SIGNED TO BE CO-ORGANISED

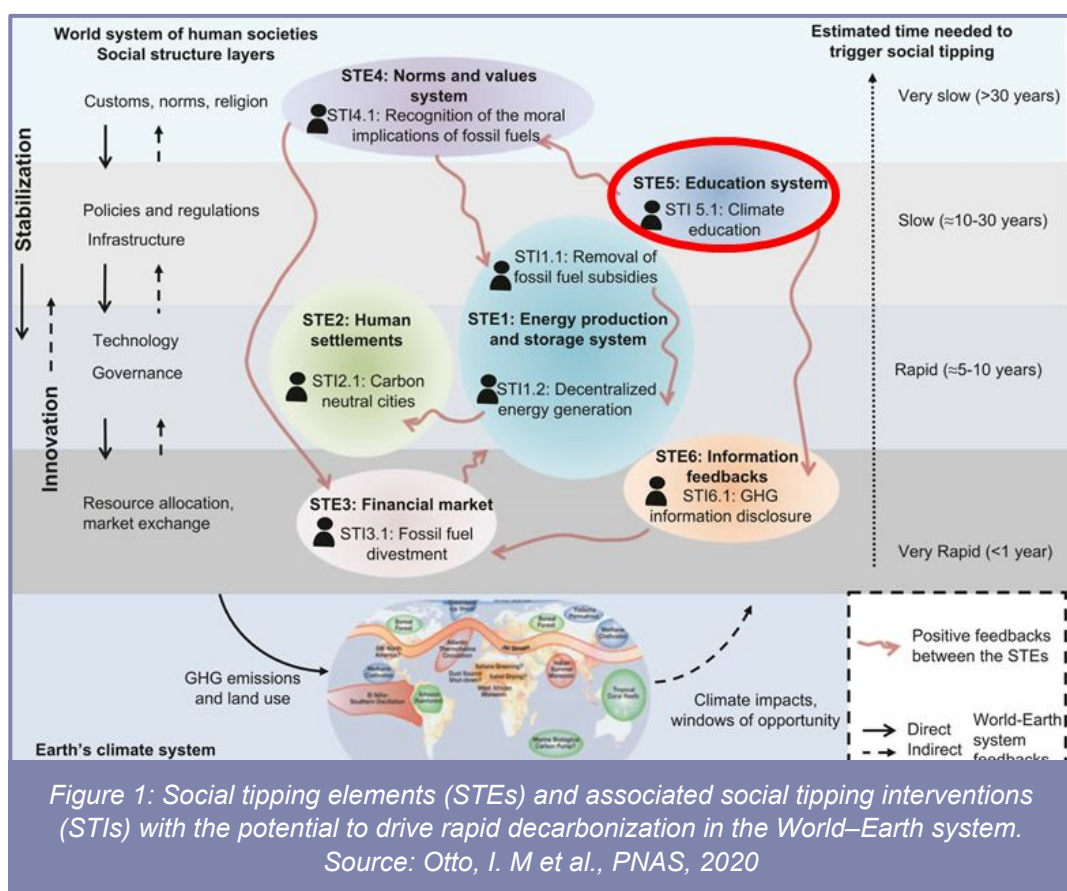
The Summit will be co-organised by the Climate Collage, an NGO which aims to raise awareness and spread knowledge about climate change and its systemic nature, to an exponentially-growing audience. As of today, over 120 000 participants across 45 countries have taken part in the eponymous "Climate Collage" workshop, based on the IPCC reports.



SUMMIT RATIONALE

Climate has reached a global crisis point and is rapidly moving away from a safe operating space for humanity on earth¹. The next years, to 2030, rely on humanity's collective intelligence to initiate the rapid decrease in greenhouse gas emissions of our socio-technico-economic system. The success of this decrease in the aforementioned timeframe critically depends on the activation of contagious processes in technologies, behaviours, social norms and structural organisation. The active role of citizens in the social transformation processes at individual and collective levels is of paramount importance but cannot be imposed. Sustainable behaviours and norms have to be learned and must be the result of collective decision-making processes².

Strengthening climate education and action was identified as one of the most impactful social tipping interventions (STIs) to be carried out for stabilizing Earth's climate by 2050 and secure adaptation and resilience (Figure 1, STI 5.1)³.





SUMMIT RATIONALE

Even though movements such as Fridays future⁴ show that public awareness and concern about climate change are rising⁵, and despite the clear diagnosis delivered by scientists⁶, **there are still divergent ways of perceiving climate change causes and consequences**. These divergences are either due to misinterpretations of science⁷ or the tendency to shift the blame and deny personal responsibility of climate change⁸. This equivocal public understanding of climate change is partly due to the fact that climate change is generally not thoroughly covered in a comprehensive approach by public education and remains at the level of local initiatives⁹. Paradoxically, children and students initiated a global movement of missing classes to raise awareness of the situation¹⁰.

Therefore, **the Glasgow Climate Education Summit organised during COP26, aims to put Climate Change Education at the forefront of climate resilience and adaptation strategies**. This Summit seeks to become a platform for scholars, policymakers, business leaders and activists from all around the world to discuss, debate, and share insights and best practices to understand, experience and scale climate change education globally in order to **ensure every citizen is equipped with the right set of skills, knowledge and attitudes to face climate change and act upon it**.

For this purpose, the three main missions of the **Glasgow Climate Education Summit** are:



Provide a common space for sharing of experience, good practices, tools, and campaigns.



Strengthen the synergies between local, national and international climate education initiatives.



Promote the importance of and advocate for climate education across sectors and borders.

In order to ensure common ground, and enable organisations and individual attendees to have a clear understanding of the scope of the summit, the following definition of the climate education is adopted:

Definition of climate education:



Any formal, non-formal or informal learning activity designed to develop knowledge, skills, attitudes and behavior related to the understanding of the climate, climate change, global warming, the climate and environment crisis, its effects at the individual, social, economic and political levels, and the means of action to prevent it, mitigate it, and adapt to it.



SUMMIT DESCRIPTION

The Glasgow Climate Education Summit will be a one-day event gathering experts, actors and citizens keen on learning more about Climate Change Education. During this whole day, 15 sessions will be proposed to our participants: conferences but also workshops, networking sessions and art exhibitions.

Location at the center of Glasgow

These sessions will be held in a common place very close to the COP, ideally one of the universities in Glasgow. Discussions are ongoing with **Strathclyde University to host the summit within the Technology and Innovation Center.**



We intend to hold two conferences in the Blue zone of the COP 26 and to broadcast the panel in parallel at the Glasgow Climate Education Summit. All conferences will be live-streamed to external participants and, when possible, workshops and other sessions will also be available online.

Wide Audience

The venues should be adapted to our **500 targeted visitors.**

The summit aims at gathering a **wide audience**, everyone is welcome and all sessions will be in a lay language.

Three tailored tracks

Nevertheless, some sessions will especially target and be more adapted to certain audiences. Programme tracks will be designed to enable each one to freely follow the most adapted journey. All sessions running in parallel with others will come along with some advice on the targeted audience to guide participants.

More specifically, **three programme tracks will be designed** to address students, climate activists and educational professionals needs.

Inclusiveness

Our commitment for the Glasgow Climate Education Summit speakers are:

- 50% or more female or genderqueer people
- Less than 20% of French
- Local and national from Scotland and the UK, along with international speakers
- Black, Indigenous and People Of Color (BIPOC) speakers

With regards to the Summit's programme, the Summit will explore topics of intersectional environmentalism, such as eco-feminism and decolonial ecology.



SUMMIT DESCRIPTION

The Glasgow Climate Education Summit Format

The 15 sessions will gather **30 speakers**, they will be international and local experts, climate action leaders, NGOs, business leaders, policymakers and scholars. Speakers will be from diverse backgrounds and countries, leveraging diversity and inclusivity.

This summit will cover many aspects of education on climate change, the journey would be articulated around the "**Head, Heart, Hands**" pattern for transformational learning¹¹.

- First, the **Head** section will give some keys to understand how climate education is necessary to tackle climate inaction.
- Then, the **Heart** section will help participants to experience higher levels of consciousness and imagine wishful futures.
- Once fully convinced, in their brain and soul, of the needs of a global education to climate change, participants will learn how to scale climate education in order to reach the social tipping points during the **Hands** section.

We believe attendees sharing and exchanging is as valuable to awareness-growing and commitment as expert sessions, which is why half of the time will also be dedicated to workshops, collective experiences, and networking sessions. Those sessions will be facilitated by NGOs, scholars or local climate education doers.

Running in parallel with conferences and sharing sessions, the **Glasgow Climate Education Fair** will gather 15 climate education organisations. Throughout the day, summit participants will be offered the opportunity to exchange with organisations about their educational solutions.

The Climate Education Manifesto

The day will be concluded with the official submission of a **Climate Education Manifesto** urging governments to set up extensive climate education plans in order to raise awareness and to tackle climate change. This manifesto could be signed by all organisations participating in the Summit and by all our partner NGOs.



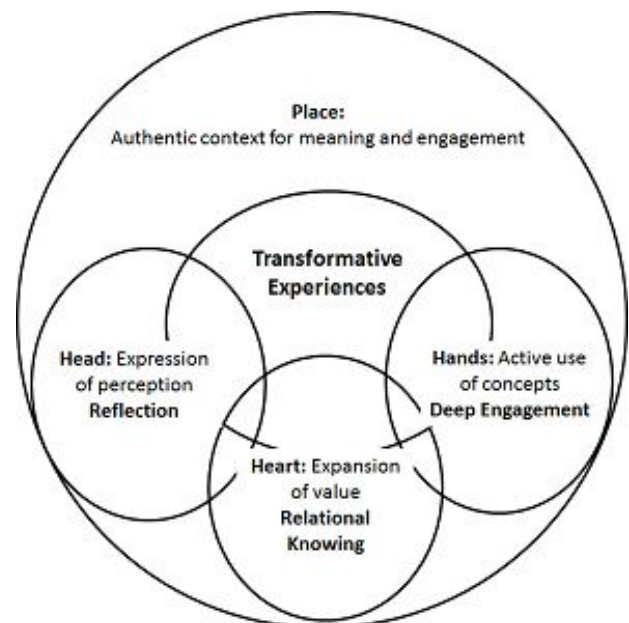
The Glasgow Climate Education Summit will be organized into three complementary modules of learning, the “Head, Heart and Hands” modules representing the rational, emotional and pragmatic aspects of transformational learning. Each module will be led by one of our impactful partners, an **academic** climate education actor, a **climate education NGO** and a **company** that empowers people through climate education.

The first part, the **Head module**, would enable us to **rationally understand** the climate education key role in societal transformation. We believe that knowledge is the very first lever to action, understanding our behaviour and their consequences, is the first step toward resilience. During this part, climate scientists, psychologists and education activists would give conferences and small talks regarding the social tipping points that could be reached through climate education; the social and biological reasons for inaction; roles of eco-feminism and decolonial ecology, and the current state of education.

The second module, **Heart**, will focus on the experience of change. Through reconnection workshops, eco-anxiety round

tables, creativity and art sessions, attendees will experiment positive aspects of change, will dream about a wishful future and the millions of possibilities offered by a more resilient world.

Finally, the **Hands module** will emphasise some very pragmatic learning ways of being educated and educating on climate change and global human evolution. The special roles of each stakeholder, governments, companies, NGOs and citizens, will be studied, along with interdependencies between them. Some practical workshops will be held to learn about climate change causes, consequences and mitigation actions. Those workshops will also be the opportunity to spread powerful educational tools.





SUMMIT PROGRAMME

Section	Start	End	Topics
HEAD	09:00	09:15	Introduction
	09:15	10:15	[Understanding] Planetary and social tipping point: transforming social norms through climate education- <u>Blue Zone</u>
	10:15	10:30	Break & Education Fair
	10:30	11:15	[Understanding] Climate pedagogy and systems thinking
			[Understanding] Climate inaction from a psychological, social and biological perspective
			[Understanding] The role of eco-feminism and decolonial ecology in the fight against climate change
	11:15	12:00	[Understanding] The state of climate education around the world
	12:00	13:00	Lunch & networking
HEART	13:00	14:00	[Experiencing] Deep ecology, the way out is in: finding the inner path out of the climate emergency
	14:00	14:45	[Experiencing] The work that reconnects workshop
			[Experiencing] Dealing with eco-anxiety
			[Experiencing] Engaged meditation: acting in a time of climate crisis
	14:45	15:30	[Experiencing] Creativity and art to imagine wishful futures
	15:30	15:45	Break & Education Fair
HANDS	15:45	16:30	[Scaling] The role of governments in climate education - <u>Blue Zone</u>
	16:30	17:15	[Scaling] Climate education: among businesses, citizens, public education and higher education
	17:15	18:00	[Scaling] The Climate Collage Quizz workshop
			[Scaling] The 2 Tonnes workshop
			[Scaling] MIT En Roads Simulation workshop
	18:00	18:20	[Scaling] The Manifesto for climate education
	18:20	18:30	Conclusion



SUMMIT PARTNERS

The project is designed to be co-organised, hence it will gather the best skills from each collaborator to ensure the highest quality. Here is described our collaboration strategy. The table below describes the current status of these collaborations and demonstrates that either they approved to be involved in this project or we have an ongoing discussion. In the second case, these agreements will most likely be approved in the coming weeks.

Partnerships	Responsibility	Status
Valérie Masson Delmotte, Co-Chair of the IPCC WG 1	Outstanding speaker for The Summit	Agreement of principle
Scotdec	Workshops in the Green Zone and Pre-COP in June	Agreement of principle
Stirling University	Workshops in the Green Zone and Pre-COP in June	Agreement of principle
2Tonnes	Workshops in the Green Zone	Agreement of principle
Strathclyde University	Host of The Summit	Ongoing discussions
Potsdam Institute for Climate Impact Research (PIK)	Head section of The Summit	Ongoing discussions
Schumacher College	Heart section of The Summit	Ongoing discussions
Electricité De France (EDF)	Hands section of The Summit	Ongoing discussions
The Carbon Literacy Project	Workshops in the Green Zone	Agreement of principle



SUMMIT PARTNERS



Valérie Masson-Delmotte

Valerie Masson Delmotte is the Co-Chair of the IPCC working group 1 : the physical basis. We are honored that she agreed to be among our speakers for the Glasgow Climate Education Summit. She will open the Summit by doing a talk from the Blue Zone (3rd Expression of Interest) displayed live in the collaborating university.

Scotdec and Stirling University

Scotdec is a Scottish Global Learning Center, working with teachers and youth people aged between 3 - 18 to foster understanding around global issues such as climate change in a anti-racist environment. The University of Stirling is an international university in Scotland committed to helping students make a difference in the world.



The University of Stirling, Scotdec and the Climate Collage are partnering in the context of a 3 days Pre-COP event organised in June 2021, with the theme: "Climate Justice and Global Citizenship Education: dialogues beyond North/South divides". In this context, the Climate Collage will train facilitators within Scotdec and Stirling network. Hence, these newly trained facilitators will facilitate Climate Collage workshops in the Green Zone.

2tonnes and the Carbon Literacy

2tonnes is a fast-growing social startup, which aims to enable people and organisations to transition to a low-carbon economy. 2tonnes and the Climate Collage are partnering to provide an enhanced climate education experience, covering both the understanding of climate change causes/effects, and practical individual and collective actions to remain under the Paris Agreement target by 2050



Carbon Literacy
Project

The Carbon Literacy Project will support the event by bringing additional creative and didactic workshops to educate about climate change. This important input to demonstrate the variety existing tools and methods to educate about climate change and how to decrease our carbon footprint.





SUMMIT CO-ORGANISERS



Strathclyde University

The Strathclyde University is a key partner for this event. Indeed, they are the complementary host of the event with the COP26 space. More specifically it will happen in the Technology & Innovation Center if agreed. This collaboration will enable an extensive impact locally in Glasgow with their students and staff but also internationally by enabling a larger audience to come at The Summit. Moreover, the Climate Collage organizing team includes 2 members who obtained their master's degree in this

university with distinctions. One of them, Michaël Dore, is also organiser of the [Glasgow Business Summit](#) in Strathclyde University in 2017 which justify our skills in organising a successful event.

Potsdam Institute for Climate Impact Research (PIK)

In order to ensure the quality of the section *Head* of the summit, we are in good contact with the Potsdam Institute for Climate Impact Research (PIK) to co-design it together. This collaboration will enable the participation of outstanding speakers in the fields of climate and social science. Our shared will to make climate science accessible to the widest audience ensure a common vision of this section to educate about climate change and its social implications



Electricité De France (EDF)



EDF is one of the first companies to deploy the Climate Collage tool massively in the business context. Their ambition is to train 165,000 of the EDF employees to the climate emergency crisis.. EDF educational programme will serve as inspiration for the section

Hands of the Summit, which aims at scaling up climate change education at a larger audience. They will support the event mostly financially which ensures our project to be as ambitious as realistic.

Schumacher College

Schumacher College is an international college for ecological studies offering masters programmes, short courses and a horticulture residency. They focus on interactive and experiential education to develop practical skills and strategic thinking required to face 21st century challenges.

Their experience will be valued to lead the *Heart* section in our summit.

**Schumacher
College**



II. THE CLIMATE COLLAGE, A FAST-SPREADING EDUCATIONAL TOOL



KEY FIGURES

135.000

SENSITIZED PEOPLE

6.000

FACILITATORS

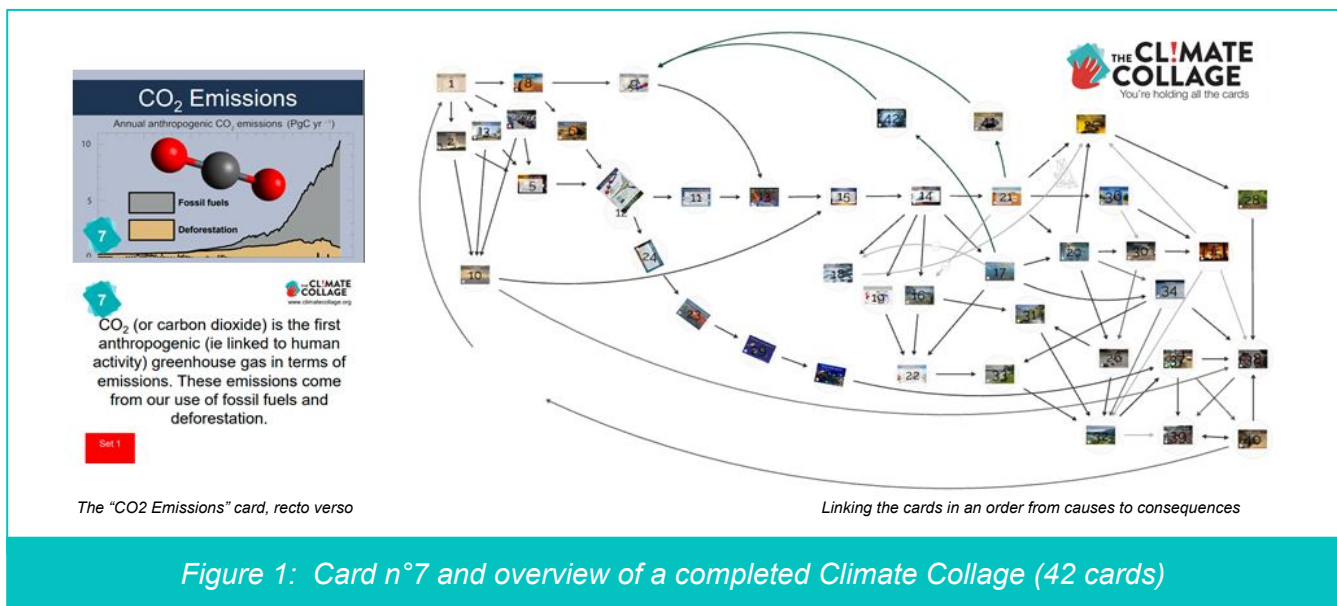
79

INTERNATIONAL
REPRESENTATIVES

23

LANGUAGES

The Climate Collage is a **scientific, collaborative and empowering tool** developed between 2015 and 2018 by Cédric Ringenbach, a French engineer graduated from Ecole Centrale de Nantes in 1996 [ECN], as he was teaching students on climate and energy issues. The Climate Collage is a serious game where participants, guided by a facilitator, use their collective intelligence to build a collage and link the causes and consequences of climate change using 42 cards that represent the different dimensions of climate change (Transportation, Additional Greenhouse Effect, Carbon Sinks, Terrestrial Biodiversity, Melting of Ice Sheets...). Each card is double-sided: the one side displays an image or a graph and the other side provides a short text explaining how the card connects to the others. Figure 1 displays card n°7 and an overview of a completed Climate Collage. The content of the Climate Collage is entirely grounded in the work of the UN IPCC and its reports¹², and is continuously updated as the IPCC produces new reports. Thus, the workshop is built on a rigorous scientific basis.



Teaching climate change is too often done in a top-down approach. The innovation of this workshop lies in its collaborative and playful approach. With the Climate Collage, participants learn by themselves with scientific material and with other participants while debating about the card's positions.

Thanks to the workshop's transformative approach, this complementarity of learning by doing, creativity and the sharing of personal emotions and positions accelerate the willingness to act and the desire to do it collectively¹³.

Climate change is a systemic issue. The Climate Collage workshop allows participants to understand and visualise all complex interconnections between the different elements of climate change (causes, mechanisms, consequences and feedback loops). This clarification of the problem enables participants to understand the situation, disseminate the information and collectively form an opinion on the changes to be made.

The organisation and its innovative workshop have been notably **endorsed by Dr. Valerie Masson-Delmotte**, climate scientist, Co-chair of the IPCC's Working Group 1:



“ The Climate Collage is an innovative, participatory and accessible approach to understand the scientific basis of climate change. This exchange of knowledge is a key first step for everyone to choose how to act effectively, in line with the issues at stake. ”

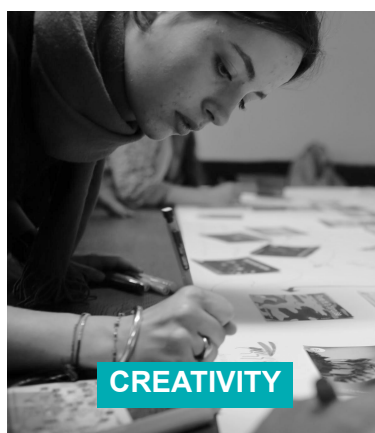
- Valerie Masson-Delmotte

The workshop is divided into three phases:



REASONING

Discovering and linking the cards and creating the collage.



CREATIVITY

Relaxing, taking ownership of the collage by decorating it.



DEBRIEF

A calm discussion on the participant's emotions and questions to finally brainstorm over the individual and collective solutions.

Moreover, the Climate Collage workshop is designed to be:

- **Accessible to anybody:** Adapted to all ages from 12 years old onwards, it suits beginners and experts.
- **Easy to implement:** Either online or in-person, it takes only 3 hours with a set of 42 cards or a good internet connection.
- **Easy to replicate, to become facilitator:** Either online or in-person, it takes 3 more hours of training with a facilitation trainer to become a facilitator.

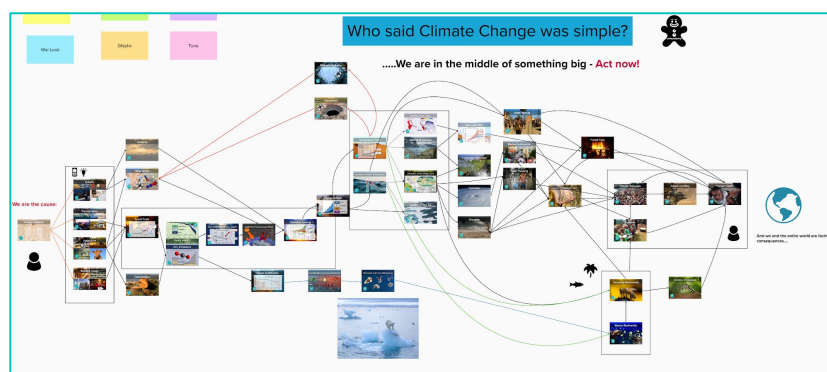


Figure 2: The Climate Collage workshop online

The Climate Collage receives the support from other experts such as **Jean-Marc Jancovici**, Climate change and Energy consultant, and member of the French High Council on Climate - an independent body established in 2019 which produces neutral insights on French government policy and its socio-economic and environmental impacts:



“How does global warming work? The first option to get the answer: read an IPCC report. Result guaranteed, but 2000 pages to go! The second option: play the Climate Collage. This game helps to understand the main mechanisms in this highly complex issue. To try it is to adopt it!”

- Jean-Marc Jancovici



“For years I spoke with like-minded people who know about climate change - complaining but not feeling able to act. Then I was shown Climate Collage. After years of boring my family, I did a workshop with them and they finally understood - and even made commitments to act. Now I regularly facilitate, and Climate Collage is the single most empowering tool I have found for climate awareness.”

- Katharina Haas, The Climate Collage Austrian referent

In 2018, Cédric Ringenbach created the NGO La Fresque du Climat (“The Climate Collage” in French) [LFC] to increase the level of knowledge and skills among citizens regarding climate change and to **encourage their empowerment by spreading of the tool**. In order to do so, LFC:

- **Organizes workshops** open for the general public, either in-person or online.
- **Trains facilitators and trainers** who then organize workshops in a wide diversity of contexts (schools, political parties, universities, businesses, NGOs...).
- **Pilots various national and international projects** to bring this knowledge to specific stakeholders (ministers, higher education, elected officials, ...).

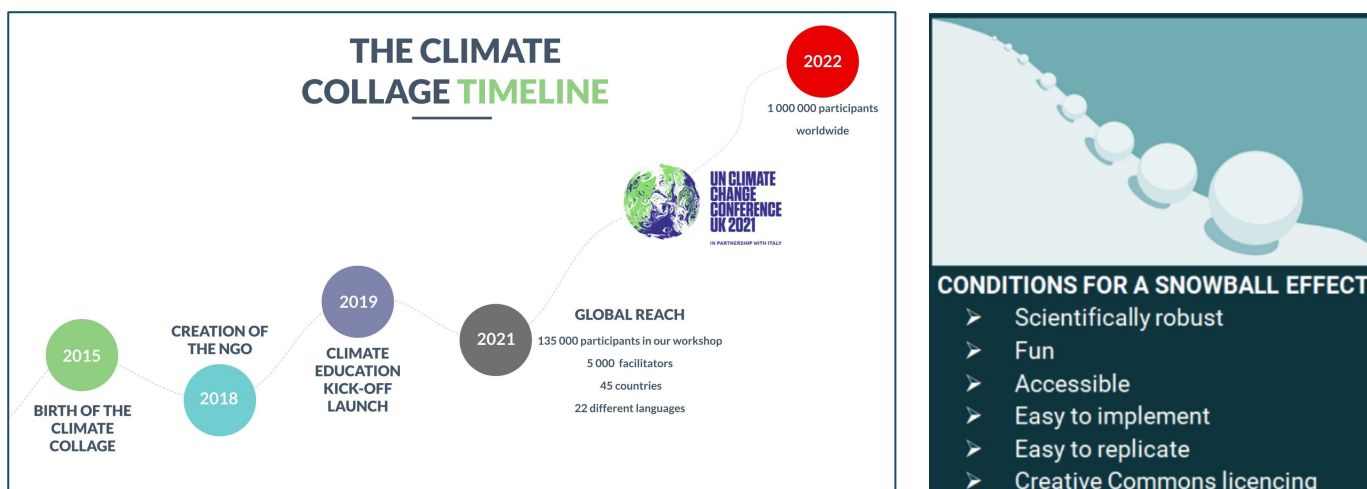


Figure 3: Timeline of the Climate collage (Left) and the Snowball effect of the Climate Collage for viral diffusion of knowledge (Right)

The idea and content of the Climate Collage workshop are protected by the **Creative Commons licence BY-NC-ND**. This means that **anybody is allowed to use the tool for free** outside of commercial purposes. There is no need to be a member of the NGO or to ask for permission. When used for commercial purposes, royalties must be paid to the organization, guaranteeing a minimum level of income for the well-functioning of the NGO. The Climate Collage thus gathers all conditions to guarantee the **snowball effect** in climate change education as illustrated in Figure 3.

The following presents what the Climate Collage organization has already achieved since its creation in December 2018. The Climate Collage has demonstrated a rapidly growing influence at national and international levels in all spheres of society:

- **More than 5,000 facilitators of all ages have been trained**, now forming a dynamic European-wide community of volunteer citizens engaged for climate awareness and action. The community is united through social media and regional groups to organise online and face-to-face workshop events for the general public and carries out a number of other projects;
- Through the cumulative efforts of this **community of volunteer facilitators, 100,000 people** have taken part in a Climate Collage workshop in all kinds of contexts (general public, schools, higher education, public and private companies, ...) in only two years. These numbers are collected after each workshop, facilitators being asked to fill the online counter of participants;
- The community is developing worldwide through their **79 voluntary international referents**, and the tool has been translated in **23 languages** so far.

This socially contagious educational tool helps citizens and decision makers to understand and take actions to mitigate climate change. The mayor of Saint-Cyr-sur-Mer, a commune in the South of France attests the relevance of this tool:



“The Climate Collage has helped to inform and train the elected officials in our municipality on the complexity and the emergency of the climate crisis. This is a pleasant workshop which enhances group dynamics and should be extended to citizens and town hall staff to take actions at the municipal level for the ecological transition.”

- Philippe Barthélemy, Mayor of Saint-Cyr-sur-Mer, France



“The Climate Collage vividly illustrates the system dynamics of climate change based on scientific insights that fuel climate awareness and climate action. It is an impactful, socially contagious climate education tool in that it empowers participants to transmit this learning to others.”

- Helen Etchanchu, Associate Professor, Coordinator Sustainability Lab Research & Pedagogy Group, Montpellier Business School

Through its accessibility and replicability, the Climate Collage workshop has created a fantastic opportunity for individuals willing to act on a large scale to meet the climate emergency challenge through education.

- **Newly trained in November 2020**, the Climate Collage volunteer Sébastien Lipsens leads the project of **training 33.000 alumnis from ENSAM**, the best and renown engineering institution in France.
- **Leading Woman Award winner** and Climate Collage facilitator, Carine de Boissezon, EDF Sustainable Development Director, is currently leading the **training of 165.000 employees** from EDF with the Climate Collage.
- **Eco-adventurer and speaker**, Adrien Falewee is on an inspiring journey all along the French border to facilitate Climate Collage for **7000 people along 7000 kms**.

The company SUEZ, a French-based utility company which operates largely in the water and waste management sectors, is also a relevant example: the company has recently engaged in the process of reforming its business model to reduce its environmental footprint. As part of this process, the company has committed to train its 90,000 employees worldwide using the Climate Collage workshop and encourages them to speed up their contribution in shaping a sustainable environment now. See short video [here](#).

Among the projects initiated by the Climate Collage organisation, the Climate-Education Kick-Off (CEKO) is probably the one with the highest impact. The CEKO is a large-scale climate change education initiative launched in 2019 where higher education institutions are invited to train their students on climate change issues through the Climate Collage workshop. Between September and December 2020, 40,000 students have been trained in 150 higher education institutions in France. More than 1,000 facilitators have been trained within the teaching teams of schools and universities, which now are autonomous in their use of the workshop. Here is a [30 second video](#) to visualize what a CEKO event looks like and presents pictures from various CEKO events.



This result was achieved in spite of the covid pandemic. Numerous CEKO events were delivered online rather than face-to-face without affecting the deployment. The CEKO has therefore proven a high level of maturity at a national level in France through its innovative teaching and learning methods as well as its rapid, efficient and economically viable deployment method.

The strength of the movement is based on a complete, simple and attractive offer for institutions (5-10€ per student), and on the decentralization of responsibilities and efforts through the mobilization of dozens of trainers who receive compensation for handling trainings and events with the beneficiary institutions.

French Elites' institutions were the first to engage. Among them was ESCP Business School, one of the most selective business schools with campuses in Paris, Berlin, London, Madrid, Turin, and Warsaw. Aurélien ACQUIER, Head of Sustainability at ESCP Business School, testifies on the relevance of this activity:



“ It is a tool that is simple but not oversimplifying, precise, fun and quick, and that raises the participants' awareness. I recommend it without hesitation! ”

- Aurélien ACQUIER, Head of Sustainability,
ESCP Business School

Students are not the only target of the CEKO. Professors and faculty members are directly reached since they are trained to facilitate the workshop for their students. This represents a real professional development opportunity for them on this cross-cutting issue they are unfortunately not always familiar with. Through this skill improvement within the pedagogical team, institutions are able to reiterate the event the following year with the new incoming students. Some professors also decide to directly integrate the Climate Collage within their class, like Prof. Emmanuel Rozière, professor and director of Sustainable development at ECN and coordinator of the present project:



“ The Climate Collage is a mature and ideal tool to start my course on sustainable development. In a comprehensive manner, it approaches all interrelated aspects of climate change in a very visual, fun and accessible way. Students understand the global picture and develop eagerness to learn more on all aspects. An eagerness that the rest of my course intends to satisfy. ”

- Emmanuel Rozière

The Climate Collage has therefore demonstrated its capacity to rapidly engage essential spheres of society (individuals, education, companies ...) at national and international levels in the process of providing citizens with the required competences to understand and mitigate climate change. It therefore represents an ideal and self-supporting tool to be used within the present project in order to promptly enhance the engagement of the wider European community in the long run.

Moreover, its ability to use collective intelligence to cover a serious and complex topic such as climate, describing comprehensively its diverse feedback loops, causes and consequences, in only a few hours of time, has raised a strong interest to explain multiple complex matters and to reach a viral understanding. Therefore, following the Climate Collage structure, many other collages have been developed by other individuals, such as the Ocean Collage, the Construction Collage, the Digital Collage, etc.



III. THE CLIMATE COLLAGE AT THE COP26



KEY FIGURES

250

FACILITATORS

5

WORKING
GROUPS

COP25

EXPERIENCE

7

CLIMATE EDUCATION
KICK-OFF

10.000

PARTICIPANTS



CLIMATE COLLAGE TEAM

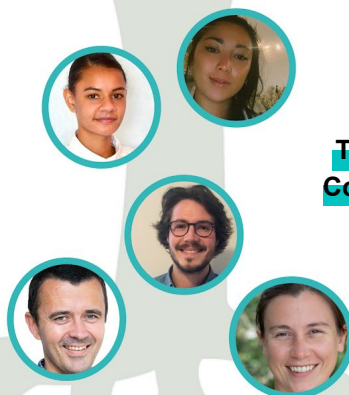
**The Climate Education Activists
within the COP26 team**



Coordinators of the COP26 project



**The permanent team of The Climate
Collage helping on the COP26 project**



**Founder and Director of The
Climate Collage**





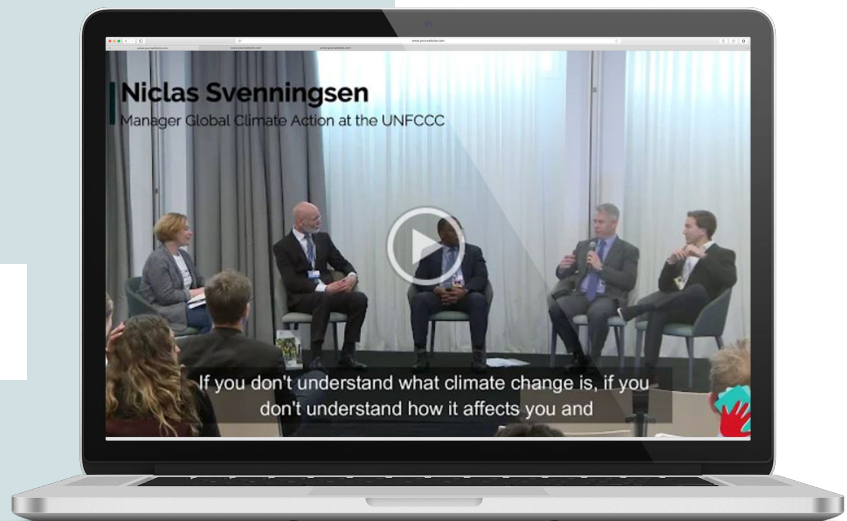


CLIMATE COLLAGE AT THE COP25

The Climate Collage already participated at the COP25 in Madrid, and organised a conference on the theme “How to scale up climate education and training at a global level”.

Recording here:

<https://youtu.be/BtkZrWV3VCY>



It gathered 13 speakers, from the IPCC, ECOS, UNEP, UNFCCC, Climate Reality Leaders. It also co-organised and sponsored the COY15, and financed the ECOS booth within the Blue Zone.

The COP25 gave the opportunity to run:

130 Climate Collage workshops

Gathering about **1000** participants

150 Climate Collage Quizz were dispatched within Madrid

50 New facilitators were trained, becoming new ambassadors entitled to spread the word on Climate Change Education



CLIMATE COLLAGE AT THE COP26

To organize our presence on COP26, we have capitalized on the results of our COP25 participation and adapted our ambition to the Climate Collage exponential growth within the last months.

On top of the Glasgow Climate Education Summit, Climate Collage will expand its footprint over COP26 surroundings and more generally Scotland through additional initiatives. The initiatives are presented here: diverse local initiatives over Scotland, Climate Education Kick-Off in Universities, the COY16 and our presence in the zones blue and green during the COP26.

Local initiatives (Quizz, workshop) all over Scotland

In order to both spread the word and ensure a local footprint, Climate Collage aims at launching various actions before and during the COP26.

Before COP26, 100 Quizz collages will be organized throughout Scotland, including 1,800 people sensitised. On top of it, 200 Climate Collage workshops shall be organized to reach 1,600 additional people, of which 160 facilitators will be recruited.

The Quizz Climate Collage is a simplified version of Climate Collage aiming at introducing its concept, based upon a vertical panel: people can find out more about the Climate Collage on the fly by discovering the various aspects of climate change, with the help of a facilitator. It aims at piquing their curiosity and motivating the people to participate to a complete 3h Climate Collage workshop.



The COP26 period will be the high point of Climate Collage deployment across Scotland: more than 300 quizz collages (5,300 people) and 300 Climate Collage workshops (sensitizing 2,400 participants) will enable to recruit 240 additional facilitators, who will then spread the word across the UK. These events will be organized either in the streets of Glasgow, inside our partners premises, in companies and online.

At last, 10 partnerships will be launched with local networks (Political parties, NGOs, corporates, local government) with the ambition to sensitise 500 people, recruit 75 facilitators, 5 trainers.



CEKOS

Among the projects initiated by the Climate Collage organisation, the Climate-Education Kick-Off (CEKO) is probably the one with the highest impact. Launched in 2019, the CEKO is a large-scale climate change education initiative where higher education institutions are invited to train their students on climate change issues through the Climate Collage workshop. Between September and December 2020, 40,000 students were trained in 150 higher education institutions in France. More than 1,000 facilitators have been trained within the teaching teams of schools and universities, which now are autonomous in their use of the workshop.



This result was achieved in spite of the covid pandemic. Numerous CEKOs events were delivered online rather than face-to-face without affecting the deployment.

The CEKO has therefore proven a high level of maturity at a national level in France through its innovative teaching and learning methods as well as its rapid, efficient and economically viable deployment method. Our vision for CEKOs in 2021 is to reach 100,000 students with Climate Collage workshops in more than 150 universities and business schools worldwide.

These CEKOs will be deployed all over the UK through a dedicated team within the next months, from April 2021 up to the COP26 period, empowering institutions such as universities to spread the word and educating the students about Climate Change. Our aim is to run 7 CEKOs in Scotland (including Glasgow University, University of Strathclyde, Glasgow School of Art, University of Edinburgh) reaching 7000 people, recruiting 800 facilitators (650 students and 150 academic professionals), 80 trainers and 8 UK referents.



COY16

During the last week of October, the 16th UN Climate Change Conference of Youth (COY16) will take place at Glasgow. The Climate Collage will collaborate with COY16 in order to raise awareness about 'Climate Collage' among the youth who will be attending the conference.

The Climate Collage will assist COY16 in achieving its core aim to provide a space for organising and capacity building for youth activists attending COP26". The workshop's interactive and collaborative design will also aid in learning different perspectives and reducing the knowledge

gap with understanding the basics of Climate Change.

It will also encourage cultural exchange, skill sharing, and better discussion between the youth by conducting the workshop for all COY participants and organisers. This will ensure that all COY delegates return home with a greater understanding of the situation, and what better way to learn than through a game about climate change?

We also want to train facilitators and local referents to help us build a global network of Climate Collage Facilitators that is inclusive and diverse.

Our presence in Green Zone

In collaboration with the University of Stirling, Scotdec and 2tonnes, the Climate Collage association seeks to have 35 m² in the Green Zone in order to run, on a continuous basis, two types of workshops:

1. Climate Collage workshops, of which 2 workshops and 1 Quizz

2. The 2tonnes workshop: thanks to an online interactive platform displayed on a screen, the workshop allows participants to simulate a transition scenario toward 2050 using the specific carbon footprint and macroeconomic data from their country.

Both of these workshops are collaborative, interactive, gamified, and science-based.

In terms of logistics, the 35 m² space will be used for:

3 tables to run the workshops
(20 m²)

2 Climate Collage Quizz
(10 m²)

Stands to exchange and network
(5 m²)

2tonnes and the Climate Collage are partnering to provide an enhanced climate education experience, covering both the understanding of climate change causes/effects, and practical individual and collective actions to remain under the Paris Agreement target by 2050.

The exhibition space targets all types of visitors of the Green Zone.

Because technology inclusion is a major pillar for knowledge spreading - the Climate Collage and 2tonnes workshops taking place in the Exhibition Space will also be offered online, on dedicated platforms. As COVID-19 restrictions could require it, the workshops can take place fully online, as already experienced during the lockdown periods.

Our presence in Blue Zone

The Climate Collage has applied for accreditations to the Blue Zone. Once granted by UNFCCC, and just as during COP25, we intend to organise over the 2 weeks and on a continuous basis Climate Collage workshops, both the Quizz simplified version as well as the regular workshop. This will enable to access a specific audience made of executives present within Blue Zone, thus sensitising them on relevancy and efficiency of Climate Change Education to trigger action.

During the Glasgow Climate Education Summit, the Climate Collage aims to organise 2 session panels:

- **1st Session panel:** [Understanding] Planetary and social tipping point: transforming social norms through climate education as a kick-off the Glasgow Climate Education Summit with prestigious speakers, such as Valerie Masson Delmotte, co-chair of the IPCC working group 1, who has already accepted our invitation
- **2nd Talk:** [Scaling] The role of governments in climate education

We currently have ongoing discussions with our potential main partners:

- A local University in Glasgow, most likely the Strathclyde University
- The Potsdam Institute for Climate Impact Research (PIK)

Thanks to a collaboration with a University in Glasgow, most likely the Strathclyde University, the event will attract various audiences including policy makers, business leaders, scholars, educators and students. Indeed, the panel session will be live streamed within our partner university interaction between the speakers and the audience. The interest from the audience will come from the relevance of our theme, the quality of our speakers, the innovative workshops and the transformative learning experience provided during the Glasgow Climate Education Summit.

The panel sessions in the Blue Zone will be live-streamed in a Glaswegian university hosting the Summit (most likely the Technology & Innovation Center at Strathclyde University), as well as on social media (YouTube, Facebook Live, and Twitch). We will enable the audience attending the Summit inside the local University to interact with our speakers through the use of interactive Q&A technologies.



APPENDICES

LIST OF APPENDICES

- COLLABORATION LETTER FROM THE UNIVERSITY OF STIRLING
- COLLABORATION LETTER FROM SCOTDEC
- COLLABORATION LETTER FROM 2TONNES

Dr Dalene Swanson

Director of Access to Degree Studies
Advisor of Studies in Mathematics Education
Senior Researcher in Global Citizenship Education

Faculty or Service Area

University of Stirling
Stirling FK9 4LA
Scotland UK

T : +44 (0) 1786 467616

M : +44 (0) 7432788341

E : dalene.swanson@stir.ac.uk

W : <https://www.stir.ac.uk/people/256910>

4 March 2021

To whom it may concern

**UNIVERSITY OF STIRLING: COLLABORATION WITH CLIMATE COLLAGE, SCOTDEC ON COP26
GLASGOW CLIMATE EDUCATION SUMMIT**

This letter acts as an endorsement of Climate Collage and confirms our agreement to collaborate in:

- 1) a pre-COP26 Climate Justice and Education event, in June 2021, and
- 2) the COP26 Glasgow Climate Education Summit, November 2021
- 3) Exhibitions and events during COP26, November 2021

Dr Dalene M Swanson (<https://www.stir.ac.uk/people/256910>) is a senior researcher and academic at the University of Stirling. She is an international advisory board member of the UNESCO Chair in *Democracy, Global Citizenship, and Transformative Education* (Université du Québec); a member of Bridge 47 and EADI (Bonn); a member of the Scotland International Development Alliance; an Executive Board member of Scotdec; and an International Research Associate for the Centre for Culture, Identity, and Education, University of British Columbia.

Dr Swanson is the Principal Investigator on a large **UKRI GCRF grant: Water and Fire: Enhancing Capacity and Reducing Risk through 15 'Best Bets' for Transformative Adaptation with Vulnerable Residents on the Cape Flats** (<https://gcrfwaterandfire.com/>). It is a partnership between the University of Stirling, Sustainable Livelihoods Foundation, The University of Cape Town, the University of the Western Cape, and participating residents of three townships and informal settlements on the Cape Flats of South Africa. The research co-mobilises local and indigenous knowledges and works alongside residents and activist groups on bottom-up policy development and resilience actions to climate induced or exacerbated socio-ecological disasters they face.

Dr Swanson has been working in the field of Global Citizenship Education (GCE) for over two decades. She has led on transnational, transdisciplinary programmes on critical global citizenship and climate change education. She has an international reputation in this focus area. She also teaches global citizenship education, learning for sustainability, and climate change education to becoming teachers in the University of Stirling's professional education (Initial Teacher Education) programme, as well as early career teachers.

A University of Stirling collaboration with the Climate Collage and Scotdec around a Climate Education Summit in Glasgow would be a welcome opportunity to further engage educators. NGOs and educationalists internationally, including Global South scholars, youth and teachers to support their critical engagement with climate change education. I can therefore confirm the agreed collaboration to be part of a working partnership for the proposed ***Climate Education Summit in Glasgow November 2021***, and the proposed pre-COP26 international education event:

Climate Justice and Global Citizenship Education: dialogues beyond North/South divides.

The commitment from Dr Swanson at the University of Stirling is to participate in and help shape the Education Summit programme, engage a local audience, reach out to local and global networks to build capacity to deliver the Climate Collage objectives in Glasgow, and to lead on a the proposed pre-COP event in the collaborative.

Best regards,
Dalene



Dr Dalene Swanson



2 / 03 / 2021

RE: Collaboration with Climate Collage during COP 26

Scotdec has been working in the field of Global Citizenship Education (GCE) for over 30 years. Our work is focussed on working with teachers and youth workers to build their competencies and confidence to deliver critical GCE within their education context and foster an increased understanding around global issues such as climate change.

A collaboration with the Climate Collage around a Climate Education Summit in Glasgow would be a welcome opportunity to further engage educators in Scotland to support their critical engagement with this issue. Scotdec can confirm we would like to collaborate and be part of a working partnership for the proposed Climate Education Summit in Glasgow November 2021.

Our commitment to the collaboration would involve helping to shape the Education Summit programme and engaging a local audience; reaching out to our local networks to build capacity to deliver the climate collage in Glasgow / Scotland and to shape and co-facilitate a pre-COP event in collaboration with the University of Stirling.

Scotdec are committed to teaching and learning around climate change and it is integrated into a number of our current professional learning courses for teachers. Furthermore, we are already collaborating with 4 Scottish organisations to write an education resource for Scottish teachers on the climate justice due to launch in August 2021. The focus of this resource is to make connections between climate justice, racial justice and gender justice through 'accountable storytelling'.

Further information about Scotdec can be found below.

Charlotte Dwyer
Director, Scotdec

Scottish Charity Registration No. SC005017

Company Registration No. SC194772



About Scotdec

Our vision

Our vision is that young people in Scotland are able and motivated to challenge global inequality – creating a fairer future for all.

Our values are based on a commitment to social justice and sustainable development and belief that people can bring about change.

We aspire to work in an inclusive and participatory way and have a creative and responsive approach to learning.

Our work

Scotdec work towards achieving our vision by providing quality professional learning opportunities and resources to support global citizenship across all sectors of education for over 30 years. We gather evidence to demonstrate the social and educational value of global citizenship to educators and policy-makers across Scotland.

Our partnerships

Our vision, values and aspirations are not unique to us – we are part of a national and international movement committed to education which leads to a fairer future for all.

We engage with colleagues across the UK and Europe to strengthen our collective message of the need for Global Citizenship Education as a way of making sure that the young citizens of Europe are informed and motivated to demand and create change for a better and more equitable world.

To find out more about our work please visit www.scotdec.org.uk

Scottish Charity Registration No. SC005017

Company Registration No. SC194772



Pierre-Alix LLORET-BAVAI
Cofounder - Managing Director
2tonnes Compagnie
157, Avenue du Maine, 75014 Paris, France

5 March 2021

To whom it may concern

2tonnes : COLLABORATION WITH CLIMATE COLLAGE, SCOTDEC AND STIRLING
UNIVERSITY ON COP26 GLASGOW CLIMATE EDUCATION SUMMIT

This letter acts as an endorsement of Climate Collage and confirms our agreement to collaborate during the exhibitions and events during COP26, November 2021, and during the COP26 Glasgow Climate Education Summit, November 2021.

2tonnes is a social and solidarity economy company based in France. Our mission is to **enable as many people and organisations as possible to become fulfilled participants of the low-carbon transition**. For this purpose, we have developed the 2tonnes workshop, an inclusive, collaborative, scientific and pedagogical workshop created in 2019 that aims to raise awareness about the concrete actions required to tackle climate change and encourage people to act.

Such a partnership with the Climate Collage would be a great opportunity to reach out to new Scottish and International audiences. In fact, our workshop has shown great complementarity with the Climate Collage, as it shares the same kind of pedagogy, and treats another side of the low climate change education : where the Climate Collage helps people in their understanding of the consequences and mechanisms of climate change, 2tonnes allows them to take action and understanding the **main and more efficient individual and collective levers to reduce greenhouse gases emissions**.

For these reasons, we strongly believe that such a partnership would be of great value for the various audiences around the COP 26 in Glasgow.

Further information about 2tonnes, our philosophy, and our motivation to work actively on this partnership with the Climate Collage can be found below.

Pierre-Alix LLORET-BAVAI
Co-founder - Managing Director



About 2tonnes

- 2tonnes is a social and solidarity economy company based in France, our mission is to **enable as many people and organisations as possible to become fulfilled participants of the low-carbon transition.**
- For this purpose, we have developed the 2tonnes workshop, an inclusive, collaborative, scientific and pedagogical workshop created in 2019 that aims to raise awareness about the concrete actions required to tackle climate change and encourage people to act.
- Thanks to an interactive platform, the workshops enable participants to simulate a transition scenario from now to 2050, choosing actions to reduce greenhouse gas emissions. They can do this as an individual, in their own lifestyle, and also as national decision makers, and see in real time the associated impacts, both an individual and national level.
- The name "2tonnes" refers to the amount of greenhouse gas (in CO₂ equivalent) that every human being would need to emit in 2050 to get to carbon neutrality, confine temperature raises to +2 degrees, and respect the Paris Agreement commitments.
- First developed with data from France, a World version has been created, to allow people all around the world to participate in the workshop and play with the specific data from their own country
- 2tonnes has the "social and solidarity economy" accreditation, an official accreditation from the French government, given to companies that respect the following requirements : a concrete social goal, limited lucrativity (salaries and dividend), internal democratic governance and inclusion of the employees).

- Design for Digital inclusion:

The same philosophy guides us in terms of the digital accessibility of our workshop. Every part of it is designed to enable the less digital-friendly to be able to manipulate data and participate in the elaboration of a transition scenario thanks to digital tools.

- Adapted pricing and business model

Our business model is designed to ensure maximum participation in the workshop for people that have less financial resources available. Our turnover is mostly generated by companies, who pay a fair amount when they include 2tons in their training programs. Rates to universities and education are mostly designed to cover the trainers services. That allows us to organise workshops to the general public, free or with minimum rates, in collaboration with volunteers and associations.

- Accessibility of the workshop

We train volunteer facilitators, and grant them a facilitator licence and access to the platform. They can organise free workshops. This enables maximum penetration of the workshop without financial motives for the company.

- Collaborative governance

As imposed by our "social and solidarity economy" accreditation, decisions are taken in a decentralised way. 2 boards have been constituted depending on the type of decision.

A Strategic Board, composed of the people that have taken part in the project (developers, designers, volunteers...) and the community of facilitators, which is consulted in many operational decisions : product development, community inclusiveness, definition of rates, strategic initiatives to the general public...

Links and complementarity with the Climate Collage

2tons is deeply connected from its beginning with the Climate Collage

- The 2 co-founders of 2tons originally met thanks to the Climate Collage, as they were both facilitators and trainers of the workshop, and participated in many events with the Climate Collage (among others, the COP 25 in Madrid)
- The fundamental problem we chose to address comes from feedback from participants of the Climate Collage. The Collage enabled them to understand the mechanisms and consequences of climate change. We noticed a need for another workshops that allow people to understand how they could act, which actions were the most efficient, and in which way they could have a deep collective impact
- Finally, the very philosophy, vision, and model of the Climate Collage inspired us to create our own organisation to give access to the workshop to the maximum number of people. This philosophy of sharing the content, allowing people to organise workshops freely and take initiatives, and the ambition to scale up to reach millions of people around the world, is fully embraced by our organisation as well.

Audiences

At 2tonnes, we think that low carbon transition has to include every part of society, and that everyone has a role to play, at his/her own level and by its own means, in such a collective challenge to tackle climate change.

Therefore, we have targeted different audiences. Among them:

- Companies:
 - Multinational companies, such as the Essilor Group (70 000 employees around the world) which aim to scale-up internal acculturation programs and empower their employees to act at their level, and conceive new solutions applicable to reduce the company associated emissions
 - Small business and work teams that aim to understand the levers of the low carbon transition and find collective reachable solutions to address the problem in their department or companies
- Education:
 - The workshop is used in various universities, with different types of curriculum such as Engineering, Management, International Business Development...
 - Thanks to a Partnership with European Union's Erasmus + program, we are also developing specific versions of the workshop aimed at younger audiences in high schools, in countries such as Spain and Italy
- Our company also organises non-profit workshops aimed at the general public and facilitated by volunteers. These workshops take place both online, thanks to our interactive platform, or in public or private areas.
- Local Authorities and Communities, such as city councils
- Associations that take action in environmental, climate topics, or in education in general

Diversity and inclusion

Our aim is to give everyone the knowledge, tools and mindset to allow them to become participants of the low carbon transition, diversity and inclusion are rooted in our culture.

- Open pedagogy to make technical, scientific data understandable to everyone
- The workshop itself, and the platform are designed specifically to allow maximum inclusion, and ensure that everyone feels comfortable using it no matter his/her culture, age, genre, religion or nationality. That means simple and accessible design, strong representation of diversity in the content, with pictures and examples from every continent,

SOURCES

- ¹ Lenton, T. M., Rockström, J., Gaffney, O., Rahmstorf, S., Richardson, K., Steffen, W., & Schellnhuber, H. J. (2019). Climate tipping points—too risky to bet against.
- ² Tàbara, J. D., & Pahl-Wostl, C. (2007). Sustainability learning in natural resource use and management. *Ecology and society*, 12(2).
- ³ Otto, I. M., Donges, J. F., Cremades, R., Bhowmik, A., Hewitt, R. J., Lucht, W., ... & Schellnhuber, H. J. (2020). Social tipping dynamics for stabilizing Earth's climate by 2050. *Proceedings of the National Academy of Sciences*, 117(5), 2354-2365.
- ⁴ <https://fridaysforfuture.org/>
- ⁵ Evensen, D. (2019). The rhetorical limitations of the #FridaysForFuture movement. *Nature Climate Change*, 9(6), 428–430. doi:10.1038/s41558-019-0481-1
- ⁶ IPCC, Global Warming of 1.5°C: An IPCC Special Report on the Impacts of Global Warming of 1.5°C above Pre-Industrial Levels and Related Global Greenhouse Gas Emission Pathways, in the Context of Strengthening the Global Response to the Threat of Climate Change, Sustainable Development, and Efforts to Eradicate Poverty, V. Masson-Delmotte et al., Eds. (World Meteorological Organization, Geneva, Switzerland).
- ⁷ Kundzewicz, Z. W., Krysanova, V., Benestad, R. E., Hov, Ø., Piniewski, M., & Otto, I. M. (2018). Uncertainty in climate change impacts on water resources. *Environmental Science & Policy*, 79, 1-8.
- ⁸ Lorenzoni, I., Nicholson-Cole, S., & Whitmarsh, L. (2007). Barriers perceived to engaging with climate change among the UK public and their policy implications. *Global environmental change*, 17(3-4), 445-459.
- ⁹ ALLEA (2020). A snapshot of Climate Change Education Initiatives in Europe: Some initial findings and implications for future Climate Change Education research. Lead authors: Cliona Murphy, Gabriela Martínez Sainz, Maija Aksela, Gerd Bergman, Michael Jones, Pierre Léna, David Wilgenbus. Berlin. DOI: 10.26356/climateeducation
- ¹⁰ Jasmin Mäki and David Crosier (2019). How can education contribute to awareness and action on climate change? Eurydice European Network. [link](#)
- ¹¹ Sipos, Y., Battisti, B. and Grimm, K. (2008), "Achieving transformative sustainability learning: engaging head, hands and heart", *International Journal of Sustainability in Higher Education*, Vol. 9 No. 1, pp. 68-86.
- ¹³ IPCC, Global Warming of 1.5°C: An IPCC Special Report on the Impacts of Global Warming of 1.5°C above Pre Industrial Levels and Related Global Greenhouse Gas Emission Pathways, in the Context of Strengthening the Global Response to the Threat of Climate Change, Sustainable Development, and Efforts to Eradicate Poverty, V. Masson Delmotte et al., Eds. (World Meteorological Organization, Geneva, Switzerland).
- ¹⁴ Sipos, Y., Battisti, B., & Grimm, K. (2008). Achieving transformative sustainability learning: Engaging head, hands and heart. *International Journal of Sustainability in Higher Education*, 9, 68-86.
- ¹⁵ Matthew, G. (2020). For the First Time, the Alarmed are Now the Largest of Global Warming's Six Americas. Yale University and George Mason University. Yale Program on Climate Change Communication.
- ¹⁶ Farrow, K., Grolleau, G., & Ibanez, L. (2017). Social norms and pro-environmental behavior: A review of the evidence. *Ecological Economics*, 140, 1-13.
- ¹⁸ Centola, D., Becker, J., Brackbill, D., & Baronchelli, A. (2018). Experimental evidence for tipping points in social convention. *Science*, 360(6393), 1116-1119.
- ¹⁹ Otto, I. M., Donges, J. F., Cremades, R., Bhowmik, A., Hewitt, R. J., Lucht, W., ... & Schellnhuber, H. J. (2020). Social tipping dynamics for stabilizing Earth's climate by 2050. *Proceedings of the National Academy of Sciences*, 117(5), 2354-2365
- ²⁰ Munck af Rosenschöld, J., Rozema, J. G., & Frye-Levine, L. A. (2014). Institutional inertia and climate change: a review of the new institutionalist literature. *Wiley Interdisciplinary Reviews: Climate Change*, 5(5), 639-648.



THE CLIMATE COLLAGE

You're holding all the cards

ON THE ROAD TO

COP26

Thank you!

