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#### **Photos**

Abir Abdullah, Climate Visuals Countdown (cover & back ) Olena Sergienko (page 3) Fondation Simone et Cina Del Duca (page 4) Bergerie de Villarceaux (page 4) Vinícius Henrique (page 7) Kureng Dapel (page 10)

#### Artwork

Mareva Sacoun (mareva.sacoun@gmail.com)









"The second international seminar organized by the Office for Climate Education (OCE) marks a significant step towards enhancing climate change education for teachers, teacher trainers, and decision-makers worldwide. Leveraging OCE's expertise in this domain, the seminar aims to support educational policy makers and practitioners to facilitate the exchange of best practices among educators.

With the backing of the French Ministry of Higher Education, the OCE seeks to emphasize the role of education in addressing climate change challenges. The collaborative four-day event will focus on key aspects of climate change education, aiming to develop knowledge, strategic planning, ambitious curricula, and innovative teaching approaches.

Over 15 country-delegations have been invited to participate in the seminar, engaging in workshops to foster knowledge-sharing and dialogue. The seminar endeavors to contribute to a better future by cultivating a deeper and shared understanding of climate change science and education and promoting effective approaches and collaborations to tackle this critical global issue. I'd like to extend my gratitude to the institutions and individuals whose enthusiastic support has made this seminar possible, signifying a shared commitment to an inspiring ambition. Through collective efforts, and as part of UN's Greening Education Partnership, the OCE and its partners aspire to create a global network of educators and policymakers dedicated to give our current and future generations the tools they need to live in a changing world."

Éric Guilyardi, President of the Office for Climate Education, Djian Sadadou, Communications & community manager, OCE.

# Informations





# SIMONE AND CINO DEL DUCA FOUNDATION 10 RUE ALFRED DE VIGNY, 75008 PARIS

Simone and Cino del Duca Foundation is a distinguished institution located in Paris. Established with the mission of promoting and supporting literature, art, and science.



# LA BERGERIE DE VILLARCEAUX LA BERGERIE, 95710 CHAUSSY

La Bergerie de Villarceaux is an ecosite located in the north-west of Paris. Once a much bigger land area adjoining the castles of Villarceaux, la Bergerie is now a space dedicated to sustainable development through organic farming and the hosting of seminars directly related to sustainable and environmental practices.

#### **CONFERENCE VENUE**

The International Seminar will take place in 2 venues and will start on Tuesday 12<sup>th</sup> at the **Simone and Cino del Duca Foundation: 10 rue Alfred de Vigny, 75008 Paris.** 

The seminar will continue in the premises of La Bergerie de Villarceaux, located in Chaussy from Tuesday 12<sup>th</sup> of September to Friday 15<sup>th</sup> of September 2023.

#### **TRANSPORTATION**

The Simone and Cino del Luca foundation is easily accessible via subway line 2 (stop at Courcelles). You can buy a transport ticket directly at the metro station, either at a ticket vending machine or at the service point for 2,10€. You can

scan the QR code to directly access the location of the Foundation on Google Maps.



#### **FOOD**

Throughout the event, breakfasts, coffee breaks, lunches and dinners will be provided directly at the venue be it at the Simone and Cino Del Duca Foundation or in La Bergerie de Villarceaux.

#### **ACCOMODATION**

As a participant, you will be hosted in a private room for the time of the conference: from Tuesday 12<sup>th</sup> of September in the evening, to Friday 15<sup>th</sup> of September. All rooms are comfortably equipped and have access to a wifi connection.

#### CONTACT

If you require any assistance during the seminar please contact Dany Lefort at:

international.seminar@oce.global

# Seminar overview



TUESDAY 12 <sup>TH</sup> SEPTEMBER HIGH-LEVEL EVENT AT THE SIMONE AND CINO DEL DUCA FOUNDATION				
08:45	Arrival of participants			
O9:15-09:45	Welcome words			
─ 09:45 – 10:15 <u>■ 0</u>	Latest findings from the IPCC on the global climate			
── 10:15−11:00 <b></b>	National and international institutions in support of CCE $\{ ROUND TABLE 1 \}$			
—o 11:20–12:15 <b></b>	Which role for philanthropic partners in accelerating the implementation of climate change education? { ROUND TABLE 2 }			
-0 12:15-13:15 <b></b>	Integrating climate change education into Development Cooperation { ROUND TABLE 3 }			
<b>13:15–14:30</b>	Cocktail lunch and networking			
14:30 – 16:30	Pilot projects and regional approaches to CCE implementation: a deep dive into the ALEC (América Latina para la Educacion Climatica) project and extensions opportunities			

WEDNESDAY 13 <sup>TH</sup> SEPTEMBERLOCATION: LA BERGERIE DE VILLARCEAUX						
<b></b> 0 09:00 – 13:15		{ WORKSHOP GROUP 1 } Inquiry based science pedagogy for CCE Greenhouse effect	{ WORKSHOP GROUP 2 } Inquiry based science pedagogy for CCE Ocean & Cryosphere			
—o 14:30–18:30		{ WORKSHOP GROUP 1 } Inquiry based science pedagogy for CCE Ocean & Cryosphere	{ WORKSHOP GROUP 2 } Inquiry based science pedagogy for CCE Greenhouse effect			
20:30-21:30	M	Building positive narratives – Storytelling night				















#### TUESDAY 12TH SEPTEMBER **MORNING PROGRAM ....**

# High level day at the Simone and Cino del Duca Foundation

On this first day we invite you to the prestigious Simone and Cino Del Duca Foundation in Paris for the high level event that will start: OCE's second International Seminar on Climate Change Education. Today, with different key stakeholders and partners, we will explore how to advance climate change education implementation around the world. At the end of the day all participants will travel to the second location of the seminar with the OCE.

This morning will be facilitated by Dorothée Moisan, Journalist.

Participants will 8h45, all participants are kindly asked to be on time, so the seminar can start as scheduled. A light breakfast will be served.

08:45

Registration

09:15

Welcome words



Eric Guilvardi { PRESIDENT OF THE OCE } Pierre Léna { HONORARY PRESIDENT, OCE }

09:45

Latest findings from the IPCC on the global climate



Sophie Szopa { DIRECTOR OF RESEARCH, VICE-PRESIDENT FOR SUSTAINABLE DEVELOPMENT AT THE UNIVERSITY PARIS-SACLAY }

10:15

ROUND TABLE 1: National and international institutions in support to CCE



Coralie Noël ( HIGH LEVEL OFFICIAL FOR SUSTAINABLE DEVELOPMENT AND ECOLOGICAL TRANSITION, FRENCH MINISTRY OF YOUTH AND EDUCATION }

Jun Morohashi { CHIEF OF SECTION, EDUCATION FOR SUSTAINABLE DEVELOPMENT, UNESCO }

Musa Garba Maitafsir ( DIRECTOR AND CHIEF EXECUTIVE OF THE NATIONAL TEACHERS' INSTITUTE, KADUNA, NIGERIA )

11:00

Coffee break



11:20

ROUND TABLE 2: Which role for philanthropic partners in accelerating the implementation of climate change education?



Nina Smidt ( MANAGING DIRECTOR AND SPOKESPERSON OF THE BOARD AT SIEMENS STIFTUNG, GERMANY ) Deb L Morrison ( University of Washington and Clear Environmental, us and Canada ) Vivian Cecilia Puerta ( executive director, empresas públicas de medellín foundation, colombia ) 12:05 ? QUESTIONS (10')

12:15

ROUND TABLE 3: Integrating CCE into Development Cooperation



Virginie Delisee-Pizzo { HEAD OF EDUCATION, AGENCE FRANÇAISE DE DÉVELOPPEMENT } Annika Sundback-Lindroos ( Policy Officer, Greening Education, DG Intpa, European Commission ) Raphaelle Martinez { GLOBAL PARTNERSHIP FOR EDUCATION'S EDUCATION POLICY AND LEARNING TEAM LEAD } 13:05 **QUESTIONS** (10')



Cocktail lunch - Networking



You will be served a vegetarian cocktail lunch prepared by a French caterer producing its recipes exclusively from organic and locally grown products.



Laguna Lejía, San Pedro de Atacama, Chile

Context and presentation of the ALEC project 14:30



David Wilgenbus { EXECUTIVE DIRECTOR, OCE }

Natalie Nicetto { EXECUTIVE ASSISTANT AND PROJECT MANAGER, OCE }

Presentation by local partners: activities and results 14:40



Claudia Robles { DIRECTOR, INNOVEC, MEXICO }

Mauricio Duque { STEM EDUCATION CONSULTANT, STEM-ACADEMIA, COLOMBIA }

Natalia Ucrós { PROJECT DIRECTOR, FONDO ACCIÓN, COLOMBIA }

Benjamin Quesada { RESEARCHER, UNIVERSIDAD ROSARIO, COLOMBIA }

Coffee break 16:00

16:10

17:30

19:00

Expansion – first results

CHILE: Pilar Reyes ( EXECUTIVE DIRECOR, ECBI UNIVERSIDAD DE CHILE )

PANAMA: Margarita Gomez ( TEACHER TRAINING COORDINATOR, STEM-ACADEMIA, COLOMBIA )

ARRICE: African Regional Resilience Initiative on Climate Education 16:30



David Wilgenbus { EXECUTIVE DIRECTOR, OCE }

Questions and answers (15') 16:45

Departure from the Foundation to Villarceaux



Dinner 🧖 You will be served a vegetarian dinner prepared by our host at La Bergerie de Villarceaux. Each meal is prepared with organic and seasonal fruits and vegetables.

End of the day 1 20:30

# WEDNESDAY 13TH SEPTEMBER PROGRAM .....

Today we are going to spend the day working in two groups. We will focus on scientific aspects by deep diving into the topics of Ocean & Cryosphere and Greenhouse effect. Each of you can see the group you belong to directly on your badge.

09:00

Two parallel workshops



#### Group #1 - Inquiry based science pedagogy - The Greenhouse Effect

David Wilgenbus { EXECUTIVE DIRECTOR, OCE }

Margarita Gomez { TEACHER TRAINING COORDINATOR, STEM-ACADEMIA, COLOMBIA }

In this workshop we will experience inquiry based pedagogy by carrying out different experiments to understand the greenhouse effect and the role of infrared radiation in climate change.

### Group #2 - Inquiry based science pedagogy - Ocean, Cryosphere and Climate

Nicolas Voot { EDUCATION OFFICER, OCE }

Apurva Barve ( coordinator, centre for resources, maharashtra state faculty development academy, india )

In this workshop we will experience inquiry based pedagogy by carrying out different experiments to investigate glacier and sea ice melting, sea level rise, ocean acidification and its consequences for biodiversity.

10:45 COFFE BREAK (30')

13:15

Lunch break



14:30

Two parallel workshops



#### Group #1 - Inquiry based science pedagogy - Ocean, Cryosphere and Climate

Nicolas Vogt { EDUCATION OFFICER, OCE }

Apurva Barve ( COORDINATOR, CENTRE FOR RESOURCES, MAHARASHTRA STATE FACULTY DEVELOPMENT ACADEMY, INDIA )

#### Group #2 – Inquiry based science pedagogy – The Greenhouse Effect

David Wilgenbus { EXECUTIVE DIRECTOR, OCE }

Margarita Gomez { TEACHER TRAINING COORDINATOR, STEM-ACADEMIA, COLOMBIA }

16:15 COFFE BREAK (15')

18:30

Free time



19:00

Dinner



20:30

#### Building positive narratives - Storytelling night



Natalia Ucrós ( PROJECT DIRECTOR, FONDO ACCIÓN, COLOMBIA )

This evening, participants will get to experience an outdoor workshop to discover new ways of connecting, feeling and communicating about climate change in order to explore how the topic impacts everyone's life experience and find new ways of creating engagement.

22:30

End of the day 2

# THURSDAY 14TH SEPTEMBER PROGRAM .....

On this third day we will start the morning by exploring how project based pedagogy can be used to incentivise climate action in students, while also exploring the links between climate change and human & social sciences. In the afternoon, we will all get together to learn from existing best practices and discuss the latest research on the field of climate change education. Later there will be some time for participants to pause, reflect and exchange between one another on what they've learned so far and make valuable connections. We will finish the day with a special Gala diner in the premises of Villarceaux.



Two parallel workshops



#### Group #1 - Project based pedagogy

Kristina Madsen { INTERNATIONAL COORDINATOR OF EDUCATION, FEE }

In this workshop we will go over the theory and provide a few concrete examples of project based pedagogy in the context of climate change.

#### Group #2 - Human and social sciences for CCE

Simon Klein ( SCIENCE OFFICER, OCE ), Natalie Nicetto ( EXECUTIVE ASSISTANT AND PROJECT MANAGER, OCE )

This workshop explores some of the complex emotions that under-pin how educators and learners understand and respond to climate change, in the classroom. You will investigate frameworks which can deepen understanding of how people are positioned within the issue of climate breakdown, and consider the individual and collective forms of action which may ensue.



Coffee break







#### Group #1 - Human and social sciences for CCE

## Group #2 - Project based pedagogy



Lunch break /



#### 14:00

# What is quality CCE? How to evaluate?

Benjamin Quesada { RESEARCHER, UNIVERSIDAD ROSARIO, COLOMBIA }

Anwar Bhai Rumjaun ( Associate Professor at Mauritius Institute of Education, Mauritius )

Climate change is an unprecedented challenge that education is now facing from primary to high school level. Teachers, possible, what quality CCE is.



Coffee break









Free time \_\_\_\_\_\_\_





#### Gala dinner in Villarceaux



As the seminar approaches to the end this event will be the opportunity to share some closing remarks and enjoy a special dinner and drinks prepared by our host of La Bergerie de Villarceaux.

# FRIDAY 15TH SEPTEMBER PROGRAM .....

It's time to wrap up and start working on concrete actions. We will dedicate this morning to work in pairs on strategic planning, ensuring everyone goes back home with a clear roadmap.

Strategic planning workshop 09:00



During this session, we will work in pairs to start drafting a strategic plan tailored to your own context. This will be followed by a group discussion.

Lunch break 13:00



Departure to Paris 14:30

≈15:45



We will all leave together by bus back to Paris.

Arrival to Gare du Nord (Paris) – End of the 2<sup>nd</sup> International Seminar on Climate Change Education

The bus will arrive at Gare du Nord from where all participants will be free to leave to their own next destination. From Gare du Nord participants will have easy direct access to public transport to Roissy Charles De Gaulle Airport.



# Office for Climate Education



The Office for Climate Education (OCE) is an international organization based in Paris working to promote climate

change education worldwide, by producing pedagogical resources and professional development for teachers and trainers.

The OCE's ambition is to become a worldwide reference in climate change education, building on its collaboration with institutional actors, including UNESCO, the IPCC, ministries of education and the environment, as well as with scientific organizations and academies, NGOs and schools from around the world.

The OCE contributes to building consortia of stakeholders to facilitate the development of scalable climate change education initiatives at national and international levels. Through providing training and policy advice, the OCE also supports ministries of education and the environment to integrate climate change education in curricula and policy.

The OCE focuses on formal education targeting the 9-15-year-old age group with a view to promoting equal opportunity to quality climate change education for all, boys and girls alike.



David Wilgenbus

OCE OPERATIONAL TEAM



Natalie Nicetto



Djian Sadadou



Simon Klein



Micol Picasso





Nicolas Voqt



Éva Perrier



Adeline Aroskay





#### INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE (IPCC)

The Intergovernmental Panel on Climate Change is an intergovernmental body of the United Nations responsible for advancing knowledge on human-induced climate change. The IPCC provides objective and comprehensive scientific information on anthropogenic climate change, including the natural, political, and economic impacts and risks, and possible response options.



#### ACADÉMIE DES SCIENCES

The French Academie des Sciences is an assembly of some of the most eminent French and foreign scientific specialists. Through their discussions and debates. Académie des sciences creates an expert framework and warning system for the political, ethical, and societal ramifications of science.

https://www.academie-sciences.fr/en/



## FONDATION SIMONE ET CINO DEL DUCA

The Simone and Cino Del Duca Foundation is a renowned philanthropic institution based in France. The foundation's mission is to promote and support various fields of culture, science, and social welfare. With a commitment to fostering cultural enrichment and social progress, the Simone and Cino Del Duca Foundation continues to play a pivotal role in supporting the arts, sciences, and social initiatives.

https://www.fondation-del-duca.fr/



## UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

UNESCO is a specialized agency of the United Nations that provides global and regional leadership in education, strengthens education systems worldwide and responds to contemporary global challenges through education with gender equality as an underlying principle. Its work encompasses quality educational development from pre-school to higher education and beyonds. It pursues this objective through five major programme areas: education, natural sciences, social/human sciences, culture and communication/ information. UNESCO sponsors projects that improve literacy, provide technical training and education, advance science, protect independent media and press freedom, preserve regional and cultural history, and promote cultural diversity.

https://www.unesco.org/en



#### FONDATION LA MAIN À LA PÂTE

The foundation La Main à la pâte is a scientific cooperation foundation created by the Académie des Sciences and the Écoles Normales Supérieures of Paris and Lyon. La Main à la pâte works alongside teachers and students to diversify educational approaches. The foundation promotes active learning in science to stimulate the curiosity and imagination of all students, while helping them to acquire solid scientific knowledge and skills.

https://fondation-lamap.org/en

# **SIEMENS** | Stiftung

#### SIEMENS STIFTUNG

Siemens Stiftung is a non-profit foundation, promoting sustainable social development. Together with their international partners, they are creating educational STEM (science, technology, engineering, and mathematics) projects and net- works on a co-constructive basis - and, in so doing, are producing local solutions to global challenges. Siemens Stiftung is providing continuing education opportunities for educators and high-quality teaching and learning materials, making a genuine, concrete contribution to high-quality STEM lessons that are accessible to everyone along the entire education chain.

https://www.siemens-stiftung.org/en/



#### MAURITIUS INSTITUTE OF EDUCATION (MIE)

The Mauritius Institute of Education is an educational administration program that offers training to school teachers for the pre-primary, primary and secondary schools. The MIE is committed to advancing professional standards dedicated to the making of an institution of excellence in teaching, curriculum development and research, while advancing creativity and engagement at all levels.



# UNIVERSIDAD DEL ROSARIO

The Universidad del Rosario, located in Bogotá, Colombia, is a renowned private institution of higher education committed to academic excellence, research, and social impact. The Universidad del Rosario offers a diverse range of undergraduate and graduate programs across multiple disciplines. These include fields such as law, business administration, economics, political science, international relations, social sciences, engineering, medicine, and humanities.



# VERACRUZ SECRETARY OF EDUCATION, MEXICO

The Department of Education and Culture (Secretaría de Educación y Cultura) is the government body that is responsible for determining the local policies and direction of the educational and cultural system in the Mexican State of Veracruz.



#### FONDATION CHARLES LÉOPOLD MAYER POUR LE PROGRÈS DE L'HOMME

Charles Léopold Mayer Foundation for Human Progress is a prominent philanthropic organization that strives to promote human progress and social development. Established with the vision of creating a more equitable and sustainable world, the foundation has been actively working towards achieving its mission since its inception.

https://www.fph.ch/index fr.html



#### STEM ACADEMIA

STEM Academia is a distinguished organization dedicated to promoting STEM (Science, Technology, Engineering, and Mathematics) education and fostering a passion for these fields among students. With a commitment to equipping the next generation with critical skills and knowledge, STEM Academia strives to create a world where STEM literacy and innovation thrive.

https://www.stem-academia.net/



#### FONDO ACCIÓN

Fondo Acción is a prominent organization committed to promoting sustainable development and fostering social and environmental progress in Colombia. With a focus on sustainable finance and conservation, Fondo Acción plays a pivotal role in driving positive change and creating a more resilient and equitable society.



## FOND FRANÇAIS POUR L'ENVIRONNEMENT MONDIAL (FFEM)

The French Facility for Global Environment (FFEM) is a renowned international organization dedicated to financing innovative projects that address global environmental challenges. Established in 1994 by the French government and several international partners, FFEM aims to promote sustainable development, biodiversity cons ervation, and climate change mitigation across the globe.



## AGENCE FRANÇAISE DE DÉVELOPPEMENT (AFD)

The Agence Française de Développement (AFD) Group champions, facilitates. and expedites the transformations towards a more equitable and environmentally conscious global landscape. As a prominent international financial institution, the AFD Group operates as a catalyst for positive change, fostering innovative solutions and sustainable development practices.



#### INNOVEC

Innovec is a prominent organization in Mexico dedicated to enhancing education through innovation and capacity building for teachers. With a strong commitment to improving the quality of education, Innovec plays a vital role in empowering educators and fostering educational excellence.



Liberté Égalité Fraternité

#### MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR ET DE LA RECHERCHE

The French Ministry of Higher Education and Research, fosters cutting-edge education, advanced research. Their initiatives drive intellectual growth, technological advancement, and creative exploration, ensuring France's prominent role on the global stage of academia. https://www.enseignementsup-recherche.

## MINISTÈRE DE L'ÉDUCATION NATIONALE ET DE LA JEUNESSE

The French Ministry of National Education and Youth is dedicated to nurturing quality education and holistic development. Their efforts span from early childhood education to secondary schooling, aiming to empower the youth with knowledge, critical thinking, and values that contribute to societal progress.

## MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE ET DE LA COHÉSION DES TERRITOIRES

The French Ministry of Ecological Transition and Territorial Cohesion is at the forefront of the nation's sustainable development efforts. Through policies that address environmental challenges. promote green technologies, and foster territorial harmony, this ministry plays a pivotal role in guiding France's transition towards a more eco-conscious and equitable future.

past days and write down how this experience has impacted you.	the seminar (
	What will you remember? What are your 3 main takeaways from the second international seminar on climate change education?
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Januari II way taka a ati ang Milatana tha firet Gatasa	
How will you take action? What are the first 3 steps you can take during your first month back home to get the hall rolling on climate change education?	
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