
SECOND INTERNATIONAL CONFERENCE AND POP FESTIVAL FOR YOUTH-LED CLIMATE ACTION

(POP FESTIVAL 2020)



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PREFACE

“I think POP-related Festival for Youth Climate Action is a good way to inform the world of the urgency of the climate crisis.”

- BAN KI-MOON, 8TH SECRETARY-GENERAL OF THE UNITED NATIONS

The Second International Conference and POP Festival for Youth-Led Climate Action or **POP Festival 2020** was organized by the POP (Protect Our Planet) Movement from December 1-5, 2020. Optimizing the potential to transcend closed borders and physical boundaries posed by the COVID-19 restrictions, the festival took the virtual platform with an outreach of over half-a-million people across 78 countries in the Americas, Africa, Asia, Europe, and Australia. Presented in partnership with **Her Excellency Dra. Rosalia Arteaga, former President of Ecuador, and her Foundation, Fundación Fidal, the Government of Durango, the Government of Tamaulipas, Funvive, Instituto Politécnico Nacional, the University of Guadalajara, and the University of Querétaro**, the POP Festival 2020 was believed to be the largest, virtual youth-led climate action festival, held with the partnership of around 60 youth-groups, universities, research institutions, organizations, and governments.

A swell of evocative facts and narratives on the deteriorating health of the environment has resounded a clarion call for urgent action that we have slowly begun to acknowledge in recent times. It is important to recognize that this “urgent action” entails not a universally applicable solution, but contextually oriented multi-level approaches that involve the concerted engagement of different parties and stakeholders. Grassroots and bottom up efforts across geographies form an integral component of this and are best positioned to be steered by active youth leadership that is inspired by knowledge and values.

In this youth-inspired platform of innovation and knowledge, global leaders, academics, experts, and indigenous groups came together with youth to showcase climate action, share knowledge, cross-learn, and connect, empowering each other. They engaged in the five-day festival that witnessed **44 sessions**, in the form of **interactive presentations, dialogue, discussions, capacity building workshops, and creative events, including music concerts** led by youth orchestras. Participants, ages 5 to 85, from Brisbane to Brazil celebrated coming together as one global family founded on love and a common passion to Protect Our Planet.

In an attempt to promote intergenerational and cross-sectoral engagement for the advancement of youth leadership, the festival saw the participation of over **15 heads of states and governments** and **close to 60 global leaders** alongside the expansive participation of youth from diverse settings.

INAUGURATION

The opening ceremony of the POP Festival 2020 celebrated the coming together of eminent personalities, leaders, youth advocates and influencers from around the world who are dedicated to protect the future of our planet. The festival commenced on a high and inspiring note, with keynote speeches from Dr. Ash Pachauri, POP Senior Mentor, Dr. Rosalia Arteaga, Former Constitutional President of Ecuador, and many more distinguished delegates and speakers. Uniting art and music with the environment, the session witnessed a spell-binding performance from Rafaela de Pozo, Young Orchestra of Ecuador and Ghetto Kids.

Speakers:

- Dr. Ash Pachauri, Senior Mentor, POP Movement
- Wishes for success from Secretary-General Ban Ki-moon
- Dr. R.K. Pachauri's pre-recorded message from POP Festival 2019
- Rodolfo Romero, Pai Tavytera People (indigenous youth), POP Movement, Paraguay
- Meda Hope Malinga, Hitaji Africa, Uganda
- Dr. Oscar Blanco Alonso, Secretario Académico del Centro Universitario de Ciencias Exactas e Ingenierías, Universidad de Guadalajara, México
- Maestro Diego Carneiro, Orquesta Joven del Ecuador/Youth Orchestra of Ecuador
- Dra. María del Carmen Martínez Valenzuela, Vice-Rectora, Universidad Autónoma de Occidente, México
- Andrés Delgado Lander, POP Movement, Venezuela
- Dr. Héctor Mayagoitia Domínguez, Former Director of National Polytechnic Institute, Former Governor of Durango, México
- Dr. Manuel Díaz, Founder and Director, Fundación Ambiental Vida Verde (FUNVIVE), Venezuela
- Mariangela Lozada, POP Movement, Venezuela (1.5 minutes)
- Dra. Margarita Teresa de Jesús García Gasca, Rector, Universidad Autónoma de Querétaro, México
- Dr. Mario Alberto Rodríguez Casas, General Director, National Polytechnic Institute
- Lic. Mario Gómez Monroy, Minister of Education, Tamaulipas, México
- Sofia Lana, Verdeagua, Spain
- Prof. Petteri Taalas, Secretary-General, World Meteorological Organization, Geneva
- Mr. Nitin Desai, Chairman, Governing Council, The Energy and Resources Institute, India
- H.E. Dr. José Rosas Aispuro Torres, Governor of Durango, México (Represented by H.E. Mr. Alfredo Herrera Duenweg, Minister Natural Resources and Environment)
- H.E. Dra. Rosalía Arteaga, Former Constitutional President of Ecuador
- Bianca Orqueda, People, Etnia Nivaclé, Comunidad de uj'elhavos, Departamento Filadelfia Chaco, Paraguay

"I have a lot of faith in the youth who not only use nice words with the environment, I have faith in those who with actions demonstrate their commitment and work hard to achieve a Change. Please don't faint, don't lower your arms. "

- **DRA. ROSALÍA ARTEAGA, FORMER PRESIDENT OF ECUADOR**



"I love this Movement, fundamental and especially dedicated to the Young people and the actions they are taking, because they are the ones who will protect and will save the planet to reach 2050 with zero emissions of pollutants into the atmosphere."

- **DR. HECTOR MAYAGOITIA, MEXICO**

"We are part of nature and if we don't protect nature then we will not be protected. The most important thing is to rethink our relationship with nature and there is a need to change our behavior, there is a need for cooperation without boundaries,"

- **NITIN DESAI, DISTINGUISHED FELLOW, EARTH SCIENCE AND CLIMATE CHANGE, TERI, INDIA**



"There is hope, you are hope, don't let anybody tell you you're not. If we keep this up we can change the course of history. Let's move forward."

- **DR. ASH PACHAURI**

"All we need is passion and open heartedness to change the world. You are never too young or too old to achieve your dreams. You are enough."

- **MEDA HOPE MALINGA, 17 YEAR OLD FROM HITAJI AFRICA, UGANDA.**





PANEL AND DIALOGUE SESSION



“Partnerships and collaborations are key towards a sustainable future.”

- LARS JACOBSSON, CO-FOUNDER AND MEMBER OF THE BOARD, THE PERFECT WORLD FOUNDATION, SWEDEN

“Young people are the only actors who have the power to influence decision-making, they are the ones who have the responsibility to demand responsible Public Policies.”

DR. ADRIAN FERNANDEZ, CEO, CLIMATE INITIATIVE OF MEXICO

“Diversity enriches us, it is the most important thing to innovate, achieve change and remove generational barriers that prevent us from making the sum that leads us to generate a great impact.”

-MARÍA JACQUES VALENZUELA, CAMBIO IBERO, MEXICO

“It is a very great challenge to take leadership in an apathetic and corrupt society, even so, every young person should have leadership as a fundamental principle in their life to create a more just society.”

-GABRIELA MADRID, POP MOVEMENT, VENEZUELA

“The most transcendental aspect of the global economic recovery must be focused on the replacement of energies derived from coal, we must aim for sustainability.”

-MR. MAURICIO BONILLA, EXECUTIVE DIRECTOR, GLOBAL COMPACT LOCAL NETWORK

“We can love mother earth, but it is in our hands to build this love with our knowledge and actions.”

-CARMEN SALZANO, CEO ADELANTE CONSULTORES, ODS MANAGER AT ONHOFF TECHNOLOGIES, CHILE

“Resilience, perseverance along with commitment is the key to success.”

- H.E.MIKE RANN, FORMER PREMIER OF SOUTH AUSTRALIA

“There is no one type of climate activist.”

- KELSEY GRAY, CLIMATE ADVOCATE, AUSTRALIA

“Success requires a deep understanding of human psychology and economic/social constraints that usually comes from a lot of experience.”

- PROFESSOR RICHARD DASHER, UNITED STATES DIRECTOR OF US-ASIA TECHNOLOGY MANAGEMENT CENTER; ADJUNCT PROFESSOR AT STANFORD UNIVERSITY

“If we do not fight now, in the future we will have to say that we are here, but we do not exist.”

- BALMORE ZANCO, ETNIA NAHUA PIPIL, EL SALVADOR

“Children and youth can really play a crucial role for mitigating issues we are discussing today.”

- MAMI MIZUTORI, SRSG, UN DISASTER RISK REDUCTION, SWITZERLAND

“We are recovering the loss of our culture, our teachings, our language and our nature. It is an immense struggle but we must protect our knowledge and our lives.”

- CEFERINO KREIGI, ETNIA ACHÉ, PARAGUAY

“In indigenous communities, inclusive research must begin to be expanded, it is necessary to awaken leaders who are the engine of change within our communities.”

- MARÍA TERESA PÉREZ GÓMEZ, ETNIA TSOTSIL, MEXICO

“If we want to achieve higher results then we need to apply higher principles.”

- MILA POPOVICH, FOUNDER, EVOLVING LEADERSHIP

“Leadership is a process that can be learned. It starts with our aspirations. Aspiration has the power to create circumstances that we need.”

- GARRY JACOBS, CEO AND PRESIDENT, WORLD ACADEMY OF ART AND SCIENCE

“Fake news is not just claims without any evidence, but fake news is also where somebody is with a malicious intent trying to peddle not only a certain narrative but certain claims.”

- AARTI TIKOO, FOREIGN AND SECURITY AFFAIRS EDITOR, INDO-ASIAN NEWS SERVICE (IANS), INDIA

“For us to reach out, to acknowledge, to recognize other people. These are strong positive words which will actually make a difference.”

- DR. LIVLEEN K KAHLON, ASSOCIATE DIRECTOR, ENVIRONMENTAL EDUCATION AND AWARENESS, INDIA

“There are different lenses that we need to understand and if we are going to make effective, collective action or work together in a compelling way, we need to include all the stakeholders even the ones we fundamentally disagree with because they exist, they are part of our ecosystem.”

- PETA MILAN, CEO AND CO-FOUNDER, TRANSCENDENT MEDIA CAPITAL, JADE ELI TECHNOLOGIES

I. “THE FOUNDERS’ JOURNEY TO CREATING THE PERFECT WORLD”

The session featured the founders of The Perfect World Foundation who shared their extraordinary journey and exemplary leadership in the field of clean energy, ocean and wildlife conservation. [The Perfect World Foundation](#) was initiated as a result of the adverse conditions of elephants and rhinos around the world. Emphasizing the critical role of the youth, they stated that it is important to mobilize the young generation to be a part of the planetary journey. They also spoke about the urgent need to bring in sustainable technologies and circular techniques to the market, as the climate change crisis continues to worsen.

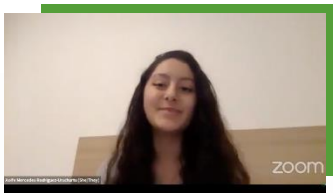


Ragnhild Jacobsson and Lars Jacobsson

Speaking on the issues highlighted by the pandemic, they stressed the importance of unity and solidarity and said, *“We need to travel, communicate, reach out to each other, if we want to make this world better.”*

– [WATCH SESSION](#)

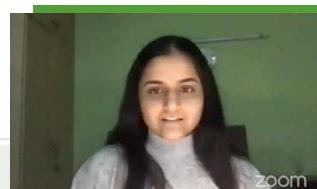
II. IMPORTANCE OF YOUTH CLIMATE ACTION: VOICES OF CLIMATE ADVOCATES



Aoife Mercedes Rodriguez-Uruchurtu, Teach the Future, U.K



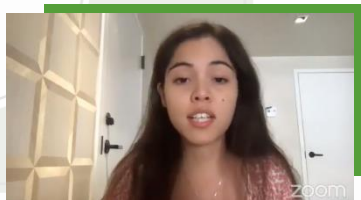
Camila González Colistro, Trainee Youth Mentor, POP Movement, Mexico



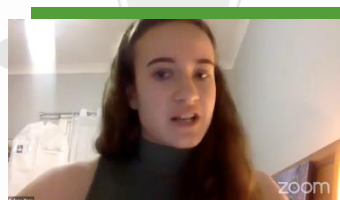
Ragini Malhotra, Shri Ram School, India



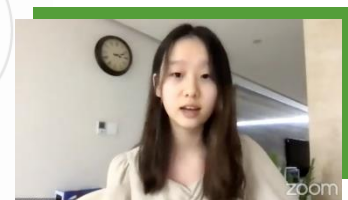
Meda Hope Malinga, Founder, Hitaji Africa



Xiye Bastida is a Climate Activist, Lead Organizer, Fridays for Future, USA



Kelsey Gray, Climate Advocate, Australia



Jihyeon Cherry Sung, Youth Climate Advocate, South Korea

The session brought together young, global leaders and changemakers from around the world to discuss and explore meaningful approaches to strengthening advocacy for climate action. This discussion brought to light the youth leaders who are standing strong and leading the fight against climate change. It also highlighted that the youth are not pleased with their leaders, as they repeatedly let political ideologies cloud their decisions, preventing them from looking at the bigger picture. We need to meet people, come together and act now. Additionally, it’s the vulnerable that are currently worst affected by the consequences of climate change – bringing our attention to the fact that climate change is very deeply intertwined with human rights.

There was also an emphasis on the importance of environmental education in schools and the lack thereof in most countries. As one youth leader shared that they were never taught about climate change in their school, calling for the urgent need for developing quality educational resources and pushing schools to implement them at the earliest. – [WATCH SESSION](#)

III. `ROLE OF YOUTH IN BUILDING A SUSTAINABLE FUTURE

The speakers Laura Turner Seydel and her daughter, Vasser Seydel talked about what it is like tackling climate change and Protecting Our Planet through the generations; and the actions most needed today. Laura is the chairperson of the Captain Planet Foundation and Vasser is on the Board of Directors of the Turner Foundation. Through their experiences forming an environmentally conscious family they emphasized how important action is, no matter the scale. They recognize that we need high-level change in both the government and the corporate world, but that they are certain that the key to a sustainable future is implementing environmental education in schools, promoting eco-projects and, most importantly, empowering the youth to create their own movements and take action. – [WATCH SESSION](#)



**Laura Turner Seydel,
Chairperson, Captain
Planet Foundation**



**Vasser Seydel, Board of
Directors, Turner
Foundation**

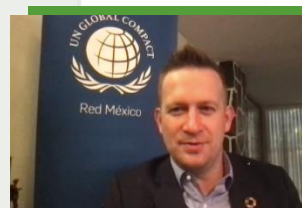
IV. `SUSTAINABILITY LEADERSHIP IN LATIN AMERICA



**Dr. Adrián Fernández,
CEO, Mexico Climate
Initiative**



**Dr. Enrique Alberto Vázquez
Constantino, Researcher and
Industrial Entrepreneur,
Chiapas, Mexico**



**Mr. Mauricio Bonilla,
Executive Director, Global
Compact Local Network
México**

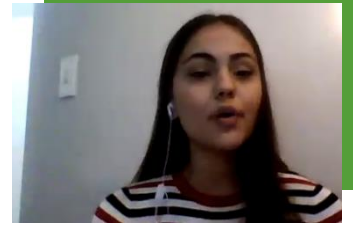


**Carmen Salzano, CEO
Adelante Consultores,
Manager ODS at Onhoff
Technologies, Chile**

The session explored strategies for building sustainability leadership in Latin America. Dr. Adrian Fernandez opened the session by stating that *“it is the young people who have the greatest potential to inhibit and influence consumption decisions.”* He invited young people to deepen their call for accountability to the rulers, in order to demand good public policies.



María Jacques Valenzuela, Cambio Ibero, México



Gabriela Madrid, Pop Movement, Venezuela

Speaking about the role of leaders in supporting our environment, Dr. Enrique Alberto Vázquez Constantino, shared that it is essential that leaders have knowledge, in addition to having consistency, commitment, and a certain level of awareness, to take action.

Mr. Mauricio Bonilla spoke about the role of consumers, employees, investors and companies in sustainability, and highlighted that one of the greatest challenges faced by those who work in cooperative sustainability is the inability to connect sustainability with the value chain of companies, which can represent profitability.

Carmen Salzano spoke about the fundamental role of transforming our consumption and production patterns which would form the true alliances for sustainable development.

Gabriela Madrid emphasized the fundamental role of the youth in recovering everything we have lost due to our lack of consciousness. The way to rebuild demands leadership and education, which must redirect responsibly, security, trust, and knowledge. – [WATCH SESSION IN SPANISH](#)

V. VISIONARY LEADERSHIP



Peta Milan, Founder and CEO Showing Up and Transcendent Media Capital



H.E. Mike Rann, Former Premier of South Australia

This session held a conversation between H.E. Mike Rann, longstanding Premier of South Australia, as he discussed visionary leadership in achieving Agenda 2030 in light of COVID-19, and Peta Milan, a global entrepreneur and advocate for action on sustainability underscored the importance of visionary female leadership. H.E. Mike Rann emphasized the importance of citizens demanding specific political strategies to their national leaders to fight the environmental threat.

The political leaders need to be authentic in such a way that ordinary people can relate to them. On the other hand, Peta Milan emphasized how crucial it is for society to study news media literacy to be able to tell the difference between what is factual and what is not. In order to create a more just world, in a corporate, political and environmental scale, men and women need to work on their compassion and empathy skills, as well as, develop a sense of responsibility to end sexist stereotypes and work together towards shared goals. – [WATCH SESSION](#)

VI. CLIMATE ACTION BY INDIGENOUS COMMUNITIES IN LATIN AMERICA

- **Johan Ramos, Etnia Warao, Venezuela**
- **Balmore Zanco, Etnia Nahua Pipil, El Salvador**
- **David Porcel, CONTIOCAP: National Coordination of Indigenous and Peasant Territories and Protected Areas, Bolivia**
- **Rodolfo Romero, Etnia Pai Tavytera, Paraguay**
- **Claudelino Balbuena, Etnia Ishir Ybytoso, Paraguay**
- **Ceferino Kreigi, Etnia Aché, Paraguay**
- **María Teresa Pérez Gómez, Etnia Tsotsil, México**
- **Mario Alberto Santís Ruíz, Etnia Tsotsil, México**
- **Diego Toj, Etnia Maya Mam', México**
- **Melina Maldonado, Etnia Mayo Yoreme, México**
- **Ana Poot, Etnia Maya Yucateca, México**



This panel discussion explored solutions to environmental challenges that confront indigenous communities in Latin America. For them, one of the biggest challenges is to reach the legislative chambers and have more voice in voting processes. While they have their roots in tradition, they are also here today facing the consequences of actions of people who are reckless towards our environment. One step towards solving this problem is to find a way to unite countries and involve indigenous communities in the happenings at local, national, and international levels. We are still a long way from involving the indigenous people in decision-making processes.



It is also necessary to start creating dialogue between citizens so that projects are implemented, involving the youth. Change needs to start at the local level, while ensuring nobody is left behind in the process. We also need higher levels of awareness and reaffirm the fact that the people, forests and rivers in indigenous areas are forms of pure life and play a very crucial role in the movement to protect our environment. –

[WATCH SESSION IN SPANISH](#)

VII. ROLE OF YOUTH IN IMPLEMENTING GREEN ECOSYSTEMS SOLUTIONS

This session covered the crucial role that youth play in implementing green solutions. The keynote speakers shared their inputs on how the youth can and should involve themselves in implementing eco-friendly initiatives.

Young people have the opportunity and means to inform themselves, through the internet, about the current state of the environment. Through this, they have an opportunity, and obligation, to inform, consult and work within their communities to restore any environmental degradation and be a part of the creation of eco-jobs. Furthermore, the youth need to work closely with local bodies and support their environment-related action plans. Finally, the youth should also demand environmental education to raise awareness in their community and promote timely and meaningful action. – [WATCH SESSION](#)



H.E. Dr. Lawrence Gonzi,
Former Prime Minister of
Malta



Dr. Erik Solheim, Former
Executive Director, UNEP

VIII. SPECIAL SESSION ON THE OCEAN



H.E. Mami Mizutori, SRSG
for Disaster Risk Reduction

Her Excellency SRSG Mami Mizutori shared how 2020 has been a very challenging year for everyone and highlighted that the groups that we need to be most concerned about are children and those with disabilities. Speaking about the key aspects of the Disaster Risk Reduction Framework, she stated that it requires each of us to manage risks before they become disasters. One of the most important aspects in achieving the framework is to apply a broader people-centric approach. Her Excellency stated that the importance of integrating new voices and voices of the youth into the plan are quintessential. Additionally, the process of accountability for progress needs to see the active involvement of youth.

The youth of the world are the guardians of change. Her Excellency's message for the youth was simple – *“managing disaster risks is key.”* She also emphasized the fact that it is not the role of the youth alone that counts, every stakeholder has a role to play. The United Nations (UN) needs to reach out to communities to ensure that every environmental institution has an active club which operationalizes concepts and plans. While the UN works with members and stakeholders, true change can only be achieved if people on the ground are capacitated. Additionally, gender balance of all generations is important if we are to achieve the future we want.

Responding to the wonderful and pertinent questions that were raised by the youth leaders and ocean advocates, Her Excellency spoke in particular about developing projects and solution-models needed to tackle the planetary crisis and shared the importance of including vulnerable people. A project can be a real success if it is in line with current scientific development. Additionally, when we talk about climate emergencies, we tend to only focus on problems rather than thinking of their opportunities. It is crucial that we think about both the sides as many of the aspiring entrepreneurs are sure to come with innovative ideas to address the problems at hand, if we take this approach.

Talking about the role of governments and institutions, she said that governments need to be mindful while creating policies and reach local communities as there is a high need for them to partake in adopting risk reduction.

Discussing the skills that youth must hone in today's times, Her Excellency believes that there are skills that are needed across generations. It is very important that you relate to people and people relate to you. – [WATCH SESSION](#)

IX. IMPORTANCE OF TRANSFORMATIONAL LEADERSHIP AMONG YOUTH



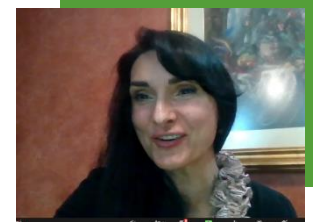
Garry Jacobs, CEO and President of the World Academy of Art & Science



Dr. José Ramos-Horta, Former President of East Timor



Ekaterina Zagladina, President, Permanent Secretariat of the World Summit of Nobel Peace Laureates



Mila Popovich, Founder, EVOLving Leadership

The panelists shared their views on transformational leadership and stated that its “main feature is that it posits radical change as being possible in spite of all the obstacles”. Love, wisdom, responsibility, and respect represent humanity’s top noble values and are the starting point towards achieving this kind of leadership. The key message from the session was the necessity to form transformational leaders that guide us to take care of ourselves by protecting mother earth and positively transforming our reality. “Leadership is a process that can be learned. It starts with our aspirations. Aspiration has the power to create circumstances that we need,” emphasized Garry Jacobs. He added that the word “transformational leadership” has a connotation in itself which shows that we are focusing on the future. According to him, the main feature of transformational leadership is the belief in radical change despite all obstacles.

Ekaterina Zagladina spoke about inner peace being the most important factor for a leader as it affects whatever happens around us. She emphasized that peace is a way of life and is a commitment that saves us from deconstructions. She argued that peace education and cross-cultural activities like POP Festival are important to nurture transformational youth leadership. According to her, a leader not only follows the rules but also creates an idea with positive creativity, to save humanity.

Speaking of the foundation of reasoning and thinking, Mila Popovich noted that civilizational growth and development has been based on bio-social conflict, indicating a crisis of conventional leadership. She said, “to be extracting value from life without adding to life, and not aligning ourselves with life-supporting principles is suicidal.” She referred to the historical development of transformational youth leadership and how it exemplifies collective intelligence, as a positive example for the larger conversion of existing value systems. According to her, we need to nurture the value that we are inter-beings who are on the path of co-becoming. Promoting self-actualization as our highest need, we need to create a world of in-belonging where inter-dependent evolution is considered vital. “If we want to achieve higher results then we need to apply higher principles,” she added. – [WATCH SESSION](#)

X. YOUTH CLIMATE ACTION AND INNOVATIVE TECHNOLOGIES

The special address by Professor Richard Dasher focused on the application of innovative technologies and leadership among youth in addressing the climate crisis. He said, “*I am talking to the hope of our future and technology is used to give hope to people.*” Highlighting the significance of sustainable technology, he emphasized how sustainability begins at



Prof. Richard Dasher, Director, US-Asia Technology Management Center, Stanford University, USA

home and how one needs to focus on how the technology is being used. Additionally, climate action requires disruption of many current practices. Technology is only a tool for innovation and innovation means change. We need to be educated about what people really need. – [WATCH SESSION](#)

XI. THE ROLE OF YOUTH AND SUSTAINABLE DEVELOPMENT IN THE PANDEMIC ERA

Speaking of the COVID-19 pandemic, Dr. Oana Brânda explained that sustainable development has taken a back seat in our list of priorities. Nevertheless, the pandemic has also opened many doors and allowed young students to be very much aware of the gaps and opportunities in their surroundings. To the youth, she noted that even if they do not see an immediate impact of their actions, and they may not change the world today, in the long-term, they will. Becoming a role model to other people will have a big impact.

– [WATCH SESSION](#)



Dr. Oana Brânda, Lecturer, Institute for Advanced Studies in Levant Culture and Civilization, Romania

XII. YOUTH-LED CLIMATE ACTION AND SECURITY POST COVID-19



H.E. Mary Robinson, Chair of the Elders

Her Excellency Mary Robinson offered a glimpse into the post Covid-19 world, discussing food security, energy security and global security issues and the importance of youth-led climate action.

While it is inspiring to see so many young people taking up the issue of climate change, she believes that this is also a tragedy. The short-term thinking and economic greed displayed by the earlier generations, along with many other reasons, has been placed above the well-being of the majority. We have the scientific knowledge, and an understanding of the climate crisis that indicates that this situation will only continue to get worse.

It is also inspiring to see how young people have demanded action for climate change throughout 2020, despite the restrictions imposed by the pandemic. It is important to actively involve youth in decision making processes. Intergenerational dialogue has changed today with the exchanges becoming much more balanced, as the youth are

digitally smart and have a vision of the future they want. This makes it all the more important for sustained and transparent dialogue at all levels between youth and decision makers. It is also important to ensure that all young people have access to quality education so that they are able to participate in these processes. Furthermore, vulnerable and indigenous communities should receive equal opportunities. We need leaders to amplify youth voices in their respective communities and pressure governments to take the right action. We need to unite across generations as we still have the opportunity to embrace the future with bravery, tenacity, hard work and action.

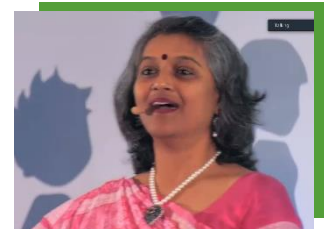
Answering the question of what is the solution for countries with leaders who undermine the youth, H.E. Robinson shared that peer pressure would play a very important role. Young people in countries that lack great leadership, need to step up a lot more now, and drag them into making the right decisions.

In response to how governments can tackle the urgent issues brought to light by the pandemic, while also ensuring that the environmental crisis does not take a back seat, she suggested that it is important to make climate action as practical on ground as possible. We also need to learn lessons from the pandemic and link our solutions for issues such as health, jobs, food security, issues faced by women, among others with the climate crisis.

She highlighted the importance of self-care and personal security which is very crucial to ensure balance of security in other spheres. Additionally, education should have a holistic and futuristic approach, ensuring we are prepared for all that comes our way. – [WATCH SESSION](#)

XIII. SHAKTI LEADERSHIP

In this pre-recorded session, Nilima Bhat spoke about Shakti Leadership and the kinds of power that exist in a spectrum. She presented the two kinds of power that exist in Shakti leadership: True and False Power. True power, focuses on win-win power with the intention for a “better good”, while False power, focuses on win-lose power and ultimately, self-interest. Shakti leadership aligns itself with true power because it gives internal source; it is unlimited; and it cannot be taken away from you. Whereas, false power relies on privileges and is focused on external sources; it is finite, and it can be taken away from you. Nilima Bhat urged everyone to exercise power mindfully to get to a win-win leadership that is good for us and the environment. – [WATCH SESSION](#)



Nilima Bhat, Founder, Shakti Leadership

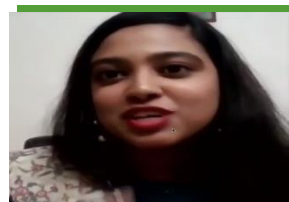
XIV. FAKE NEWS, MISINFORMATION AND ITS IMPACT ON LEADERSHIP DURING THE PANDEMIC



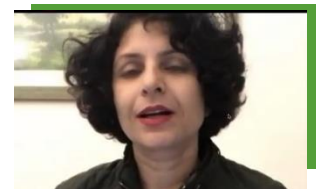
**Peta Milan, Founder and CEO
Showing Up and
Transcendent Media Capital**



**Zainab Yusufzai, Digital
Marketing Mentor, POP
Movement, Canada**



**Aayushi Sharma,
Communication Specialist,
Lawyer and Radio Artist**



**Aarti Tikoo Singh, Foreign and
Security Affairs Editor, Indo-Asian
News Service (IANS)**

The session explored the impacts of fake news and misinformation and their influences on leadership during the pandemic. Having no strict definition, fake news can be considered to be news satire, news parody, state propaganda, photo and video manipulation, news fabrication and so on. Aarti Tikoo noted that fake news is not just claims without any evidence but also peddling of a certain narrative and certain claims with a malicious intent. Due to information revolution, each person has become a “citizen journalist” in modern democracies and has been empowered to spread information (which may be false) depending on what their political ideology is and what their geopolitical/business/commercial interests are. She called this cacophony of perspectives, information, views and perceptions as the democratization of news.



**Lance Igon, Associate Dean For Strategic
Initiatives And Communication, USC Dana
And David Dornsife College Of Letters, Arts
And Science**

Peta Milan pointed out that fake news is a challenge because it shapes public opinion and public opinion in turn shapes policy making. She referred to an Oxford publication on bias in media and noted that the majority of the world’s media organizations were in a collusive space where they stick to certain kinds of narratives due to biases within the media institute, thereby driving varying narratives. She emphasized the need for media literacy and the importance of questioning the belief system and agenda behind the narratives we read. We need to adopt a multi-lens approach and look at counter-narratives too, as even the ones we fundamentally disagree with exist as part of our ecosystem.

Furthermore, Lance Igon underscored an important definition of fake news saying that “To many people, fake news is any news – no matter how legitimate it is – that doesn’t align with their belief system”. Zainab Yusufzai noted that with the overload of information and growing significance of social media, it is important for one to learn how to spot fake news from real news. This can be possible by adopting basic research techniques and supporting informed journalism. Aayushi Sharma highlighted the important issue of infodemic and stated that the problem is not just about misinformation, but disinformation too.

The session witnessed active debate among the panelists on whether fake news exists only in democracies or even in spaces where news-flow is controlled and only a single narrative is allowed to exist. The questions from participants on media ethics, regulation issues and dilemmas, identifying fake news, and more were actively dealt with as panelists unanimously espoused the importance of people being critical thinkers. A panelist noted that humility should always accompany critical thinking as one acknowledges the possibility that one may not be right. Rather than being a passive news consumer, it is a civic responsibility to critically engage with news and be open to learning and exploring new lenses.

– [WATCH SESSION](#)

XV. VOICES OF ACTION AND INSPIRATION



**Chairman Zhang, BROAD,
Changsha, China**

The pre-recorded session highlighted the importance of the impact that young people can have through personal actions, such as reducing the consumption of meat through dietary changes and heightening awareness about consumerism. Chairman Zhang spoke about the need for countries to limit the negative effects that come along with development. Furthermore, he stated that consumerism has been drilled into the minds of recent generations and the only hope lies in shifting toward sustainable consumption. To enable this, environmental education must start right at the primary school level. The session concluded with Samuel Okorie from POP Movement in Nigeria sharing his work about the ‘Safe School Project.’ –

[WATCH SESSION](#)

XVI. EDUCATION FOR SUSTAINABLE DEVELOPMENT: APPROACHES FOR YOUTH EMPOWERMENT

The session presented the work led by The Energy and Resources Institute (TERI) with youth, especially with school students from India. Globally there has been a paradigm shift in the way education is looked at and understood. The main objective behind this transformation is the need to evolve society through upgradation of knowledge, skills, values and behaviors that are needed to address sustainable development.

The Education for Sustainable Development (ESD) approach empowers learners to take informed decisions and responsible actions in favor of environmental integrity, economic viability, and a just society for present and future generations. The session aimed at bringing together like-minded organizations on a common platform to explain the myriad forms of education adopted for enriching young minds and transforming individuals to be responsible actors that can resolve challenges, respect cultural diversity, and contribute to creating a more just society. – [WATCH SESSION](#)



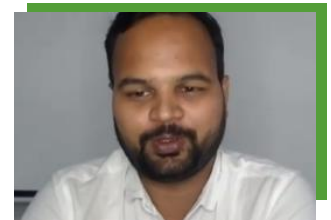
**Ms. Vijaya Sharma, Co-
Founder, Abhivyakti Centre
for Creative Arts**



**Mr. Vinod, Dharavi Project,
Acorn Foundation**



**Mr. Rakesh Khatri, Founder, Eco
Roots Foundation (known as Bird
man of India)**



**Mr. Rohit Sadaphal, Founder,
Eckonirmitee and Project
Architect, Industry 4.0**

XVII. CLIMATE CRISIS - EDUCATION FOR CLIMATE ACTION

The session was organized by the Carbon Initiative Forum (CIF) to highlight the importance of education for climate action. There's a huge gap in the way we currently address education and awareness related to climate change. To bridge this gap, all of us need to understand climate change – both how it affects us and how we affect it. Additionally, being informed about policies around climate change is essential to influence sustainable change and hold our leaders accountable.



CIF aims to empower the youth through the mainstreaming of climate policy in education and works to create city-level chapters, to become a national platform, growing and collated by the people, and to enable a larger movement and consequently a larger impact towards climate action. – [WATCH SESSION](#)



PROJECT PRESENTATIONS

Watch the project presentations here: <http://bit.ly/POPFestival2020ProjectPresentations>

The infographic features a green background with white rounded rectangular boxes containing quotes and names. At the bottom, there are five colored boxes representing project categories: Education and Advocacy (maroon), Science and Innovation (blue), Ecosystem and Biodiversity (green), Oceans (light blue), and Community-oriented (yellow).

“

“The fruits and vegetables waste which we are generating in our house on a daily basis, we can collect them and add Jaggery and water in the ratio of 1:3:10 and store it in an air-tight container for 3 months. We can strain it after 3 months and the resultant solution can be used for multiple purposes.”

- KRITIKA JAIN, TORRENS UNIVERSITY, AUSTRALIA

“In Resilience 2020, what we are doing is install eco-technologies for free and then integrate them into the circular economy model; not just the eco-technologies, but also the actors... the people in the cities, households and also restaurants and people from the rural areas.”

- IVAN RANSOM RODRIGUEZ, RESILIENCE 2020, ACADEMIC BORUSSIA, MEXICO

“Imagine a world in which the LP and natural gas are replaced by biogas, produced in a sustainable system; in which implementing ecotechnics such as biodigester, water catchment system, solar heater, compost and greenhouse, families could have the opportunity to reduce their expenditures.”

- DAVID MARTINEZ, MEXICO

“Young people have the power to move institutions and universities.”

- FERNANDO CASTRO, MEXICO, ACTIVIST FROM MOCHIS, SINALOA

“Consultation with senior/ mentors is key for any youth leadership success.”

- MPHATHESITHE MKHIZE, SOUTH AFRICA

“Consultation with senior/ mentors is key for any youth leadership success.”

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EDUCATION AND ADVOCACY

SCIENCE AND INNOVATION

ECOSYSTEM AND BIODIVERSITY

OCEANS

COMMUNITY-ORIENTED

EDUCATION AND ADVOCACY

Plastics: Summit To Sea – Earth Warriors Environmental Club, Tahoe Expedition Academy, United States By Caroline Sandberg, Lauren Sandberg And Summer Benjamin

Through this initiative, the team seeks to share experiences from their school's Environmental Club, detailing the obstacles they encounter and the approaches they take to overcome them while undertaking any project. Furthermore, they intend to give leadership advice and discuss the fundamental steps to starting a project. This varies from how to get others involved to how to manage speaking and working in a professional setting. The goal is to inspire other students to become influential leaders and advocates and take climate action in their own communities.

Youth for Today Initiative, Nigeria – Samuel Chijioke Okorie

Safe School Project seeks to assist rural children who cannot afford online education and face accessibility issues during the COVID-19 pandemic. The initiative brings education close to them by educating them in their communities using a medium (place of gathering) close to them. It employs the standard educational curricula through the help of volunteers. This project commenced on August 10, 2020 and is currently ongoing in the city of Calabar, Nigeria with over 300 children as beneficiaries. As part of the efforts to revamp the spirit of sustainability in the minds of children, the project also adopts Teach SDGs strategy that will help the children adapt and familiarize themselves with the SDGs. Since the inception of this project, the children's performance has significantly improved as most of them who cannot read and write, can now do so. Adopting the same approach, this project has also been replicated in two other states in Nigeria: Ogun State and Ondo.

Working Group On Climate Change, Durban University Of Technology And University Of Kwazulu Natal, South Africa – Mphathesithe Mkhize

The working group on climate change is the project driven by young people with the Durban University of Technology in South Africa. The project aims to contribute to the minimization of climate issues affecting the earth through creating numerous environmental action activities. The group since the start of this year has worked so hard to ensure that climate action is undertaken.

SDGs in Action, Center for Environment Education Nepal (CEEN), Nepal – Monica Neupane

SDGs in Action! is a program initiated by an NGO Center for Environment Education Nepal (CEEN) in collaboration with Awareness360 and Eco-network. The main aim of the program is to teach school students to use theoretical and practical classes related to sustainable development goals and their targets. The program was mainly targeted at 5 schools located in Lalitpur. The virtual session of the program is open to everyone interested in learning about these global goals.

Eco-Warrior Kenya: Mashujaa Wadogo, Unmgcy - Sdg7 Youth Constituency, Kenya – Cherop Zaga Glatt

Ecowarrior Kenya is a blog based on the real-life experiences of a Kenyan girl on a journey to fully transitioning to a green lifestyle, in the hopes of inspiring young people (the majority of her readers) to also follow this path. Taking advantage of the advancements of technology, she highlights the importance of taking a stance towards climate action with a specific focus on sustainable energy through social media.

The initiative is currently working on a segment for children Mashujaa Wadogo (Swahili for Little Heroes). This is a curriculum that breaks down complex topics to elementary school children such as sustainable energy, extinction and pollution. The aim is to teach them early enough because the things we learn when young stay with us forever. These little heroes will hopefully choose better for our planet. Simultaneously, Eco-Warrior Kenya is on the drafting stage of a children's book series on the same.

The Planet In Your Hands, Pop Movement, Venezuela – Gabriela Madrid

The project focuses on environmental education in Venezuela, through the POP Movement with young leaders by establishing alliances and developing projects. The project consists of carrying out various activities where, through the use of social networks, each member of the project gives a positive message and exercises their leadership over all the points of development of the SDGs. This includes Forochats, IG Lives, workshops, zoom meetings, etc.

Environmental Education Workshop For The Recognition Of The Importance Of The Lake Cuitzeo Basin – Unam, México By Ivett Concepción López García

This educational workshop seeks to promote awareness on the importance of water by focussing on the Lake Cuitzeo basin through the game of "buckets and hoses" which is a type of snakes and ladders aimed at children. Through this workshop, students manage to retain and understand the consequences of poor water management in the basin. The game allows the participants to link with environmental problems, enabling a sense of awareness from a young age.

Durango State Environmental Organization – Tiqvah College, Mexico By Alejandra Karolina Lozano Andrade

This project works toward the development of an organic pesticide and promotes the use of organic products to reduce pollution in the state of Durango. It offers craft workshops and courses on pesticide poisoning and so on, and helps to raise awareness among youth and children by sharing knowledge on the importance of reducing environmental pollution. Furthermore, the aim of the project is to listen to diverse opinions and support the ideas of youth to protect the environment in Durango with small actions on the ground.

Bee Hotel l'inaj – Universidad Intercultural Maya De Quintana Roo, México By Ana Del Carmen Poot Cahum

The hotels for bees are a structure like a drawer or shelf that allows to hold natural elements inside such as sticks, canes or logs, so that the insects have a place to nest or hibernate. This initiative seeks to create awareness about bees and the different models of hotels for bees, which can be from recyclable material with bottles and cardboard or a little more sophisticated with a wooden structure. The aim is to develop hotels for solitary bees with the purpose of conserving and preserving the different species of bees in the community.

Solar Farm Research – Ittla, Mexico By Alejandra Yareth Fragoso Altamirano

This initiative seeks to publicize the potential of solar farms, recognize its efficacy and disseminate hard and substantial information about what solar farms are, their impact, their development and their way of implementation in different countries of the world. In agriculture, it seeks to encourage an alternative in relation to land, energy and electricity. A mailbox of initiatives will be developed with youth at a later stage to make a collaborative work group.

Tacaná Volcano Binational Geopark – Colegio De Ingenieros Geólogos De México By Jorge Beltrán

UNESCO Global Geoparks are single, unified geographical areas where sites and landscapes of international geological significance are managed with a holistic concept of protection, education and sustainable development. In this regard, the scope of the Tacaná Volcano Binational Geopark Project aligns with the objectives of sustainable development promoting sustainable development in the region around the Tacaná Volcano, affecting Mexico and Guatemala. It works toward a comprehensive risk reduction management program, actions against climate change, appropriation of the territory by young people, and inclusion of geo-education content in the region's school curriculum.

Cambio Colectivo – POP Movement, México by Ximena Bailón, Berenice Filisola and Ana Hanhausen

Cambio colectivo is an organization in Mexico City that seeks to promote environmental awareness through dialogue and collective actions. Their goal is to generate, in community, a change towards a more just and environmentally responsible society to achieve a sustainable future. Their activities range from implementing educational projects to environmental regeneration and promoting reconnection with nature and society. They work towards making information on sustainability issues accessible and creating spaces for exchange of ideas. Some of the activities they currently (as of Dec 2020) develop include webinars, podcasts, talks, dissemination of projects, reforestation drives, support for rural communities, and so on. Furthermore, this project raises awareness about the importance of youth action on environmental issues.

Workshop of indigenous communities, Universidad Autónoma Indígena de México, México by Melina Maldonado

Melina gives talks on environmental education to indigenous children in the care and conservation of the sea turtle. Her objective is to have an environmental education center to train people in her community on the care and preservation of the sea turtle and inform about the consequences of consuming turtle eggs. She believes in protecting and defending our natural environment to have a better quality of life in communities and explores strategies to be able to have a sustainable diet from our natural resources. In her talk, she also exchanges ideas on how we can defend our rights that have been violated by capitalism, devastating our natural environment.

Impact of energies and our lifestyle on pollinators and solutions with eco-technologies

By Kevin Morales Münstermann, Resilience 2020, México

Ana Poot, I'INAJ, México

Alejandra Fragoso, Instituto Tecnológico de Tlalnepantla, México

Ivan Ransom, Resilience 2020, México

Alma Delia Mendoza Contreras, Resilience 2020, México

Quetzalli Fernández González, Universidad Politécnica del Estado de Morelos (UPEMOR), México

The importance of recognizing the SDGs and holding roundtables and workshops to prepare future generations is fundamental. The project is aimed at making known the impact of main points such as: bees; responsible for pollination, their environment for development and energies. In a dialogue table dynamics we will present the negative impact and an alternative to offer energy and well-being in the environment. As well as applying the compost workshop.

Eco-Eaters, Eco Eaters, USA by Caroline Sandberg

This initiative is led by a team of teenage girls from the Tahoe Expedition Academy who are working with restaurants and hotels in Nevada to eliminate plastics. They provide guidelines to local business enterprises on ways to avoid single-use plastics and raise awareness on the need to protect the planet from plastic pollution.

Ban Styrofoam, single-use-plastics and Glyphosate all over the world, Madhvi4EcoEthics, Colorado, USA

By Madhvi Chittoor

This initiative seeks to meet and collaborate with the governments of the world to ban Styrofoam (Polystyrene), single-use plastic and Glyphosate in their respective countries, by either visiting them individually or through the UN or meeting at Davos. The goal of this initiative is to ban all styrofoam and eliminate the hazardous chemical Styrene to prevent air, water and soil pollution; ban the hazardous glyphosate from public areas and protect the public health, especially of children; stop the manufacturing and use of single-use plastics prevent them from hitting the landfill.

Impact of the Pandemic on the Environment – by Salma Macias

The presentation talked about the impact of COVID-19 on various walks of our lives, with focus on understanding why the situation is so alarming. The main objective of the project was to acknowledge the role of greenhouse emissions and the rise in the use of medical waste and single-use plastics. The pandemic has helped reduce the greenhouse emissions by a significant amount. But on the other hand it has led to a drastic increase in medical-waste and single use plastic generation.

Might Squad by Saruveish Mogan, Universiti Malaysia Sarawak, Malaysia

Kuching is a metropolitan city with a growing economy and population and increasing land waste. The situation calls for action to be taken in a very localized manner before the whole process of curbing becomes complicated. The goal of the project is to have a long term effect by garnering support from the younger generation. The objective of the project is to provide free psychological and emotional support to less fortunate students and to educate them on how they can implement the practice of recycle in their daily life. The goal is to create a younger generation that is instilled with concern for the environment. Additionally, it is to mould future leaders with great mind, education and environmental sensitivity.

The role of environmental education in the ecological footprint of university students by Daniela Gomez, Universidad de las Américas Puebla, Mexico

This study researched and measured the perception, impact and limitations of freshmen and senior undergraduate students, from a private university in Mexico, in order to evaluate the effectiveness of environmental education courses currently being offered at the university. The research emphasizes two main outcomes; for one, there are no significant differences between the ecological footprints of senior and freshmen students, suggesting that the current course of environmental education fails in creating lasting differences in the lifestyles of students. Furthermore, the average ecological footprint of private university students was 6.1 gha (global hectares), tripling that of Mexico's national average. Regarding what limits the students to change their behavior, it found that a "lack of information on how to change", their "ideologies", and a universal sense of "distrust" were amongst the most common. However, the greatest barrier was "comparison with others". This study opens an opportunity to improve the academic syllabus and to influence students with positive reinforcement when showing pro-environmental behavior, as well as with young environmental leaders.

Becoming an Eco-warrior – Ximena Gabilondo, Zero-Waste, Mexico

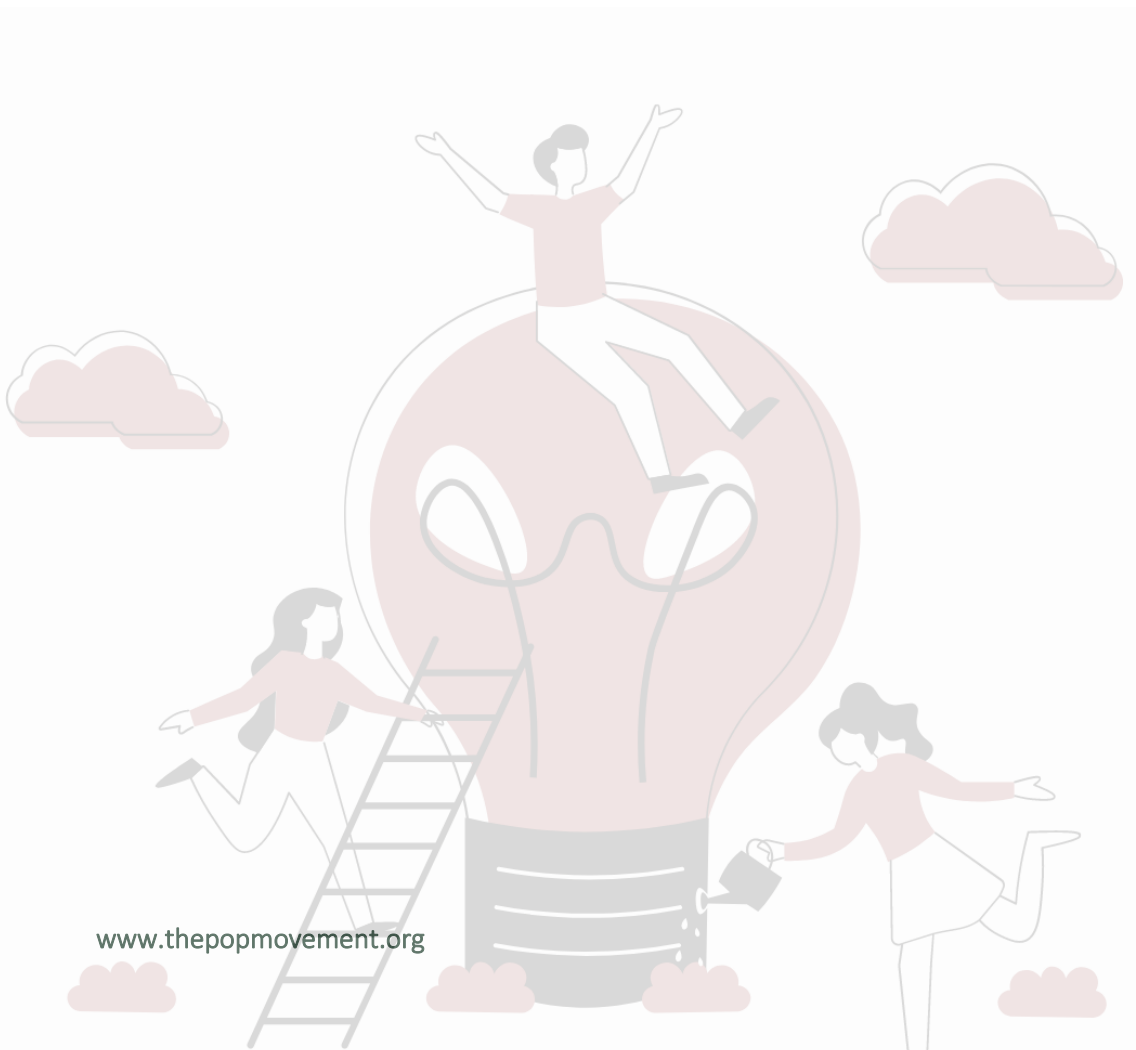
This interactive course seeks to engage the audience on environmental ethics and circular philosophy, with a focus on finding meaning and answers in one’s own individual life and actions and not just focusing on the big issues that sometimes feel so overwhelming or far out of reach. Circular philosophy is a new paradigm, a new way of thinking that combines zero waste, regenerative sustainability and environmental ethics and more. It seeks to bring consciousness regarding the environmental situation and create eco warriors who transform their care for the planet into everyday actions and into a way of living.

One Less Straw, One More Generation, USA by Carter Ries

The project works on two levels. Firstly, the group engages in ground level advocacy targeting restaurants that use single-use plastic, with the purpose of sensitizing them and promoting behavior change. There have been several success stories with local stores quitting the use of single-use plastics following the intervention by the group. The team has also developed a food-rating app, in order to let the consumers become aware of restaurants’ sustainability practices through a concept called green rating.

Ocean’s Voice, Ocean’s Voice, Mexico by Luciana Verástegui

Ocean's Voice is an International Action Network housed in the United Nations Constituent Youth Group (YOUNGO), decided to raise voices to make the problems of the ocean visible and contribute to their solutions by creating new models of thought, collaboration, communication and action from an international youth community.



SCIENCE AND INNOVATION

Verde International Environmental Foundation (FUNVIVE), Venezuela

The Climate Test Project, aims to challenge climate change from the daily culture of the human being of any socioeconomic stratum, which with the application of it, will find content that offer creative and effective solutions to the main environmental challenge that we face in this century, but which will also obtain a great contribution from climate data (Bigdata), trying to analyze the problem from a unique perspective, highlighting the need for change in our behavior that appeals to the responsibility we have with the planet on which we live, by being an active part of the change, as we have already been the main cause of the problem.

Use of Solid Waste in Chiapas, CIESEM Center for Research and Social, Economic and Market Studies of the private sector, Mexico by Laura Viridiana Caballero Hernández

Solid waste is a problem worldwide, generating great environmental pollution and damage to natural resources. So it seeks to implement recyclers and a second use in waste. They are waste from materials used in the manufacture, transformation or use of consumer goods. The generation of solid waste is a problem that requires multidisciplinary solutions. That is why a better use of this waste is required, to achieve adequate treatment and various uses.

Abiotic alkaline cell of *Mangifera indica* L. cv Haden residues with methyl viologen as electron mediator – Instituto Tecnológico de Tuxtla Gutiérrez / CIESEM Center for Research and Social, Economic and Market Studies of the Private Sector, Mexico by Jorge Benjamín Díaz López

There is a growing demand to develop electrical energy methods at low cost and in a sustainable way. A new clean energy source, abiotic alkaline cells is expected to be a next generation power device with many advantages such as low pollution and high efficiency. Abiotic alkaline cells are systems that allow the generation of electrical energy using organic compounds, strong bases, and mediators that aid in the transfer of electrons. The residual biomass from agricultural processes has not been explored so far as a substrate for this type of cells. Agricultural residues are substrates with the presence of polymeric carbohydrates that, under basic conditions, generate monomeric aldoses, susceptible to oxidation, generating electrons. The aldoses generated under basic conditions are oxidized to carboxylic acids, which when decarboxylated, transfer electrons to the medium. So it is of interest to know the effect of the concentration of potassium hydroxide, the residue of *Mangifera indica* cv Haden, and the mediator (methyl viologen), in the generation of electrical energy in an abiotic cell with agricultural residues as substrate. They will define the appropriate conditions to obtain the maximum current density, power density, output voltage, and continuous generation of renewable electrical energy with a sustainable approach.

Preparation of biofertilizer for organic cultivation of radishes (*Raphanus sativus*) at home – CIESEM Center for Research and Social, Economic and Market Studies of the private sector, Mexico by Lizbeth Méndez Morales

Biofertilizers seek to improve the nutrient density of food crops, taking advantage of organic residues. This project focuses on the cultivation of radishes through the production of biofertilizants mainly with bagasse, potato peel, banana peel, egg peel etc.

Evaluation of computing tools for the calculation of economic pre-feasibility of plants for solar heat from industrial processes – CIESEM Centro de Investigación y Estudios Sociales, Económicos y de Mercados del sector privado, México By Karen Edith Palacio Velasco

The study consists of the evaluation of 22 renewable energy analysis software currently on the market to measure the competitive viability of a new software. Through this study, the reader has information that allows to identify the benefits of solar energy for heat generation.

Aromas of sustainable development – CIESEM Centro de Investigación y Estudios Sociales, Económicos y de Mercados del sector privado, México by Jessica Miranda de Jesús

The project focuses on generating sustainable production systems of essential oils, which allows the economic regeneration of indigenous people. Through this, the frequent deforestation and plundering of plant and animal species can be mitigated. The objective of the project is to generate socioeconomic development protocols through the manufacture of essential oils and to take advantage of the technological development carried out through the design and construction of mobile and modular essential oil manufacturing machines.

The Color Book by Ana Hanhausen and Daniela Gomez, Mexico

The project focuses on highlighting the implications of climate change as an environmental, social and economic crisis and the urgent need for everyone to be involved in solving it. The Color Book is an app that aims to facilitate personal climate action through the measurement of the environmental footprint and the proposal of actions at a different level of impact. The innovation particularly emphasizes the role of personal action and aims to help participants visualize themselves as a part of the solution instead of the problem. The goal is to motivate the youth to take action through solutions at a personal, national and global level.

Artificial Intelligence by Om Desai, FXB-USA

The project which focuses on researching and generating ideas on how technologies like Artificial Intelligence (AI) and Machine Learning (ML) can help to create climate resilience, prevention of pandemics, lift people out of poverty and sustain their prosperity when confronted with global pandemics or climate change disruptions. The goal is to implement AI-based systems at a larger scale, for global impact, by collaborating with more people and organizations. The vision is to turn this project into a social movement where people can empower and educate themselves and others about the way technologies can help climate advocacy by creating a global platform where knowledge and help is always available from experts that welcome the exploration of any new idea. The project also has the potential to drastically reduce the divide that exists between nature-loving climate activists and technology-loving problem solvers, while they work together towards the same goal of saving humanity from the worst.

Modelling Low-Carbon Transition scenarios for developing countries: A Nigerian Case Study- by Michael O.Dioha, Nigeria

Nigeria's energy system is dominated by traditional biomass and fossil fuels. There is a huge need for conducting study on long-term low carbon development strategies. One approach includes the TIMES (integrated MARKAL – EFOM System) models which encompass all the steps from primary resources through the chain of processes that transform, transport, distribute and convert energy into the supply of energy services demanded by energy consumers.

Waste Recovery Project by Artisanal and Semi-industrial Processing by Bertin Kalimbiro, LIMA Resilience, The Democratic Republic of Congo

The project proposes the idea of developing corn cobs in the production of embers, with the objective of fighting against deforestation in search of wood and embers for cooking food. The suggested roadmap to achieve the same includes mobilizing communities of North Kivu in the fight against deforestation, training farmers in the transformation of corn cobs into embers from compaction and to develop braziers that consume less embers. The implementation work has already begun with a production site for economical braziers made available, two compaction machines are available for the manufacturing of embers based on corn cobs and four public nursery sites have been set up around the Virunga and Kahuzi Byega National Park in Kivu. Additionally awareness sessions on the use of renewable energies are being carried out along with large and small scale reforestation.

Bioenzyme Solitary solution by Kritika Jain, Torrens University, Australia

The primary objective of the project is to use Bio Enzyme solution as an eco-friendly disinfecting fumigation product at hospitals in order to reduce hospital acquired infections. The second objective is to manage wet waste (fruits, vegetables and plant based waste). Instead this waste will be used in making the solution. Additionally, in terms of the impact, the primary impact would be on creating a healthy and infection-free environment. Secondly, by developing this product creates an income-generating opportunity for the local farmers and juice makers that the team will be working with.

Resilience 2020 - Kevin Morales Münstermann and Ivan Ransom, Mexico

Resilience 2020 is a sustainable project that seeks to implement eco-technologies in homes for free to increase their autonomy, reduce water consumption and carbon footprint, generate income and incorporate them into a circular economy scheme, by linking them with agricultural producers and businesses. The team notes, *“We are truly convinced that the project has a promising future, for it is a simple and yet powerful idea taken into action. It will provide people with some of their basic needs (water, food, electricity, and gas) and generate savings and extra income. Moreover, its innovative core and replicability contribute to its exponential growth potential.”*

One Basic Human Need at a Time by Shaan Baig, Concordia University, Canada

[Shaan Baig](#) is the CEO and Founder of SB Innovations, a research and development company focused on creating novel solutions for the world's most pressing issues. What simply started out as science fair projects, led to Shaan selecting an urgent global issue each year to develop a low-cost, sustainable solution for. This includes his novel work on Alzheimer's disease early detection and treatment, his innovations of the anti-concussion helmet, cancer sensor strip, alternative prostate cancer treatment and more.

***Photovoltaic System and Interactive and technology-based climate solutions
by Iman El Maach, POP Germany***

Photovoltaic systems is a power supply designed to supply usable solar power by means of photovoltaics. It was taken up as a green electricity project by POP Germany in 2019, installed on the rooftops of the school, Julius-Stursberg-Gymnasium and has been successfully running since August 2020. The school roof has 952 solar modules with a peak output of 212 kilowatt-peak. The annual production is 230,000 kWh, which equates to the supply of approximately 66 homes. Data on the photovoltaic panels will be updated regularly by the [team](#) at <http://www.pop-movement.com>

OCEAN ACTION AND ADVOCACY

Aarav Bhansali, Ervis Foundation, India

The project presented is an educational material that raises awareness on the importance of plastic waste on a large scale and the effects of it on the global economy. The main objective of the project is to circulate the educational guide in schools to educate the youth about circular economy and sustainability, which is the need of the hour.

“Plastic Pollution and Biodiversity”

by Meenakshi Rakesh and Preyasi Desai, UAE and India

The project aimed at using creative mediums to spread consciousness about the issue of plastic pollution. Delving into an array of solutions, the project focuses on organizing informative campaigns through mediums such as social media and creating and circulating appealing posters. It also looks into policy making and organizing educational workshops through partnerships with NGOs and schools. On the innovation side, the youth leaders aim to propagate the innovation called ‘Eco-Bricks’ which would encourage people to reuse and recycle plastic easily within their homes.

Seas of Change, Seas of Change, Australia by Stephanie Evans, Thilara De Mel, Melissa Chen , Gloria Thomas

SoC aims to raise funds and awareness for marine life and their environments, focusing on dugongs, turtles, plastic pollution and climate change. The team has run fundraisers within Australia and speaks at events and schools regularly. The founder, Stephanie Evans, has also attended dugong health checks, turtle releases, attended and been a squad lead for OHBC (Ocean Heroes Boot Camp), been an Ocean Youth Ambassador, spoken at local council meetings, etc. This initiative looks to educate thousands of youth in Sydney so that they have a greater moral authority within their communities; fundraise for research to generate a greater understanding of environmental issues; mentor hundreds of youth-driven projects globally.

“Aquifer Storage and Recover” by Pavani Chadhalawada, Dubai, UAE

The project aims to spread information about ASR (Aquifer Storage and Recovery) and how it helps people save water during trying times such as water shortage and drought. ASR is the direct injection of surface water supplies such as portable water, reclaimed water or river water into an aquifer for later recovery and use. It also helps reduce water losses associated with leakage and evaporation. The long-term goal is to have more countries learn and execute this feasibly.

“Save Our World” by Stuti Mishra, University of Mumbai, India

The “Save Our World” is an innovation of an autonomous vehicle called “Mishra Sweep Tech,” which is designed to be driven by AI (Artificial Intelligence) to clean up the beaches and also the roads to tackle the global waste crisis. The presentation also included aspects such as – stakeholder’s engagement with the innovation, policies proposed to tackle the plastic crisis, ideas for generating employment from plastic products and also awareness campaigns related to plastic pollution.

“The Odomos for Plastic” by Ved Sanyal, Ervis Foundation, India

The proposed innovation aims to modify plastic such that animals know that it is harmful. All species have stimulus, and the idea is to ignite particular stimulus in different species. While creating an alternative and getting rid of plastic is important, the road to achieving it is far. Meanwhile we need to protect animals from plastic. The primary objective of the project is to create a detailed plan that is scientifically accurate and feasible, with an ultimate goal of saving numerous animals from starving due to plastic ingestion.

Ervis Ship and Ervis Foundation by Haaziq Kazi, India

Haaziq Kazi presented his innovation, Ervis the Ship, which has been designed to capture waste and clean the oceans. The ship is essentially a large boat with various compartments and saucers surrounding the ships. The working of waste collection is based on some basic physics concepts like - Centripetal Force, a multi stage cleaner which uses size-based separation to separate different size of waste, and a compactor to compact the trash. Haaziq is super passionate about ocean and the plastic pollution problem and he is highlighting the magnitude of the plastic waste problem, how it is affecting life in general including humans and his solution of ERVIS which he envisages will help clean the oceans of plastic pollution. Haaziq has also established a NGO, the Ervis Foundation, through which he aims to inspire the youth of today to be the proponents of change for a sustainable world.

Research Paper on the Effects of Biomedical and Hazardous Waste on our Environment – Prakrti Prakash, Dubai

The presentation showcased the highlights from the research conducted on the topic of biomedical and hazardous waste and its relevance in the times of Covid-19. The primary objective of the research is to create easy access to information on biomedical waste, making it specifically easier for youth advocates to access and paving way to innovate solutions for proper disposal of waste.

“Do You Know Your Plastic?” – Awareness Campaign – by Siddh Sanghavi, Dubai

The presentation aimed at creating awareness about eco-friendly plastic and its benefits. The primary objective is to increase use of High-Density Polyethylene (HDPE) since it is the most environmentally stable of all plastics, giving off no harmful fumes into the environment besides the many other advantages that it comes with. Though better than other plastics, HDPEs cannot be composted and have high thermal expansion. So, it is important that more awareness is raised regarding plastics and its many different types.

COMMUNITY-ORIENTED INITIATIVES

Smart Neighborhoods: Animal Inclusion – FERSAAMB, México by Saúl Ernesto Gerardo

This initiative seeks to emphasize the importance of the relationship that exists between intelligent communities and stray animals, specifically dogs and cats, that have increased in number during the COVID-19 pandemic. It attempts to reduce the number of stray dogs and cats, through promoting adoption and preventing abandonment and animal abuse.

La Casita Cultural: Articulación de Mujeres Indígenas del Paraguay (MIPY) – Paraguay by Bianca Isabela Orqueda Flores

This initiative encourages dialogue on the protection and defence of the natural environment for a better quality of life among indigenous communities and looks for strategies to ensure a sustainable diet from existing resources. It will also promote the exchange of ideas on how indigenous communities can defend their rights that have been violated by capitalism, devastating their natural environment.

Smart neighborhood in Los Mochis Sinaloa - Awareness campaign on climate change, FERSAAMB, México by Fernando Castro

The Smart Neighborhood Program is one of the civil protection plans of the state of Sinaloa and collaborates in part with the Municipal Development Plan. The program works in collaboration with the Universidad Autónoma de Occidente, with civil society associations and socially responsible companies. It is implemented through the transmission of knowledge about the global theoretical framework, including international treaties and conventions, as well as national legal instruments and techniques, official Mexican standards, local and municipal laws, as well as state pacts.

The team seeks to promote the achievement of the 17 Sustainable Development Goals (SDGs) proposed by the United Nations in the 2030 Agenda. The program specifically focuses on SDG 11 and SDG 13, which seeks to make cities and communities inclusive, safe, resilient and sustainable (SDG-11), and to take urgent action to tackle climate change and its impacts. (SDG 13). The team works with environmental engineers available in the community and uses their experience to promote sustainable development in Los Mochis, Sinaloa, Mexico

Collection of food and medical supplies for the Venezuelan communities, UNITEC, Venezuela

By Yvannis Daniela Serra Torres, Gianfranco Apablaza, Isabella Sofia Navas Cambero, Gabriel Alejandro Pérez Chirinos, María Alejandra Carrie Figueroa, María Andrea Osío Peña, Giancarlo Jesus Federico Álvarez, Ricardo José Carballo Zabala, Eleana Vazquez, Alejandra Moreno Sarmiento, Alejandro Andrés Martins Gamboa

This project is aimed at providing food and medicines to the most needy communities in Venezuela and spreading awareness about existing inequality, creating recycling facilities, and so on.

UNITEC, Venezuela by Paula Corrado Luis, Luis Alejandro González Bastidas, Iliá Elisa Palacios, Orianna D'Alessandro Narvaez, Alejandro Andrés Martins Gamboa, Manuel Alejandro Machado Matheus, Maikol Misael Martínez Parra, Ayudar, proteger, empoderar

Currently, gender violence and discrimination against minorities have been intensifying, these issues being highly discussed on social media. That is why our project will be focused on creating a support system for these people that includes a telephone number and a place to go in search of protection (with a dining room, facilities where to spend the night and direct contact with the police).

International Student Festival in Bursa, Turkey – by MD Tarequl Islam, Bangladesh

The presentation gave a detailed overview on the International Student Festival that was organized in Bursa, Turkey. The aim of the festival is to develop collaborations among student organizations in various countries while also strengthening unity and developing intercultural dialogue. The 2021 edition of the festival will follow the theme of 'Unity for Justice.' The 10-day festival aims to host 150 students next year.

Micro-Irrigation Project by Berlin Desir, Ajenonade, Haiti

The initiative is a micro-irrigation project developed for the benefit of 31 families in the town of Cadush for an area of 6 ha. The plan is to install a photovoltaic module in order to provide access to water to the farmers in the region and to strengthen the food security of these families who depend heavily on this essentially subsistence agriculture. It also focuses on creating additional income and new jobs in the community. The project aims at integrated rural development by making better use of solar technology in the productive sector of the country, which is primarily agriculture based, in order to accelerate development at the local level. The goal is to decrease

quarrying in the surrounding area which represents an environmental hazard, combat food insecurity and increase agricultural production by making water available in the plots.

Healthy Family Program by Victor Campos, Mexico

The focus of the programme is to strengthen vulnerable families to face the Covid-19 threat by promoting their food self-sufficiency and improving their health by turning towards agro-ecology. The plan is to choose families in a vulnerable situation, integrate them into the program, and help them produce enough plant foods to cover their basic vegetable food needs. A percentage of the produce will be shared with other people or families in a vulnerable situation. 'Healthy Family Modules' are designed for growing organic food, ensuring that the work is done safely, easily and efficiently, while preventing pests or protecting from adverse weather conditions. During the time the program lasts, technical advice and educational material on organic crops will also be provided. The program has already engaged with two families, helping over 8 persons that are learning about agriculture and food self-sufficiency. The pilot modules have helped to further review and develop the design of the module.

Promoting the 3Rs to attain a plastic free environment in conjunction with addressing environmental migration — Meda Hope Malinga, Destine Osteen, Elizabeth Nuwasiima, Toure Abbas, Joy Ria, Hitaji Africa, Uganda

The project promotes the 3Rs - Reduce, Recycle, and Reuse in the Kampala district of Uganda. It seeks to reduce the littering of plastic by educating the masses on waste management and ensure that wastes are responsibly handled. Furthermore, it aims to promote recycling by converting plastic waste into other valuable materials that can be sold to improve the livelihoods of youth. Through this process, the project also addresses the issue of environmental migration (which has heightened in the region as a result of climate change) by providing skills for alternative economic activities and empowerment of masses. The youth-led organization, Hitaji Africa also works to share knowledge on nutrition so as to enable young mothers and other youth to eat responsibly in order to eradicate malnutrition and infant mortality rate. Additionally, they impart youth with knowledge on sex education to eradicate the problem of early or forced marriages and teenage pregnancies.



WORKSHOPS

Watch the workshops here: <http://bit.ly/POPFestival2020Workshops>

<p>“I really liked the exercise of dividing the BIG project in small pilots in order to have small achievements that help you to achieve stages and have to “sell”.”</p> <p>- ELEONORA ISUNZA, MEXICO</p>	<p>“I think it makes it easier to take the first steps and it helps you come up with a more detailed action plan!”</p> <p>- ANA HANHAUSEN, MEXICO</p>	<p>“A leader has to invest her time in understanding how a popular solution to a problem, affects people around the world.”</p> <p>-SAURABH THAKUR, INDIA</p>	
<p>“if you do what you are good at, what you love, what you could be paid for, and what the world needed, you achieve the IKIGAI.”</p> <p>- DR. PURSH P BAJAJ, INDIA</p>	<p>“Thank you very much, my daughter and I followed the session and we loved it.”</p> <p>- ARACELI, MEXICO</p>	<p>“Align your thoughts with your actions.”</p> <p>- XIMENA GABILONDO, ZERO-WASTE MEXICO, MEXICO</p>	
<p>“Thank you POP Movement!! Today I feel new again!! much younger and with a lot of energy!! :) My body doesn't ache anymore.”</p> <p>- KEVIN MORALES MÜNSTERMANN, MEXICO</p>	<p>“Our homes are also part of the environment, we must be responsible for the incidence of our consumption in the activities necessary for the development of our society.”-</p> <p>- DR. CESAR PEÑA, VENEZUELA</p>	<p>“There is no way we can take off the climate concern, it is something that should live with us and has to stay with the generations to come. ”</p> <p>- DR. CESAR PEÑA, VENEZUELA</p>	
<p>“Our imagination is so powerful. It is very important to realize that we always have a choice. We have the right to choose - whether thinking of something negative or thinking of something positive. Today I would like you to use your imagination and will power to choose something very positive. So you can go anywhere you like, through your imagination.”</p> <p>- MS. MIDORI KAWANO, JAPAN</p>			

I. GET OFF THE BENCH WORKSHOP

Organized by: Kerry Vaughan



Kerry Vaughan, Get Off The Bench, Australia

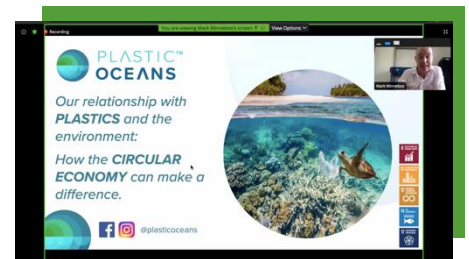
This workshop was designed to help participants take their ideas onto paper and into action. The objective of the workshop was to engage with the youth on the topics of planning, executing, and scaling climate actions projects.

The participants were guided through a process that helped them identify and understand their personal driving force, and also what might be stopping them from taking action. As an outcome of the workshop, the participants were able to identify what drives them, find an easy first step, prepare a manageable breakdown of their projects and, most importantly, become motivated and believe that they can!

II. OUR RELATIONSHIP WITH PLASTICS AND THE ENVIRONMENT: HOW THE CIRCULAR ECONOMY CAN MAKE A DIFFERENCE

Organized by: Mark Minneboo, Regional Director, Plastic Oceans, Latin America

This theoretical and interactive workshop explained the foundations of the circular economy and the role of plastics in it.



Mark Minneboo, Regional Director, Plastic Oceans, Latin America

III. ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

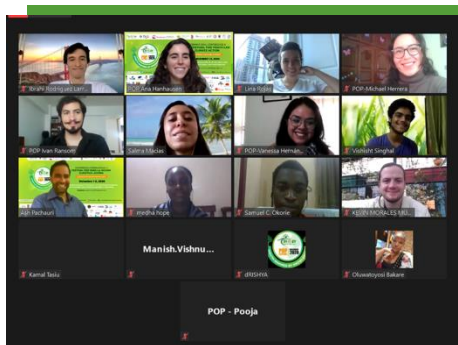


Om Desai, FXB Climate Advocates, New Jersey, USA

Organized by: Om Desai, FXB Climate Advocates, New Jersey, USA

For climate advocates with a passion for technology, this workshop explored the advancement of artificial intelligence and machine learning to promote climate resilience and advocacy.

IV. POP CONNECT - CREATIVE BLUE AND OCEAN NETWORKING



This session was an interactive workshop designed to support youth in finding and implementing creative solutions to ocean issues. The goal was to discuss the role of the COVID-19 pandemic on the environment, share each climate advocate’s projects and ideas on generating a positive impact on ocean conservation, and to brainstorm new ideas and solutions that could be integrated into various communities. The main takeaway from this session was the opportunity for attendees to meet other ocean advocates and connect with them, while exploring future collaboration.

V. BECOMING A LEADER: USING LEGAL AND INSTITUTIONAL FRAMEWORKS TO ACHIEVE YOUR GOAL

Organized by: National Maritime Foundation, India

The workshop focussed on effective leadership and using legal and institutional frameworks to achieve effective ocean action. It emphasized some of the key qualities that characterize an effective leader and highlighted the practices that make a social movement a success. Through examples and case studies, the workshop looked into how young and passionate leaders are using the power of national and global legal and institutional frameworks to further the causes they espouse. It offered the participants a functional understanding of the international laws relevant to the issue of marine pollution and how these might be used to one’s advantage to provide for a generic blueing of the global, regional, and national economy.



National Maritime Foundation, India

VI. HACK YOURSELF: INTRODUCTION TO THE MIND-BODY CONVERSATION



Dr. Patricia Klauer, Entrepreneur and Data Strategy Consultant, Future Capital, Mexico

Organized by: Dr. Patricia Klauer, Entrepreneur and Data Strategy Consultant, Information Technology Adviser, Entrepreneur, Future Capital, Mexico

The participants explored the importance of intention during this workshop and learnt about the practical tools for being aware and engaged in the mind-body conversation. This was done by reflecting on ‘living questions’ such as – Why are we here?, What we want?, If you get it, what will you have?, What is your intention?, Is your attention supporting your intention? and so on.

Through the course of the workshop the participants learnt some basic principles of neuroscience that explains how we can consciously engage in our own mind-body conversation. They also gained insights on several focus and mindfulness exercises to practice and explore what works best on a personal level in day-to-day situations. Additionally, they acquired knowledge about the ‘attention economy,’ to help them navigate with awareness as they go online.

VII. YOGA WOKRSHOP

Organized by: Ms. Midori Kawano

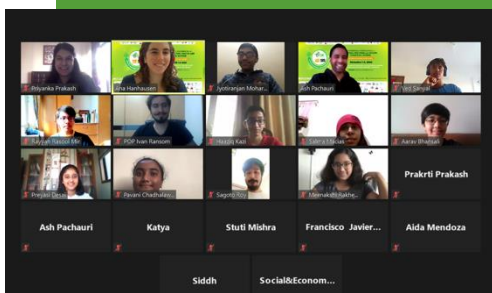
The workshop focused on achieving two outcomes. Firstly, to help participants know how to treat the body and mind, and be aware of the importance of self-compassion: self-awareness and self-acceptance. And secondly, with many people still at home due to the pandemic, our muscular strength has been compromised. Thus, the workshop focused on strengthening lower body muscles.



Ms. Midori Kawano, Honorary POP
Mindfulness Mentor

VIII. BLUE CIRCLE: EXPLORING EFFECTIVE SOLUTIONS TO TACKLE MARINE POLLUTION

Organized by: Ervis Foundation



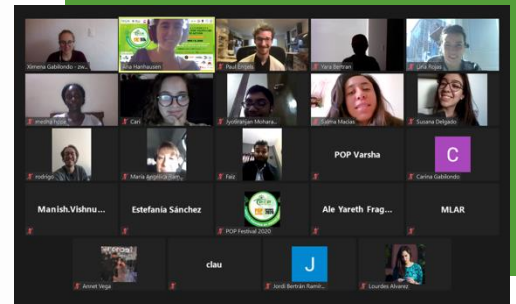
ERVIS FOUNDATION, India

Blue Circle forum aimed to bring young people and environmental experts together on the same 'virtual' table to discuss and brainstorm key actions, solutions and policies that can be implemented as a response to tackle the global plastic crisis. The Blue Circle youth-leaders along-with the participants explored different problem areas of the plastic crisis in groups. The discussion topics included – microplastics and its effect on marine biodiversity, effects of plastic on health and lifestyle, the role of effective policy-making and implementation, impact of land-based pollution on the oceans, and the role of science, technology and innovation in marine conservation.

IX. HOW TO BE AN ECO-WARRIOR AND SAVE THE EARTH

Organized by: Ximena Gabilondo, Founder and Director of Zero-Waste, Mexico

In this workshop, participants learnt about environmental ethics and circular philosophy with focus on finding meaning and answers in our individual lives and actions, and not just on the big issues that sometimes feel overwhelming. Circular philosophy is a new paradigm and a new way of thinking that combines zero waste, regenerative sustainability, and environmental ethics and more. The planned outcome of the session was to make the participants feel ready to transform their care for the planet into everyday actions and, ultimately, into a way of living.



Ximena Gabilondo, Founder and
Director of Zero-Waste, Mexico

X. PRUEBA CLIMA (THE CLIMATE TEST WORKSHOP)

Organized by: Dr. César Peña, Venezuela, Prueba Clima, Venezuela

The session was a presentation of the Climate Test initiative, an educational strategy that promotes climate protection and sustainable behavior in daily life. Dr. César Peña is currently working in design and implementation of learning systems for large groups of people; in application to companies and universities; design and implementation of learning systems on climate change aimed at the world population.

XI. CHINA'S HANDLE CLIMATE CHANGE FILM FESTIVAL (HCCFF) BOOST CLIMATE ACTION

Organized by:

- Ms. Jin Lan, Executive Director of International Mayors Communication Centre
- Chen Suping, Founder of Handle Climate Change Film Festival (China)
- Catherine Liu, Co-Founder of HCCFF (China)



Ms. Jin Lan, Executive Director of International Mayors Communication Centre

The workshop introduced China's first film festival focused on climate change, HCCFF. HCCFF is a fruitful activity with forums, award ceremonies, screenings, lectures and workshops. It shared with the youth around the globe information about HCCFF and its achievements in recent sessions, both in China and in the UN climate change conference.

XII. YOU ARE HERE FOR A REASON WITH LAWRENCE FORD



Lawrence Ford, Conscious Capital Wealth Management, United States

Organized by: Lawrence Ford, Conscious Capital Wealth Management, United States

The workshop focused on offering an experiential process to help lead into your purpose and reason for being here by offering pragmatic tools to manifest dreams. The aim was to leave the participants rejuvenated, inspired and supported to live at a higher level of consciousness and give back their gifts to the world in their fullest. The session was organized for leaders and mavericks who are dedicated to living to their highest potential and giving themselves fully to making the world a better place.

ART, MUSIC AND DANCE

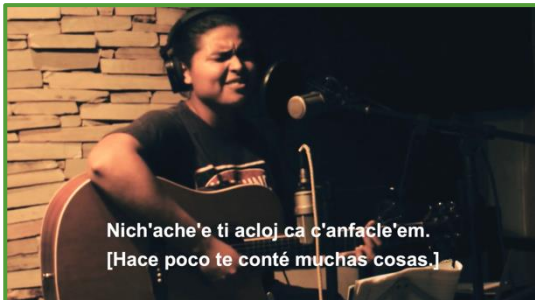
Having been envisioned as a vibrant and celebratory platform, an integral component of POP Festival 2020 was art and music, united with the cause of climate action and environmental conservation. Some notable performances were from the Ghetto kids, Youth Orchestra of Ecuador, and other independent artists who included indigenous and rural youth from countries in Asia, Africa, and Latin America.



<<< [STRING QUARTET NO. 6, OP. 18-6 BY LUDWIG VAN BEETHOVEN](#)
PERFORMED BY: ORQUESTA JOVEN DEL ECUADOR/YOUTH ORCHESTRA OF ECUADOR

<<< [STRING QUARTET OJE - DEATH OF THE ANGEL, BY ÁSTOR PIAZZOLLA](#)
PERFORMED BY: ORQUESTA JOVEN DEL ECUADOR/YOUTH ORCHESTRA OF ECUADOR

>>> [LOST AND FOUND AFRICA](#) **PERFORMED BY:** TRIPLETS GHETTO KIDS



<<< [TA LHÖV'IE](#) **PERFORMED BY:** BIANCA ORQUEDA, PEOPLE, ETNIA NIVACLÉ, COMUNIDAD DE UJ'ELHAVOS, DEPARTAMENTO FILADELFIA CHACO, PARAGUAY

<<< [BIANCA ORQUEDA - CANTAUTORA NIVACCHE \(CHACO, PARAGUAY\)](#)

>>> [IGUALES ALL NATIONS ORCHESTRA](#) **PERFORMED BY:** ORQUESTA JOVEN DEL ECUADOR/YOUTH ORCHESTRA OF ECUADOR

>>> [CUMPLEAÑOS ROSALÍA](#) **PERFORMED BY:** ORQUESTA JOVEN DEL ECUADOR/ YOUTH ORCHESTRA OF ECUADOR





<< [CORONA AID BY: THE PERFECT WORLD FOUNDATION](#)

<<< [POP JOINS IN MEDLEY FOR TPWF'S CORONA AID](#)

>>> PERFORMED BY: [MABEL FERNANDES](#)



Other performances include:

- [Farmhall and Epsilon](#) by Dr. Anandajit Goswami, Associate Professor, HOD, Manav Rachna International Institute of Research and Studies, Faridabad.
- [Special Rap](#) by Haaziq Kazi, Dr. Ash Pachauri and Priyanka Prakash on plastic pollution
- [A Rap Song](#) on air pollution by Adarsh (R.I.P) Arjariya
- [Ghono Shobuj](#) by Dr. Anandajit Goswami, Associate Professor, HOD, Manav Rachna International Institute of Research and Studies, Faridabad.

AWARDS AND CLOSING CEREMONY

The best projects, ideas, innovations, and contributions were recognized and awarded with the help of 12 high caliber scientific, policy, and program experts that served as evaluators of the projects and initiatives showcased during the festival.

ACADEMIC MERIT AWARD	Organización ambiental del Estado de Durango, Colegio Tikvah, México — <i>Alejandra Karolina Lozano Andrade, Mexico</i>
NATURE CONSERVATION AWARD	Save our world — <i>Stuti Mishra, India</i> Ocean's voice — <i>Luciana Verástegui, Mexico</i>
SUSTAINABLE INNOVATION AWARD	Photovoltaic Systems and Interactive and Technology-Based Climate Solutions — <i>Iman El Maach, POP-Movement, Germany</i>
DIGITAL MEDIA AWARD	The Color Book — <i>Ana Hanhausen and Daniela Gómez, Mexico</i>
SOCIAL AWARENESS AWARD	One Less Straw — <i>Carter Ries, USA</i>
BLUE CIRCLE AWARD	Plastic Pollution and Biodiversity — <i>Meenakshi Rakhesh and Preyasi Desai, Dubai</i>
BLUE CIRCLE AWARD	Ervis Ship — <i>Haaziq Kazi, India</i>
BEST SUBMITTED PROJECT	Geoparque Binacional Volcán Tacaná — <i>Jorge Beltrán Vilchis, Mexico</i>
BEST PROJECT IN ITS CATEGORY	Seas of Change — <i>Stephanie Evans and team, Australia</i>
BEST GROUP PROJECT	Recolección de alimentos e insumos médicos para las comunidades venezolanas — <i>Yvannis Daniela Serra Torres and team, Venezuela</i>
BEST INDIVIDUAL PROJECT	Hotel de Abejas l'inaj — <i>Ana del Carmen Poot Cahun, Mexico</i>
OUTSTANDING PROJECT IDEA	Resilience 2020 — <i>Kevin Morales Münstermann and Ivan Ransom, Mexico</i>
BEST INNOVATION PROJECT	Bioenzyme solitary solution — <i>Kritika Jain and team, Australia and India</i>

To watch the awards and closing ceremony, visit:

<http://bit.ly/POPFestival2020Closing>

LEARNINGS AND FUTURE DIRECTION

- Environmental education, beginning from school, is incumbent on spreading awareness and enabling higher youth engagement. Furthermore, young people who are acting on various fronts towards environmental protection require proactive support and collaboration from different stakeholders including government leaders, experts, businesses and civil society. Activities that foster youth mentorship, and intergenerational and cross-sectoral dialogue should be promoted which will capacitate youth to lead innovation, advocacy and grassroots initiatives and will also encourage their meaningful involvement in decision making processes. At a larger level, this will channelize their specific expertise and career paths in the direction of sustainable development.
- Equity and inclusivity are two ethical imperatives for a successful climate action movement. This calls for non-tokenistic involvement of indigenous and vulnerable communities in dialogue, innovation, and decision-making when conceiving and implementing a multitude of localized solutions. Additionally, increasing opportunities for cross-geographic and cross-cultural interactions would be essential to not only gain new learnings, but also to achieve mutual cooperation and a universal sense of solidarity.
- Innovation and technology is an important sphere of youth involvement that can enable decentralization of solutions. Efforts must be magnified to support youth-led projects in different ways. They may include building innovation labs, mobilizing resources and identifying platforms to support and scale-up youth-led projects, and more.

The COVID-19 pandemic highlighted important gaps within existing systems, offered new learnings and opened up new opportunities that can be leveraged. As we build up momentum in 2021, every action and every decision exercised now will be key as this Decade of Action is highly critical in addressing the climate crisis and its impacts. This reality amplifies the call for transformational and visionary leadership at all levels that is grounded on scientific knowledge and strong principles. The POP Movement strives to build this leadership among youth through the POP Festival and other activities to come.

PARTNERS

INTERNATIONAL CONFERENCE & POP FESTIVAL FOR YOUTH-LED CLIMATE ACTION DECEMBER 1-5, 2020

ORGANIZING PARTNERS



COLLABORATING PARTNERS



TESTIMONIALS

"2020 has been a particularly complicated year but for me the pop festival was like the light at the end of the tunnel I am very grateful to Pop Moment for having invited me to participate in this great event that brought together brilliant people around the world with huge hearts and that they are doing so much for our planet all the opportunity to learn about disruptive innovation about transformational leadership and how to connect with other people and find ways to benefit all and also all species."

- **IVÁN RANSOM, MEXICO**

"I am Ricardo Delgado, I am 17 years old and I live in Valencia, Venezuela, the most beautiful thing that I got from the POP Festival are the multicultural relationships with people from all over the world and it is something very beneficial, that is the key to our growth as a society to interact with other cultures and exchange our knowledge is something very valuable that I will keep it in my heart and I am very grateful for the opportunity, everyone must experience the POP Festival."

- **RICARDO ANDRÉS DELGADO LANDER, VENEZUELA**

"It really has been an amazing experience. Besides the festival, I had the opportunity to interview a lot of people from different backgrounds and countries and people with a lot of knowledge about environmental problems which has been such a valuable information lesson to me."

- **SALOMON ZAGA, MEXICO**

"If you have an environmentally-focused project I truly recommend you to check out The POP Festival and consider applying. Is an amazing way to showcase your work, raise awareness on the issue you are most concerned about, meet how other people around the world are tackling that and many other issues, and also great feedback from experts from across the world."

- **ANA HANHAUSEN, MEXICO**

"POP Festival was a lot of fun. I learned a lot and meet a lot of people. I got a lot of support and it has motivated me to take action, to work towards the solution, and implement it. It builds connections that help me develop the solutions."

- **VED SANYAL, ERVIS FOUNDATION**

"The POP festival contributed to the development of my speech skills and in the same way allowed me to be at a panel table for the first time, which was very pleasant and also a lot of learning. The values that I learned being in the POP festival was the responsibility of punctuality, discipline and especially friendship since it allowed me to create closer links with other young people from different states and also from other countries."

- **ANA DEL CARMEN POOT CAHUM, ETNIA MAYA YUCATECA, MÉXICO**

"POP Movement has helped me to develop professionally through its projects, its courses and its working groups in each of them I have found the responsibility, the commitment, humility, gratitude and love."

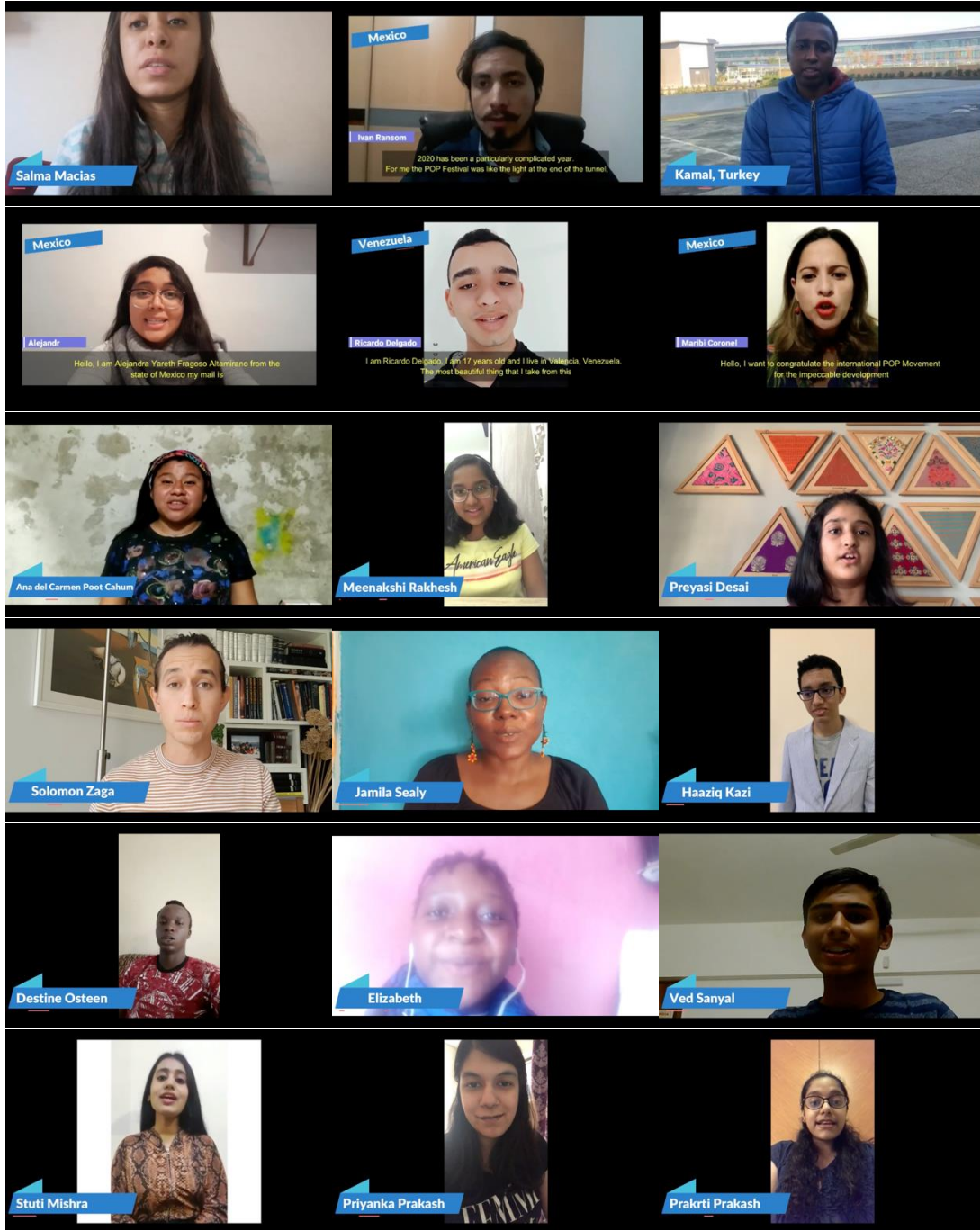
- **ALEJANDRA YARETH FRAGOSO ALTAMIRANO, ESTADO DE MÉXICO, MEXICO**

"The POP Festival has been the most enriching, most inspiring, and unforgettable experience of my life. As a passionate youth change-maker, I got this incredible opportunity to interact and meet up with youth leaders from across the globe who are doing phenomenal work and striving hard each day to change the faith of our planet."

- **PRIYANKA PRAKASH, ERVIS FOUNDATION, DUBAI**

"Youth activism and Climate Change and networking sessions were amazing. They inspired me to continue doing what I am doing. This festival made me realize that if we can work together we can create a vision for tomorrow. Through my conversations with Ash and other young leaders, they have demonstrated their desire to continue connecting with young leaders and support them in their projects. My recommendation for POP Movement's future endeavors is to keep in contact because by working together we can make wonders."

- **KAMAL TASIU ABDULLAHI, MARMARA UNIVERSITY, KANO, NIGERIA**



To watch video testimonials, visit:

<http://bit.ly/POPVideoTestimonials>