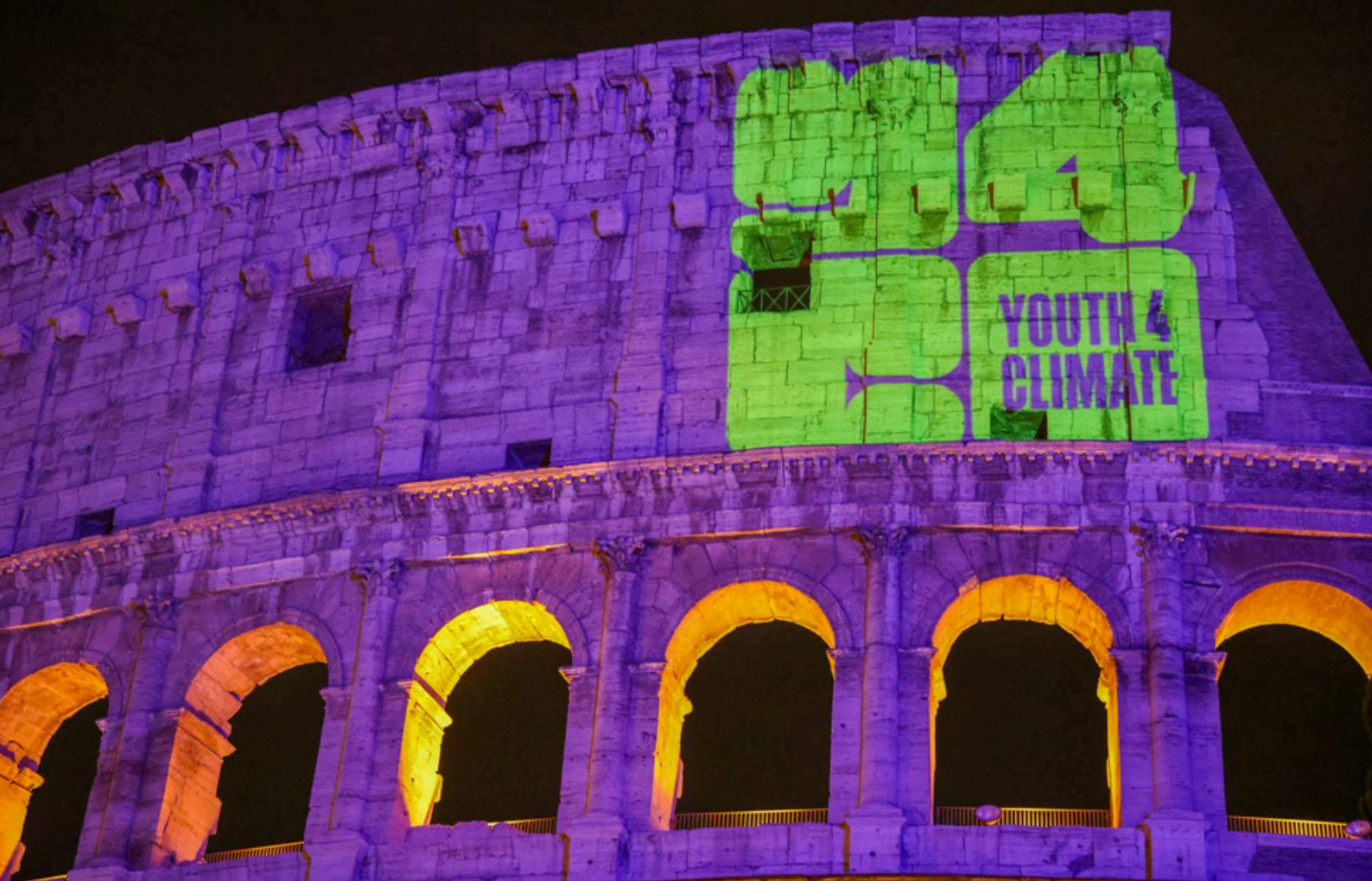


Learning Resources for Youth-Led Climate Projects



Courtesy of the Youth4Climate Call for Solutions 2025 and its partners



Youth4Climate - Call for Solutions 2025

In 2025, the third Youth4Climate Call for Solutions, launched by UNDP and the Government of Italy, aims to map youth-led solutions, gather evidence of young people's active leadership in climate action, and advocate for further support from governments, the private sector, and other key stakeholders. Additionally, the Call aims to fund new and existing youth-led solutions that are ready to implement or scale, and to support the further development of young people's ideas and projects by providing relevant learning opportunities with the support of partners.

The 2025 Call will fund youth-led solutions in Six thematic areas: Sustainable Energy, Food and Agriculture, Climate and Health, Digital for Planet, Climate, Peace and Security and Nature for Climate Action. Awarded solutions will receive up to USD 30,000 each in monetary awards for initiatives to be implemented over a maximum period of 24 months, as well as mentorship support to scale and sustain their work.

This year, over 2,600 young climate innovators submitted their Call for Solutions application via our application portal. We thank you for your interest in the Call. As a token of our appreciation, we have put together the following resources that can support you in further strengthening your solutions regardless of whether you are awarded funding in this round or not!



Websites



Courses



Publications



Available Resources by Call for Solutions 2025 Thematic Areas



CLIMATE AND HEALTH

[UNDP's Climate Promise, Health and Inclusivity Action Areas:](#)

Learn about the connection between climate change and public health, some specific and common ways that climate change impact our health and What can countries do to limit the health impacts of climate change and more.

[Global Climate and Health Alliance, Youth Climate and Health Network](#)

Launched in May 2023, the Youth Climate and Health Network (YCHN) supports young people who care about the health of people and planet to connect with each other.

The Youth Climate and Health Network might be for you if:

- You are between 18 and 35
- You care about people and the planet
- You are ready to drive meaningful change for global climate justice and health
- You want to share and grow your skills with along with other passionate young people, while elevating the global youth voice for a healthy future.

To join the YCHN and learn how to take part by visit their website.

[WHO's Climate and Health](#)

[Lancet Countdown](#)



CLIMATE, PEACE AND SECURITY

Beyond vulnerability: A guidance note on youth, climate, peace & security UNDP



Over 698 million young people, ages 15-35, live in fragile and conflict-affected settings. These settings are highly affected by climate change. Young people find themselves in unique positions – they are the most vulnerable to climate, conflict and insecurity, yet they also hold the key as critical actors who can drive change.

This policy paper explores early findings from how UNDP's Climate, Peace, and Security (CPS) policy and programming engages youth, fosters inclusion, and promotes youth empowerment.

The paper examines potential gaps, challenges, and opportunities, offering early recommendations for improving the integration of youth-sensitive, responsive, and inclusive approaches to CPS.

Gender, climate and security: Sustaining inclusive peace on the frontlines of climate change -UN Women



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SDG-Climate Facility Project: Climate Action for Human Security UNDP



This Interim Progress Report seeks to provide a concise overview of progress achieved in the design and implementation of the seven pilot resilience grants under the SDG-Climate Facility project, from inception of the regional project until 30 June 2022. The report is meant to provide an overview of achievements and obstacles encountered, and hint at some initial lessons learned, while it does not comprise an analytical framework for assessing lessons and longer-term impact of the grants.



DIGITAL FOR PLANET

UNDP - Digital Strategy 2022-2025



Digital technology is a fundamental force for change. The profound consequences and exponential pace of digital transformation demand both local action and global leadership to reimagine development in a digital age. Building on the progress from UNDP's First Digital Strategy, the Digital Strategy 2022-2025 is intended to maintain and accelerate the momentum that has already been generated across UNDP and among its partners.

Digital - UNDP:

The Chief Digital Office (CDO) was created in 2019 to enable, accelerate and promote digital transformation within UNDP and throughout its programmatic work. As part of the UNDP Executive Office, our areas of support cover five key pillars: advisory support, expertise, partnership, knowledge sharing and scaling support. Visit their site for more information and learn about any ongoing or upcoming opportunities.

Digital for Nature - UNDP

Digital technologies and data utilization have significant potential to accelerate green transition. The true power of digital lies in its capacity to transform our mindset, actions, and value creation, rather than merely improving optimization and efficiency, which often means excelling in the wrong areas. At UNDP, we strive to channel digital technology to reshape our understanding of the nature-human interaction, unlock access and benefit sharing to environmental finance for those in greatest need, empower local entrepreneurs through innovative business models, and foster collaborations among citizens, scientists, businesses, and policy makers through democratized open data.

Putting nature at the heart of development, UNDP is working with governments and people around the world to secure a better, more sustainable, more equitable future through an inclusive green transition.

AI Hub for Sustainable Development: Strengthening Local AI Ecosystems through Collective Action



The G7 Leaders' Summit in June 2024 welcomed the Italian Presidency's decision to establish the AI Hub for Sustainable Development, in collaboration with UNDP. As affirmed in the G7 Leaders' Declaration, the AI Hub aims to enable multi-stakeholder partnerships to support local AI digital ecosystems, strengthen capacities to advance AI for sustainable development, and complement existing initiatives including the AI for Development Donors Partnership. This is the first public report on the co-design of the AI Hub. It lays out initial suggestions and consolidated feedback from local AI ecosystems to understand opportunities and enhance ongoing AI development initiatives underway.



FOOD AND AGRICULTURE

UNDP Food and Agricultural Commodity Systems (FACS) Strategy



Food and Agricultural Commodity Systems (FACS) are fundamental to the sustainable development of the 170 countries UNDP supports. This document, developed in 2020, aims to articulate and unify UNDP's vision, offering a response to the current global challenges, as well as guiding the future programming, partnerships and investments of UNDP in this area of work. The essence of UNDP's FACS approach lies in systems thinking, resonating across 100+ countries and nearly 500 landscapes.

UNDP White Paper. Supporting Food Systems Transformation Towards Sustainability and Resilience



Food systems are interconnected across various sectors and are linked to all the Sustainable Development Goals (SDGs). Consequently, they are crucial for achieving these goals, requiring multidimensional solutions to address them effectively. The objective of this White Paper is to identify pivotal themes and present transformative multidimensional solutions and areas of intervention for current and future UNDP engagement. It was produced by a cross disciplinary UNDP team and underwent consultation with a broad variety of internal and external stakeholders. Available in English and Spanish.



SUSTAINABLE ENERGY

Renewable energy – powering a safer future – UN



Energy is at the heart of the climate challenge – and key to the solution.

A large chunk of the greenhouse gases that blanket the Earth and trap the sun's heat are generated through energy production, by burning fossil fuels to generate electricity and heat.

Fossil fuels, such as coal, oil and gas, are by far the largest contributor to global climate change, accounting for over 75 percent of global greenhouse gas emissions and nearly 90 percent of all carbon dioxide emissions. The science is clear: to avoid the worst impacts of climate change, emissions need to be reduced by almost half by 2030 and reach net-zero by 2050.

Visit [this website](#) to read on five reasons why accelerating the transition to clean energy is the pathway to a healthy, liveable planet today and for generations to come.

Renewable energy, facts and information (Article by Christina Nunez from National Geographic)



Clean energy has far more to recommend it than just being "green."

The growing sector creates jobs, makes electric grids more resilient, expands energy access in developing countries, and helps lower energy bills. All of those factors have contributed to a renewable energy renaissance in recent years, with wind and solar setting new records for electricity generation. This article dives deep into different types of renewable energies.

Sustainable Energy Bulletin - UNDP



Explore the latest energy news and insights by joining their mailing lists.

Energy is at the heart of the climate challenge





NATURE FOR CLIMATE ACTION

[Nature for Development UNDP](#)



Addressing the nature crisis is essential to eradicating and preventing poverty, reducing inequalities, and protecting human rights. Moreover, nature is a positive source of solutions and hope: a nature-positive transition is central to tackling planetary crises such as climate change. This publication offers entry points to operationalize the opportunity to advance the SDGs through nature. It will help decision-makers and practitioners recognize programming options and make the case for investing in nature to achieve development outcomes.

[Online Reporting Tool](#)



Online reporting tool for National Biodiversity Strategies and Action Plans (NBSAP) and national report.

[NBSAP tracker: Check your country's nature progress | WWF](#)



Use WWF's NBSAP Tracker to check different countries' progress in their planning on protecting nature and reversing biodiversity loss.

[2030 Targets \(with Guidance Notes\) – Conservation on Biological Diversity \(CBD\)](#)



The Kunming-Montreal Global Biodiversity Framework has 23 action-oriented global targets for urgent action over the decade to 2030. The actions set out in each target need to be initiated immediately and completed by 2030. Together, the results will enable achievement towards the outcome-oriented goals for 2050. This material provides an overview of each target by briefly introducing key terms, highlighting some of the implications for national target setting, and providing key points and guiding questions for consideration as part of national target-setting exercises. It also identifies the adopted indicators to monitor progress and resources that could assist with national target setting and implementation.

Important Reading Materials and Courses by Agency

The Climate Dictionary



The Climate Dictionary is an initiative aimed at providing an everyday guide to understanding climate change. It seeks to bridge the gap between complex scientific jargon and the general public, making climate concepts accessible and relatable to individuals from various backgrounds and levels of expertise.

The Peoples' Climate Vote



The Peoples' Climate Vote is the world's largest standalone public opinion survey on climate change. It serves as a platform for people to express their concerns and needs on climate change to world leaders. The Peoples' Climate Vote 2024 results are now available. [Find out what the people around the world and from your country think about climate change.](#)

Aiming Higher: Elevating Meaningful Youth Engagement for Climate Action



This guidance explores what meaningful youth engagement in climate action looks like, both conceptually and practically. It does this by identifying dimensions and pathways that support meaningful youth participation and by providing actionable recommendations for climate action in general and NDC implementation specifically. The guidance builds upon UNDP's knowledge and experience working with young people and was developed after extensive consultations with global youth climate actors.



**UNITED NATIONS
DEVELOPMENT
PROGRAMME (UNDP)**

On Equal Terms: A Checklist for Decision Makers and Practitioners on a Youth-Inclusive NDC Process



On Equal Terms is a new checklist developed by UNDP, providing officials, policymakers, and other climate practitioners with a comprehensive guide for establishing a youth-inclusive process for Nationally Determined Contributions (NDCs). This checklist is the result of UNDP's extensive engagement with climate stakeholders, youth organizations, movements, and networks across various countries. Informed by a survey involving 335 youth from 78 countries, aged 15 to 35, the checklist incorporates their perspectives and experiences in participating in NDC formulation, implementation, and monitoring. Adaptable to local contexts, it serves as a guidance tool across six critical stages of the NDC process, from the initial political decision to meaningfully engage youth to NDC implementation.

The FIRE Database



The Finance Resources for Biodiversity (FIRE) database helps to close the financing gap for biodiversity conservation by listing over 300 funding opportunities around the world. The resources are both public and private. They include options with a conservation objective, and those with other objectives which also can be used to finance biodiversity. FIRE functions as a one-stop-shop, where a project owner can find in one place a multitude of different opportunities matching specific criteria (country, range of funding, type of entity, etc.).

The BIOFIN Catalogue of Finance Solutions

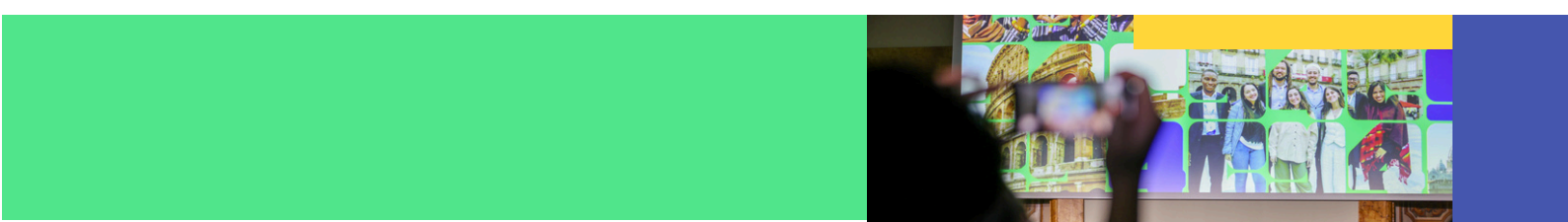


This solutions catalogue, created by UNDP's Biodiversity Finance Initiative (BIOFIN), is a comprehensive list of financing instruments, tools and strategies that are applicable to the field of biodiversity finance. Each catalogue entry is a mechanism or "finance solution" and includes a brief description as well as links to guidance material or case studies.

Curriculum on Climate Change & Environmental Awareness



The UNDP Regional Bureau for the Arab States has created a Training of Trainers Curriculum for youth-serving organizations to offer a holistic approach to support leadership and innovative skills while working on advancing the Sustainable Development Goals (SDGs).



The Young Climate Activists Toolkit in the Middle East and North Africa Region / Arab States Region



The UNICEF Regional Office for the Middle East and North Africa and the UNDP Regional Hub for Arab States have developed the Young Climate Activists Toolkit, which aims to equip young people with the knowledge, tools, and resources to enable their participation in regional and global youth climate action, and advocate for change. The toolkit was developed in consultation with young climate activists from around the region to ensure an inclusive and a well-informed framework.

The Young Climate Activists Toolkit is tailored to offer clear, concise, and easily understandable information on climate action, and prepare young people for full and informed participation in climate action and debate. It has been contextualized and adapted to help young activists address the challenges they face in the region.

Movers4Climate

#Movers4Climate, developed by the [Youth Empowerment in Climate Action Platform \(YECAP\)](#) in Asia and the Pacific, is a pathway of the Movers Programme, a regional movement of volunteers who develop climate awareness, entrepreneurial mindsets and 21st-century skills by conducting localized training at a grassroots level. The Movers Programme uses a training-of-trainer approach and works with community partners to target harder-to-reach groups and support YECAP's objective to leave no youth behind. There is also an [open-source curriculum](#) available for you to use.

Skill Our Future

A platform that offers free online courses on digital and AI skills, soft skills and employability.

Compendium of Best72% Practices on Youth and Climate Governance in Asia and the Pacific

The YECAP Compendium highlights 15 best practices of meaningful youth engagement in climate governance at international, national, sub-national and local levels. It aims to celebrate successful government-youth partnerships, foster South-South knowledge exchange, and inspire enhanced action from governments to include youth in decision-making processes and policies in the Asia-Pacific region.

Youth for Climate Action



Youth for Climate Action is an 8-module course currently available in Spanish that presents a comprehensive introduction to climate change challenges and incorporates tools to support youth in influencing outcomes at local, national and international levels.



Red Cross Red Crescent Climate Centre

'Y-Adapt'



A curriculum for young people consisting of games and playful activities, developed by the Red Cross Red Crescent Climate Centre and its partners. The eight one-hour sessions build on each other to explore key concepts of climate change, climate risks, capacities and vulnerabilities relevant to participants' communities, developing awareness of integrated risk management approach. It empowers youth to take concrete Climate Action in their communities.

The curriculum targets youth of 13-25 years old to learn more about climate change adaptation in their community through an integrated risk approach. It uses experiential learning, dialogue and innovative tools throughout the 3 phases of Y-Adapt - learning, acting and sharing - making it a fun and empowering experience for youth. It also fosters an intergenerational approach and empowers youth to become key agents of change in their communities.

All Y-Adapt curricula, material and facilitation videos are available online free of charge in several languages, including English, French, Arabic and Spanish. For more information about Y-Adapt please see our [website](#) or contact y-adapt@climatecentre.org.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

UNESCO's Youth Climate Action Network (YoU-CAN)

Youth is a priority group for UNESCO. Recognizing their creativity, innovation and capacity to make change happen in the world, they firmly believe that young people are crucial actors, leaders, and partners. UNESCO is committed to accompany them in fighting inequality, contributing to sustainable development and building peace. For over 20 years, UNESCO have been working with thousands of young people worldwide by establishing and supporting youth-led initiatives and networks, strengthening youth capacities, fostering their knowledge production, and creating dialogue spaces between youth, policymakers and other partners. Visit their site for more information.

FOOD AND AGRICULTURE ORGANIZATION (FAO)

FAO Bioeconomy 101

A crash course in the biological resources around us. Try their pop quiz along the way and become a bioeconomy expert.

FAO Dashboard on bioeconomy strategies and related actions for sustainable development

A public resource to advance a sustainable bioeconomy by providing comprehensive information for decision makers.

All FAO publications and resources related to bioeconomy (including material in English and French)

The Status of Youth in Agrifood Systems

FAO's "The Status of Youth in Agrifood Systems" report is a call to action. It presents the most comprehensive, evidence-based analysis of youth in agrifood systems to date, highlighting both the opportunities and structural barriers that shape their engagement.

The report explores how transforming agrifood systems can enhance decent job opportunities and food security for youth, and how empowered youth can drive this transformation. It concludes highlighting policy recommendations and areas of investments to foster more equitable and sustainable agrifood systems, where rural youth are both beneficiaries and leaders of change.

UNITAR (UNITED NATIONS INSTITUTE FOR TRAINING AND RESEARCH)

Youth and Peacebuilding:



The course enables learners from around the globe to better understand the current situation of youth in complex contexts, their needs, challenges, and potential; as well as to explore possible entry points for young people's involvement in peacebuilding activities and strategies.

Master in Lifelong Learning in Conflict, Peace and Security:



The Master in Lifelong Learning in Conflict, Peace, and Security provides a unique opportunity to explore the complexities of conflicts and develop innovative strategies for their management, resolution, and transformation. Guided by world-leading academics and practitioners, the programme combines cutting-edge research with real-world expertise to equip participants with the skills needed to navigate today's global challenges.



Master in Electoral Policy and Administration



The Master in Electoral Policy and Administration (MEPA) is an advanced online program designed to equip current and aspiring election professionals with comprehensive knowledge and skills in electoral processes and administration.

Master in Humanitarian Action and Peacebuilding



The programme in Humanitarian Action and Peacebuilding, developed jointly by Oxford Brookes University and UNITAR, addresses the interconnected challenges of conflict resolution, peacebuilding, and humanitarian response. It emphasizes cultural sensitivity and fosters collaboration and innovation in these critical fields. With a focus on practical skills and theoretical knowledge, the program equips students to contribute effectively to global efforts for sustainable peace and conflict resolution, with a special emphasis on the triple nexus of humanitarian action, peacebuilding, and development.

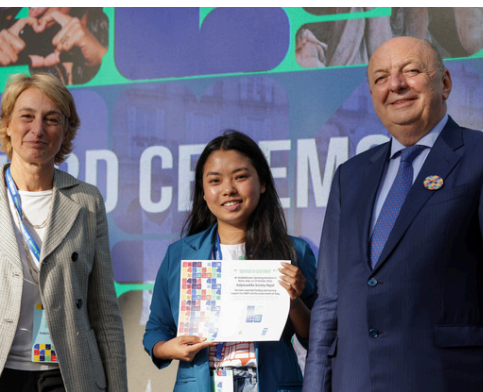
Resources suggested by Call for Solutions 2025 Reviewers

“Accountability in Action” Toolkit by Restless Development: suggested by Brahim Khilil

A practical guide for young people tracking the sustainable development goals accountability in action

“In module 4 It offers simple, concrete tools for designing and implementing MEL systems including real examples of feedback loops, outcome tracking, and community participation. It’s especially helpful for new applicants who may find MEL frameworks abstract or intimidating.” - Brahim Khilil





Emerging Climate Champions Award - Lever for Change (opportunity) shared by Natalia Linou

On June 26, 2025, Enlight Foundation, The Patchwork Collective, and Lever for Change announced the launch of the Emerging Climate Champions Award, a \$25 million global open call that will provide flexible multiyear gifts of \$1 million each to youth-led organizations advancing climate solutions across the globe. learn more by visiting their site.

Interested organizations must register to apply before 5:00 p.m. U.S. Eastern Time on Friday, August 29, 2025 (deadline extended from August 15, 2025). Complete applications are due before 5:00 p.m. U.S. Eastern Time on Monday, September 22, 2025.

SEforALL's Careers in Sustainable Energy: International Development guidebook: suggested by Ava Stasser

This handbook has been developed to help those interested in pursuing a career in sustainable energy discover the roles on offer at SEforALL and the steps they need to take to begin their sustainable energy career journey. It is designed to assist diverse groups of young people at different levels of the educational system, and at varying stages of their career journeys – from students in secondary and tertiary levels of education, to young professionals in entry and mid-career stages of employment.

Africa Climate Careers Network's Climate Job Board: suggested by Ava Stasser

Africa's largest climate jobs board hosted by Shortlist Futures: Discover emerging career opportunities in the climate and clean energy sectors.

MORE PUBLICATIONS

- MacMahon, Cormac H.; Lemarchand, Philippe; Morales, Lucia; and Coetzer, Jon-Hans. (2023). "Special Issue - Editorial." Irish Journal of Academic Practice, 11(2), Article 1. <https://doi.org/10.21427/q6jb-6488>. Available at: <https://arrow.tudublin.ie/ijap/vol11/iss2/1>
- Rodrigues da Rocha, O.; Kamphambale, D.; Coetzer, J.H.; MacMahon, C.H. (2023). "Education for Sustainability–Are we Forgetting the Economic Dimension?" Irish Journal of Academic Practice, 11(2), 3.
- Kamphambale, D.; Morales, L.; MacMahon, C.H.; Coetzer, J.H. (2023). "A Critical Reflection on the Importance of Education for Sustainable Development." Irish Journal of Academic Practice, 11(2), 2. Available at: <https://arrow.tudublin.ie/ijap/vol11/iss2/2/>
- Flynn, P.; Coetzer, J.H.; Morales, L. (2023). "Circular Pedagogy to Support Technological Universities Cultural Transformation." Irish Journal of Academic Practice, 11(2), 4. Available at: <https://arrow.tudublin.ie/ijap/vol11/iss2/4/>

MORE FREE COURSES AND TOOLKITS

- **[The One UN Climate Change Learning Partnership \(UN CC:Learn\)](#)** : Courses on climate change, green economy & more (many free & tailored towards women leaders), offered by UN CC:Learn: a joint initiative of more than 30 multilateral organizations helping countries to achieve climate change action.
- **[UNWOMEN Guidance Note on Gender Analysis in Energy Infrastructure](#)**
- **[Asian Development Bank \(ADB\) Gender Tool Kit: Energy](#)**
- **[Free courses on Environmental Sustainability and Climate Action](#)**
- **[Free courses on Gender Equality from the United Nations](#)**
- **[Free courses on Urban Planning and Sustainable Cities](#)** (offered by The UrbanShift City Academy and developed by experts at the UN Environment Programme, World Resources Institute, C40 Cities, ICLEI – Local Governments for Sustainability, and other global partners).
- **[Free courses offered by various United Nations entities](#)**

STAY IN TOUCH WITH YOUTH4CLIMATE



[@youth4climate_](https://www.instagram.com/youth4climate_)



[UNDP Rome Centre | LinkedIn](#)



The Youth4Climate initiative, co-led by the Government of Italy and UNDP, supports the implementation of youth-led and youth-inclusive solutions to environmental and climate challenges.