



a UNEP convened initiative



Climate Action Through National Policy Implementation and Youth Engagement

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About CCAC

- A UNEP-convened Climate and Clean Air Coalition (CCAC) is a partnership of **203** governments, international organizations, and NGOs.
- The CCAC unites science, policy, and innovation with action on **super pollutants**.
- The CCAC offers a comprehensive support system that includes **technical assistance, capacity building, and funding for actionable projects**.



Super Pollutants

Key Contributors to Global Warming

Super pollutants (or SLCPs) - black carbon, methane, tropospheric ozone, and hydrofluorocarbons (HFCs)—are responsible for up to **45% of current global warming**, second only to carbon dioxide. Reducing these pollutants is critical for **both climate action and air quality improvement**.

Major SLCP Sources & Impacts

- ◆ **Methane** – The second-largest contributor to global warming and a major component of ground-level ozone pollution. Main sources: agriculture; fossil fuels; waste sectors.
- ◆ **Hydrofluorocarbons (HFCs)** – Synthetic gases primarily used in cooling and refrigeration. While they do not cause ozone depletion, they are potent greenhouse gases that accelerate climate change.
- ◆ **Black Carbon (Soot)** – A component of PM2.5 pollution, formed by the incomplete combustion of wood, waste, and fossil fuels. Main sources: Household energy, transport, industry, agricultural burning, waste burning, and fossil fuel use.
- ◆ **Tropospheric Ozone** – A secondary pollutant formed from methane, volatile organic compounds (VOCs), and nitrogen oxides (NOX) reacting with sunlight.

Reducing SLCPs brings **rapid climate benefits** while improving **air quality and public health**. Tackling these emissions is a **win-win for climate action and cleaner air worldwide**.



CCAC Support - Overview

Support	Description
Planning & capacity	Develop integrated non-CO ₂ strategies, update NDCs, build capacity for SLCP inventory development, conduct mitigation assessments, and implement MRV systems.
Sectoral mitigation	Conduct policy-relevant research, develop and implement strategies, demonstrate technologies/practices, sector-specific MRV, and create financing strategies. Establish communities of practice for sectoral and planning initiatives.
National Experts	Strengthen institutional capacities through expert consultancy services.
Targeted Expert Assistance	Provide timely, targeted support for NDC updates and other urgent needs.



Climate Action Through National Policy Implementation

The **Climate and Clean Air Coalition (CCAC)** helps countries develop national plans that embed **climate and clean air priorities** through targeted **super pollutants reduction strategies**.

CCAC supports countries through four strategic approaches:

- 1 Creating a Foundation for SLCP Mitigation:** - Raising public awareness on air pollution and climate issues. - Promoting super pollutants mitigation within government policies. - Integrating super pollutants actions into existing regulations.
- 2 Building Capacity for Long-Term SLCP Action:** - Providing workshops and training for policymakers - Enabling governments to identify barriers and solutions for SLCP mitigation.
- 3 Developing National Action Plans for SLCPs:** - Guiding long-term policy and regulatory frameworks. - Encouraging collaboration across ministries to align climate and air quality goals. - Providing a structured yet adaptable approach for continued improvement
- 4 Embedding SLCP Measures in Existing Climate Plans:** Conducting SLCP mitigation assessments to evaluate emission reduction potentials. - Securing high-level political support to integrate SLCPs into national policies. - Strengthening sectoral strategies by recognizing SLCP actions.

Effective implementation is supported by coordinated efforts to ensure **technical, financial, and institutional support** for sustainable mitigation activities, including **developing monitoring and evaluation systems** to track progress and effectiveness, **mobilizing financial mechanisms** that sustain long-term action, and **organizing training programs** to equip key stakeholders with the knowledge and skills needed for successful implementation.

CCAC Portfolio in Central Asia

Project title	Modality
Kazakhstan - Develop a national SLCP plan to mainstream SLCP mitigation into existing policy and methane roadmap (2024)	Project
Kazakhstan - Enhancing capacity in SLCP Mitigation in Kazakhstan's coal mining sector (2024)	Project
Kazakhstan - National Consultant (2024)	National Consultant
Kazakhstan - Strengthening SLCP Mitigation Capacity in Kazakhstan (2024)	TEA
Kyrgyz Republic - Advancing Energy Efficiency and Climate-Friendly Cooling in Kyrgyzstan (2025)	TEA
Turkmenistan – Support on inclusion SLCPs into NDC 3.0 (in partnership with UNDP) (2025)	TEA



Kazakhstan and the Kyrgyz Republic joined CCAC in 2023, Uzbekistan – in 2024.

Kazakhstan - Develop a national SLCP plan to mainstream SLCP mitigation into existing policy and methane roadmap

Project Goals & Activities

This initiative strengthens **national capacity** for SLCP reduction and **NDC 3.0 implementation**, using CCAC guidance and advanced modeling to develop a **National SLCP Plan & Methane Roadmap** based on cost-benefit analysis.

Objectives:

- Government endorsement of a **National SLCP Plan & Methane Roadmap**
- Strengthened awareness & capacity at **national and sub-national levels**
- SLCP inclusion in **MRV framework**
- SLCP goals integrated into **at least one national development plan** by 2025

Key Activities:

- Development of **SLCP National Plan & Roadmap**
- Standardized **SLCP monitoring methodologies**
- Creation of a **data collection & analysis system**
- **Information sessions & stakeholder consultations**



CCAC Hubs

CCAC hubs are networks of stakeholders who share an interest in reducing short-lived climate pollutant (SLCP) emissions in their sectors, including agriculture, cooling, fossil fuels, heavy-duty vehicles and engines, household energy, national planning, and waste.

What our hubs do:

- CCAC hubs meet periodically to exchange with peers, share best practices, and learn about the latest science in key sectors.
- Each hub aims to draw on the various strengths and experiences of its members to raise ambition, strengthen political will, and drive SLCP action from every angle.
- Hub members include experts and leaders from governments, inter-governmental organisations, non-governmental organisations, and the private sector.

Register here: <https://www.ccacoalition.org/content/contact-us>



HUBS

Partner-led networks promoting transformation in key emitting sectors


CCAC Youth Engagement Strategy: YES for Climate Action


With the **largest youth population in history**, engaging young people in climate action is key to driving **long-term change** and reducing **short-lived climate pollutants (SLCPs)**.

On **May 31, 2023**, the **CCAC Board** approved the **Youth Engagement Strategy (YES)** to empower youth in tackling air pollution and climate challenges.

What YES will do:

 **Engage youth** – Create opportunities for exchange, awareness, and partnerships.

 **Educate & empower** – Support young researchers and developing SLCP resources.

 **Amplify voices** – Strengthen youth participation in CCAC activities and projects.

Youth-driven action is crucial for a cleaner, healthier future!



Webinar (2024): Youth Action for Climate and Clean Air Now



In July 2024, young leaders, activists, and environmental pioneers united to tackle air pollution and short-lived climate pollutants (SLCPs). This webinar aimed to empower youth with knowledge and actionable steps to drive change.

Key Takeaways:

- ✓ **Engage youth in air quality action:** Over 140 young individuals explored ways to influence national climate strategies (NDCs) and integrate air quality priorities.
- ✓ **Collective action drives clean air impact:** Small, local efforts create global change - whether through advocacy, sustainable practices, or policy engagement.
- ✓ **Invest in affordable, clean alternatives:** Governments must provide accessible solutions for cooking and transport to reduce pollution and improve public health.

Youth Leadership in Climate Action: CCAC-Funded Initiatives

Implementing Agroecology & Circular Economy in Africa

Co-Implementor: Youth Initiative for Land in Africa (Yilaa)

- ◆ This project aims to develop and implement agroecological technologies, institutional strengthening, and media engagement to promote sustainable farming practices.
- ◆ In Benin, Yilaa organized a sensitization workshop for young people and women to drive adoption of agroecological solutions, reducing pollution in corn and rice production.

Developing Rwanda's SLCP Plan & Methane Roadmap

Implementing Partner: African Institute for Mathematical Sciences (AIMS)

- ◆ This project aims to develop a National SLCP Plan & Methane Roadmap for Rwanda, secure government endorsement for both plans, establish MRV frameworks for SLCP emissions tracking, integrate SLCP measures into Rwanda's NDC by 2025, strengthen national capacity for SLCP assessment and mitigation.



Consultation Workshop hosted by the AIMS

Children and Youth Major Group (CYMG): CYMG: Empowering Youth for a Sustainable Future

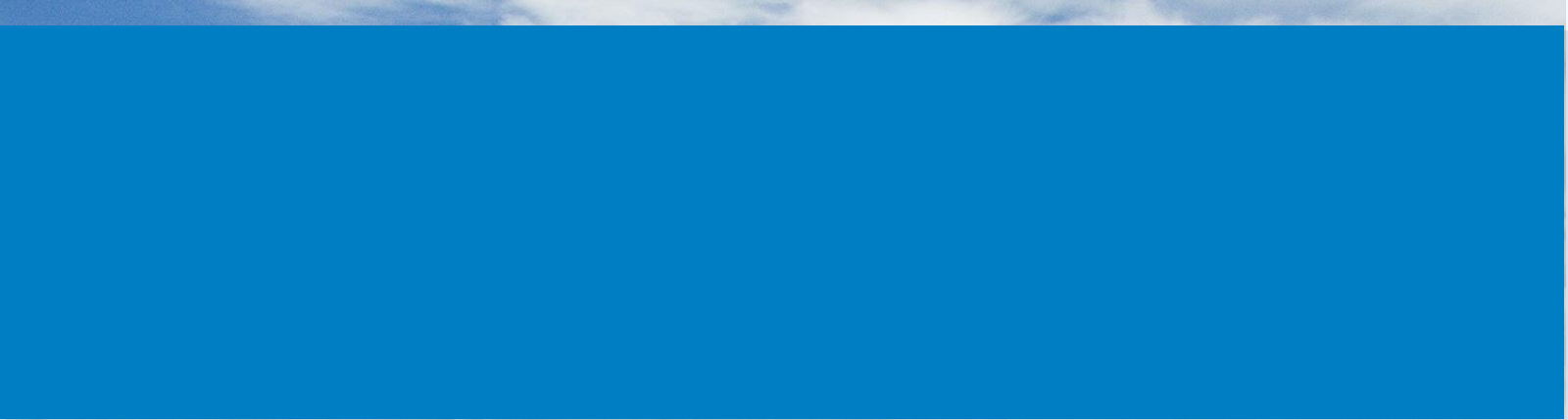
CYMG is a globally recognized youth platform addressing the triple planetary crisis: **climate change, biodiversity loss, and pollution**. As the official youth engagement mechanism to **UNEP**, CYMG advocates for **youth inclusion** in global environmental governance and sustainable development.

Key Focus Areas:

- **Policy Advocacy** – Ensuring youth voices shape environmental decisions.
- **Knowledge Sharing** – Equipping young leaders with crucial insights.
- **Capacity Building** – Strengthening skills for meaningful participation.
- **Youth Engagement** – Connecting youth to action-driven opportunities.

CYMG welcomes all passionate youth and organizations ready to drive change! <https://www.cymgenv.net/join>





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COALITION**

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