

# CLIMATE SMART EDUCATION SYSTEMS INITIATIVE



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Through this initiative, GPE seeks to enhance countries' capacities to mainstream **climate change adaptation and environmental sustainability** into education sector plans, budgets and strategies as well as to enhance education ministry capacity for **cross-sectoral coordination** on climate and environment-related policy and programming.

Credit: GPE/Kelley Lynch

# CLIMATE SMART EDUCATION SYSTEMS INITIATIVE



Credit: UNICEF/UN0642143/

## This initiative aims to ensure:

- 1 Evidence-based policies and planning
- 2 Cross-sector and internal coordination
- 3 Access to climate finance
- 4 Climate data and evidence for education planning
- 5 Safer and greener infrastructure
- 6 School safety and educational continuity
- 7 Curricula, pedagogy and teacher training

# THE OFFER OF SUPPORT



1

**Strengthen ministries evidence-based planning and policy development for climate change adaptation and environmental sustainability strategies**

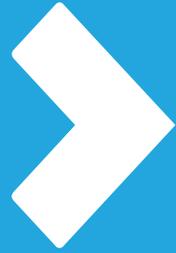
## Who needs this?

- Ministries that strive to improve their policy commitments and planning processes to mainstream climate adaptation and environmental sustainability.

## Activities offered include:

- 1) Capacity development to strengthen education sector risk analysis on the expected impacts of climate change on the education sector and children's learning.
- 2) Support to develop costed climate change adaptation and environmental sustainability strategies and measures.
- 3) Support to develop indicators and/or a monitoring plan for climate adaptation and environmental sustainability actions.
- 4) Support to map resource mobilization opportunities, including climate finance opportunities, for the climate adaptation and environmentally sustainable strategies

# THE OFFER OF SUPPORT



## 2

### **Improve coordination and planning, within ministries of education and between ministries of education and those responsible for climate change, disaster risk management and environmental sustainability**

#### **Who needs this?**

- Ministries that strive to improve internal and cross-sectoral coordination, clarity in responsibility and authority for climate change-related efforts in the education sector.
- Ministries that want support to mobilize action by other parts of government to support climate change adaptation and environmental sustainability measures in the education sector.

#### **Activities offered include:**

- 1) Analyze and provide recommendations to strengthen the integration of climate change into education sector coordination mechanisms and the integration of education in climate change coordination fora.
- 2) Support national school safety coordination mechanisms for “collective impact” approach, engaging all possible governmental and non-governmental stakeholders in long-term efforts to further integrate climate change.
- 3) Support to ministries of education to advocate for inclusion of education in national risk management strategies and approaches and alignment with multi-sectoral risk management policy and implementation.

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## 3

**Support ministries of education to access climate finance for the integration of climate change into the education sector.**

### Who needs this?

- Ministries that want support to mobilize additional funding for climate change adaptation, climate change mitigation, and environmental sustainability measures (including as a match to the GPE Multiplier)

### Activities offered include:

- 1) Support to MoE advocacy to ensure education is reflected in climate change adaptation and mitigation plans at national and subnational levels, including in Nationally Determined Contributions (NDC) and National Adaptation Plans (NAPs).
- 2) Support for cross-sector coordination and alignment between the education ministry and line ministries (including with the Nationally Designated Authorities) in charge of climate change and environmental sustainability-related policies actions and vice versa.
- 3) Support for the design and integration of climate-smart education programming in wider climate-focused financing strategies and proposals.
- 4) Support for the development of climate-smart education proposals for international climate financing sources.

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## 4

**Integrate climate change data into the management of the education sector including for the collection, harmonization, analysis and use of country level data and information on climate change**

### Who needs this?

- Decision makers and planners in the education sector that lack harmonized data and evidence to effectively prioritize climate resilience and climate change action strategies in educational planning.
- Ministries for which the collection and use of climate change-related data and information as it relates to education tends to be fragmented.

### Activities offered include:

- 1) Identify climate change-related data and information needs, including diagnostic study on climate change data and information needs for the education sector and mapping of existing data collection tools used at country level.
- 2) Revise, harmonize and develop data collection tools in the areas prioritized by the ministry.
- 3) Contextualize and pilot digital tool sets appropriate for integration into EMIS, for planning and decision making, at national, subnational, and school levels.
- 4) Support the use of data to inform policy and planning, including capacity development on analyzing and triangulating education data, climate change data and spatial data

# THE OFFER OF SUPPORT



## 5

## Support safer and greener education infrastructure, more resilient to the impacts of climate change

### Who needs this?

- Ministries of education and ministries of works who would like to enhance the design and construction practices deployed by the ministries of education across its infrastructure portfolio.
- Ministries wishing to understand and lessen the carbon footprint of the education sector.
- Education ministries' finance department wishing to optimize the use of resources for school infrastructure

### Activities offered include:

- 1) Assess the extent to which existing standard school designs will cope with anticipated future climate change impacts.
- 2) Undertake infrastructure assessment of schools and learning institutions and propose a costed and prioritized plan for building climate resilience through infrastructure by design retrofitting or replacement.
- 3) Assess the carbon footprint of education infrastructure and provide recommendations on the adoption of low energy and green energy supply.
- 4) Assess potential for adoption of greener construction, operation and maintenance practices of schools and education infrastructure
- 5) Assess opportunity for rainwater harvesting and water use efficiencies

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## 6

**Strengthen implementation of climate-risk reduction and resilience strategies (as part of an all-hazards approach) including comprehensive approaches to school safety**

### Who needs this?

- Ministries of Education that need national and sub-national level costed education operational plans that include climate change adaptation and environmental sustainability measures.
- Ministries of Education that do not have or would like to strengthen their school safety and educational continuity management frameworks.

### Activities offered include:

- 1) Develop a school safety and educational continuity management framework including establishing risk assessment, risk reduction, and response-preparedness protocols (at National, Sub-National, school level).
- 2) Develop national and sub-national level costed operational plans including climate change adaptation and environmental sustainability measures aligned with existing national climate change and DRR frameworks.
- 3) Select, translate and contextualize model policy guidance tools by subject matter experts in country, to support implementation of national safety and educational continuity management framework (e.g. participatory school safety and resilience guidance handbooks, planning forms; public awareness and education messages, SOPs for disasters and emergencies in schools etc.).

# THE OFFER OF SUPPORT



# 7

## Integrate climate change into curricula, pedagogy and teacher training

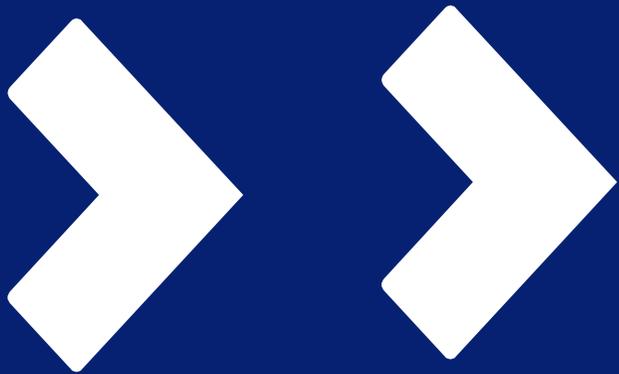
### Who needs this?

- Ministries in need of technical support to mainstream climate change and sustainability in the country's national curricular framework, and teacher development policy and capacity development

### Activities offered include:

- 1) Support social dialogue involving key stakeholders to define the key factors to consider in reorienting and adjusting the curricula, identify gaps and opportunities in terms of teacher capacity, pedagogy, assessment, and the learning environment.
- 2) Support MoE and Teacher Education Institutions to assess capacities and readiness of teachers for addressing climate change, DRR and environmental sustainability, including review of existing in-service and pre-service teacher training curricula and teacher development policies
- 3) Support the development of plans to adjust or consolidate policy and practice to address weaknesses in current curriculum in terms of design, content processes and outcomes
- 4) Support the development of additional capacities of key stakeholders, including curriculum developers, teacher trainers, school leaders, teachers, community leaders, educators, etc., to support mainstreaming climate change and sustainability in curriculum, teacher training and school-level operations.

# CONTACT INFORMATION



**GPE**

**Sarah Beardmore**  
sbeardmore@globalpartnership.org

**Save the  
Children**

**Nick Ireland**  
nick.ireland@savethechildren.org.au

**UNESCO**

**Jun Morohashi**  
J.Morohashi@unesco.org

**UNESCO-IIEP**

**Leonora MacEwen**  
l.macewen@iiep.unesco.org

