



CLIMATE BOX

Climate curricular and training programme



TRAINING SCHOOL TEACHERS ON CLIMATE EDUCATION

UNDP Istanbul Regional Hub for Europe and the CIS

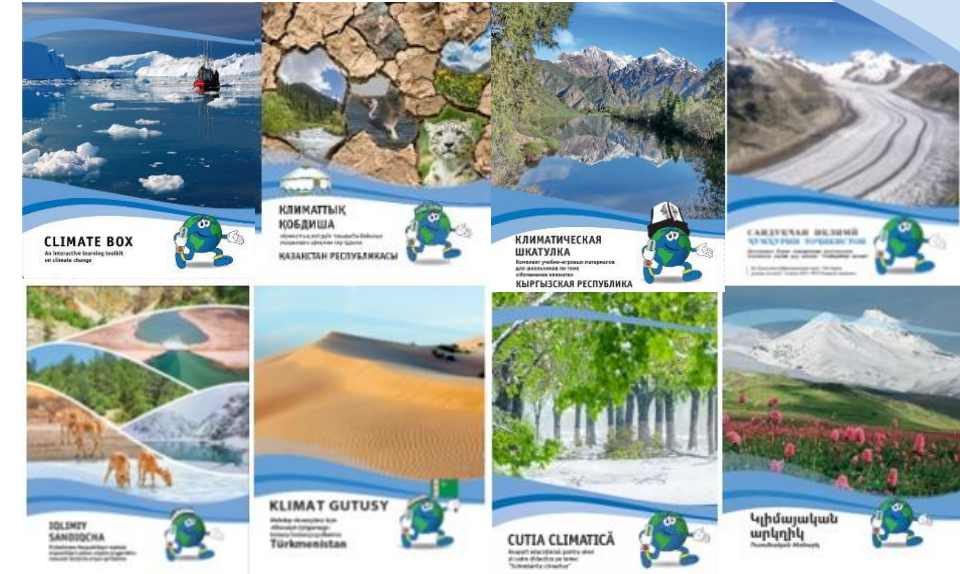
**8th Dialogue on Action for Climate Empowerment
29 July 2020**

CLIMATE BOX EDUCATION PROGRAMME

| Overview



- ✓ Climate Box Toolkit: textbook, posters and maps, Climate Quiz, Teacher Guide
- ✓ 9 countries, 14 languages
- ✓ Training of teachers and educators
- ✓ Knowledge exchange workshops
- ✓ School contests
- ✓ International summer camp
- ✓ Regional teachers' conferences
- ✓ Monitoring and evaluation of impact



CLIMATE BOX – ENGAGING SCHOOL TEACHERS

| Main steps



- ✓ Engagement with ministries and departments of education
- ✓ Training-of-trainers (TOT workshops)
- ✓ Training workshops for teachers
- ✓ Teacher's guide adapted to national curricular
- ✓ Support and oversight during piloting phase
- ✓ Regional teachers' conferences



TOT workshops in Moldova, 24-27 March 2019



2d TOT workshop in Ashgabat, Turkmenistan, 4-5 April 2019



2d TOT workshop in Tashkent, Uzbekistan, 20-21 June 2019



Climate Box workshop in Yerevan, Armenia, Q4 2019 to present localised toolkit in Armenian language and train a broader group of teachers how to use it for climate education was conducted by a trained local team of trainers

TEACHERS'S GUIDE



Chapter 4: recommendations for primary and secondary school teachers

SECONDARY EDUCATION						
Section in the Climate Box textbook	Natural Science	Geography	Biology	Chemistry	Physics	Environment, Health and Safety
Part 1. The problem of climate change						
1.1. Climate and weather	Class 5 • Theme: Weather (main features of weather). Climate	Class 6 • Theme: The heating of air and air temperature • Theme: The dependence of temperature on latitude • Theme: Moisture in the atmosphere. Water vapour and humidity • Theme: Precipitation • Theme: Atmospheric pressure. Measuring atmospheric pressure • Theme: Weather. Components of weather. Air masses • Theme: Climate. Climate maps	–	–	Class 7 • Theme: Atmospheric pressure	–
1.2 Climate types and climate zones	–	Class 7 • Theme: The Earth's atmosphere and the climate • Theme: Climate zones and typical weather for each continent: Africa, Australia, South America, North America, Antarctica, Eurasia Class 8 • Theme: Climate and climate resources	–	–	–	–
1.3. How and why the climate changed in the past	–	Class 6 • Theme: Sea currents. Their causes and impact on the natural world. Interaction with atmosphere and land • Theme: The stone shell of Earth • Theme: Movement of lithospheric plates Class 7 • Theme: The oceans Class 8 • Theme: Geological structure	Class 9 • Theme: How life appeared and developed in ancient epochs	–	Class 10 • Theme: The of ast	–

Teacher's Guide is adapted to the national curricular in each Climate Box country

CLIMATE BOX TRAINING PROGRAMME

| Results



- ✓ 9+ countries
- ✓ 3,000 teachers from 2,000 schools
- ✓ 60,000 school children
- ✓ 2 regional climate education conferences



CLIMATE BOX TRAINING PROGRAMME FOR TEACHERS

| Lessons, Recommendations, Next Steps



Training module on climate change for school teachers

- ❖ Use: vocational training/refresher courses for teachers; additional learning materials
- ❖ Structure:
 - (50%) Introduction to climate change (general and country context)
 - (25%) Delivery of climate curricular in school: (1) use of Climate Box toolkit; (2) promoting climate action through school projects; (3) engaging communities and CSOs in creative learning about climate
 - (25%) Best Practices, sample lessons and projects on climate, interactive teaching methods...

A guide to roll-out climate curricular with Climate Box



Thank you!



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