

## PROJECT INFORMATION

### Strengthening Partnerships for Best Available Technologies with a Focus on Regional Engagement



Expert visit to an industrial plant  
for bauxite processing in Pavlodar

Source: CAREC

Updated: May 2025

**Project region:** Kazakhstan, Central Asia

**Duration:** 06.2024–11.2024

**Beneficiaries:**

National ministries for environment, JSC „International Green Technologies and Investment Projects Center“ (IGTIC)

**Implementing organisation:**

The Regional Environmental Centre for Central Asia – CAREC

**Project number:** 3723 44 0001

## Background

Many international agreements in the field of environmental protection are based on the concept of Best Available Technology (BAT). For example, the United Nations Economic Commission for Europe (UNECE) uses the information from the sector-specific BAT reference documents (BREFs) in its protocols to the Clean Air Convention when setting limit values for environmental pollutants.

In many countries, BAT reference documents are used by experts and decision-makers as a basis for technical regulations and as a sound source of information, e.g. for deriving emission standards. This aims at reducing the environmental impact of industrial activities to a minimum.

## Project details

This project helped substantially to improve awareness, knowledge, and collaboration among state servants, regional stakeholders, businesses, and international organizations to promote adopting BAT principles for environmentally sustainable practices and foster environment-friendly economic growth in the region of Central Asia.

During a regional workshop for stakeholders from Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan, EU experts provided their insights, knowledge and experience in the implementation of BAT principles and environmental management.

They also facilitated a ‘Training-of-Trainers’ for BAT experts from Kazakhstan and provided in-depth knowledge of the licensing and monitoring practice of industrial plants in the sectors of large volume organic chemicals (LVOC), wastewater treatment and waste management. The participants used the joint visit to an industrial plant for aluminum production in Pavlodar for practical observations.

A BAT reference platform with BAT / BREF documents was made accessible on the Central Asian Climate Information Portal CACIP.

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**Advisory Assistance Programme (AAP)**

for environmental protection in the countries of Central and Eastern Europe, the Caucasus and Central Asia and other countries neighbouring the European Union – a programme of the Federal Ministry for Environment, Nature Conservation, Nuclear Safety and Consumer Protection

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