

## PROJECT INFORMATION

### Technical assistance for Kazakhstan in the field of Best Available Techniques (BAT)



Cement plant in Karaganda,  
Kazakhstan

Source: Rogelio Dupont

#### Background

Kazakhstan plans to introduce a Best Available Techniques (BAT) based permitting system by 2025. At the first stage, the 50 largest industrial enterprises accounting for 80% of pollution are supposed to implement BAT. The responsible Kazakh environmental authorities shall establish the framework conditions, working procedures and methods for the development of (“vertical”) sector specific Best Available Techniques Reference (BREF) documents and implement the BAT concept for environmental permitting.

#### Project details

The goals of two related projects were (a) to draft BREFs for the cement industry and the energy sector in Kazakhstan and (b) to achieve a clear understanding and improved capabilities of the Kazakh BAT Bureau and involved experts how to organize the information exchange with key players. During the implementation of the projects the consultants in close cooperation with the respective Kazakh Technical Working Groups drafted exemplary BREFs on large combustion plants and on production of cement and lime and provided methodological support for the process of establishing BAT. The projects supported Kazakhstan on its way to apply the principles of BAT for integrated permits granting to industrial installations and will contribute to modernize industry reducing air and water pollution and leading to a more efficient way of using energy and resources.

Updated: March 2023

#### Project country/region:

Republic of Kazakhstan

Duration: 04/2021 – 10/2022

Beneficiary: International Green Technologies and Investment Projects Center (IGTIPC) and its BAT Bureau

#### Implementing organisation:

Citepa, International Expert Centre on Air Pollution and Climate Change

Project number: 153830, 172137

#### Thematic management:

Federal Ministry for Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV)  
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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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