



# PCB-FREE ELECTRICITY DISTRIBUTION IN GEORGIA





## PROJECT BACKGROUND:

The project intends to speed up the adoption and enforcement by the Georgian government of provision related to the management of Polychlorinated Biphenyls. More specifically, under component 1, the project intends to assist the country in the development and enforcement of specific rules and standards on the management of PCB containing waste, as well as developing of technical guidelines concerning all stage of the lifecycle of equipment containing or contaminated by PCBs. This support is highly catalytical, as it benefits of the high commitment of the country to align its regulation with the international conventions and EU regulation. The project will also complement the existing capacity of the companies in terms of inventory of PCB content in energy companies and transformer maintenance with the technology and technical capacity to destroy PCBs in the most cost effective way.

## PROJECT OBJECTIVE:

Ensuring sound PCB management in Georgian electricity distribution network

## PROJECT COMPONENTS:

- 1) Legal, institutional and capacity strengthening
- 2) Management and safe disposal of equipment containing high concentration PCB oils
- 3) Technology transfer for long lasting PCB management capacity in the electricity distribution sector
- 4) Monitoring and Evaluation

## DURATION:

48 months  
(March, 2018 - March, 2022)

## PROJECT BENEFICIARIES:

- Ministry of Environmental Protection and Agriculture of Georgia
- Ministry of Economy and Sustainable Development of Georgia
- Minister of IDPs from the occupied territories, labour, health and social affairs of Georgia.
- Georgian State Electro System JSC
- JSC Energo-Pro

## PROJECT OUTPUTS:

- Development of PCB specific amendments in waste legislation
- Development of technical guidelines covering all stages of PCB life-cycle
- Training of PCB holders and state inspectors in implementing the guidance
- Upgrading government capacity to enforce PCB regulations, including PCB information management
- Verify pure or high concentration PCB equipment and manage them safely until replacement
- Transportation and disposal of 300 tons of PCB oils and associated equipment
- Detailed inventory of the PCB containing transformers in all industrial sectors
- Updated transformer maintenance with PCB management in place
- Procurement and testing of mobile PCB de-contamination technology
- 1,000 tons of PCB containing oils rendered harmless in electricity distribution network
- Undertake targeted awareness raising for high-risk population groups

Project in initiated by the Ministry of Environmental Protection and Agriculture of Georgia. It is funded by the Global Environment Facility (GEF) and is implemented by United Nations Industrial Development Organization (UNIDO). National components are executed by The Regional Environmental Centre for the Caucasus (RECC)