

# Roadmap for the establishment of a national Shared Environmental Information System

## Kyrgyzstan

### **Objective 1: Develop a unified platform for the allocation of environmental UNECE indicators.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

For the convenience of users, it is necessary to create an integrated platform at the State Agency for Environmental Protection and Forestry (SAEPF), which is the state executive body for implementing policies and regulating relations in environmental protection, environmental safety and environmental management.

NOTE: methodological help in creating an integrated platform for the UNECE environmental performance indicators is currently being carried out with the support of UNDP.

### **Objective 2: Provide annual updates of environmental indicators and set specific deadlines.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The task of providing annual updates of the UNECE environmental indicators with the possibility of placing them on a newly created integrated platform with access by interested organizations and the public must be resolved at the national level. The support of international organizations is not required.

### **Objective 3: Improve inter-agency cooperation in data exchange.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The development and approval of a procedure for the exchange of environmental data among organizations engaged in activities related to environmental protection and the use of natural resources must be resolved at the national level. The support of international organizations is not required.

#### **Objective 4: Transition of environmental information to electronic format.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The country should introduce into practice the work of environmental organizations in the transfer of environmental information to an electronic format in order to use common, up-to-date information and communication technologies distributed via the Internet. Methodological assistance in digitizing environmental information can be provided under the UNDA project.

#### **Objective 5: Improve the production of environmental information at the local level.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

SAEPF should coordinate the work of local environmental organizations in order to obtain locally accurate, reliable and accessible environmental information that can be used for comparative analysis on appropriate geographical scales (for example on the scale of regions and cities). The task must be resolved at the national level. The support of international organizations is not required.

#### **Objective 6: Introduce modern, internationally accepted methods of analysis, calculations and recommendations in environmental monitoring.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The UNDA project provides the organizational framework for offering training to maintain the required level of qualifications in the use of international standards in the implementation of environmental monitoring.

## **Objective 7: Implement automated systems for measuring environmental parameters.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

### **Actions required:**

More rapid development and implementation of automated systems for measuring the state of environmental parameters is necessary, as are automating the collection, storage and processing of information in order to use modern information and communication technologies distributed via the Internet. The task must be resolved at the national level. The support of international organizations is not required.

## **Objective 8: Finalize the on-line interactive version of the National State of the Environment Report for posting on the Internet.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment** (to be determined by country):

**Actions required** (breakdown further and label with individual timeframes):

Finalizing the full interactive version of the National Report on the State of the Environment is necessary, and may require international assistance.

## **Objective 9: Increase the quantity of data sets in UNECE environmental indicators.**

**Priority:** (to be determined by country):

**Timeframe for fulfilment:** (to be determined by country)

### **Actions required:**

SAEPF should ensure the on-line availability and accessibility of at least 67 data sets as specified by the Working Group on Environmental Monitoring and Assessment ECE. The task must be resolved at the national level. The support of international organizations is not required.

## **Objective 10: Develop a monitoring system of “nationalized” indicators used in the implementation of global SDG indicators.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The country should develop a monitoring system of "nationalized" indicators to be used to track the dynamics and trends in the results of the implementation of SDG global environmental indicators at the national level. The task must be resolved at the national level. The support of international organizations is not required.

**Objective 11: Use the UNECE environmental indicators when developing national SDG indicators.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The task of developing national SDG indicators based on existing UNECE environmental indicators must be resolved at the national level. The support of international organizations is not required.

**Objective 12: Translate main published environmental documents into Kyrgyz and, if possible, into English.**

**Priority:** (to be determined by country)

**Timeframe for fulfilment:** (to be determined by country)

**Actions required:**

The task of providing translations of the main environmental documents (the National Report on the State of the Environment, inventory matrix and adaptation of SDG indicators and others) into Kyrgyz and, if possible, into English must be resolved at the national level. The support of international organizations is not required.