

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

### Armenia

#### **Objective 1: Develop and implement systems for monitoring biodiversity, waste, land cover and forest inventory.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

The Ministry of Nature Protection of the Republic of Armenia (MNP) should develop a guidance document on the organization and implementation of an environmental monitoring and reporting system based on the principles and practices of SEIS, and should ensure the exchange of data. This task requires the provision of scientific and methodological assistance from the UNDA project in the development of a guidance document.

#### **Objective 2: Increase the quantity of data sets in UNECE environmental indicators.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

The MNP and the Ministry of Emergency Situations of the Republic of Armenia (MES) should ensure the online availability and accessibility of at least 67 data sets as specified by the UNECE Working Group on Environmental Monitoring and Assessment. The task must be resolved at the national level. The support of international organizations is not required.

#### **Objective 3: Transition of environmental information to an electronic format.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

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

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**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 5: Implement automated systems for measuring environmental parameters.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

More rapid development and implementation of automated systems for measuring the state of environmental parameters are 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 with assistance from international organizations.

**Objective 6: Equip monitoring networks and laboratories with modern technical and analytical equipment.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

The Government of the Republic of Armenia should allocate the funds necessary to equip the monitoring networks and analytical laboratories with modern technical and analytical equipment. The task must be resolved at the national level with assistance from international organizations.

**Objective 7: Decide on the regular preparation and publication of national environmental reports.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

The Government of the Republic of Armenia should develop and adopt a resolution on the preparation and publication of national reports on the state of the environment. The task must be resolved at the national level. The support of international organizations is not required.

**Objective 8: Develop a layout of the national report on the state of the environment of the Republic of Armenia.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

The UNDA project should provide methodological assistance to MNP for the development of a layout of the national report on the state of the environment with a view to its regular preparation and publication.

**Objective 9: Use the UNECE environmental indicators when developing the national SDG indicators.**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

The Statistical Committee of the Republic of Armenia (SC) should use existing UNECE environmental indicators in the development of the not-yet-developed “nationalized” SDG indicators. The task must be resolved at the national level. The support of international organizations is not required.

**Objective 10: Ensure coordination between organizations responsible for UNECE environmental indicators and the “nationalization” of global SDG indicators**

**Priority:** no comment

**Timeframe for fulfilment:** no comment

**Actions required:**

In order to increase the efficiency and mutual use of the indicators, the Government of the Republic of Armenia should ensure closer interaction and coordination between SC, which is responsible for the development and implementation of “nationalized” SDG indicators, and MNP and MES, which are responsible for the implementation of UNECE environmental indicators. The task must be resolved at the national level. The support of international organizations is not required.