

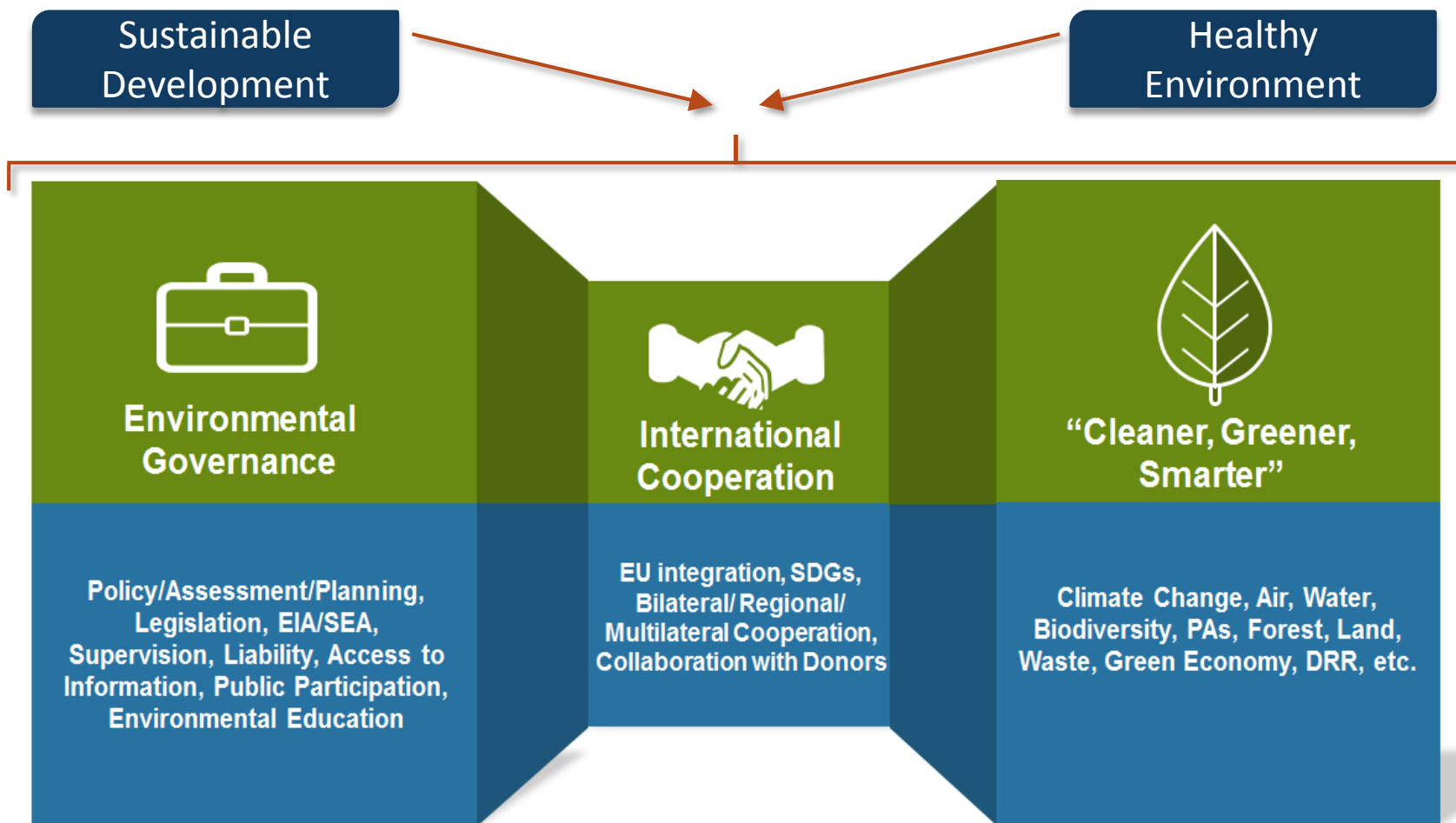
SESSION 1

Achievements, challenges and lessons learned implementing the SEIS work plan

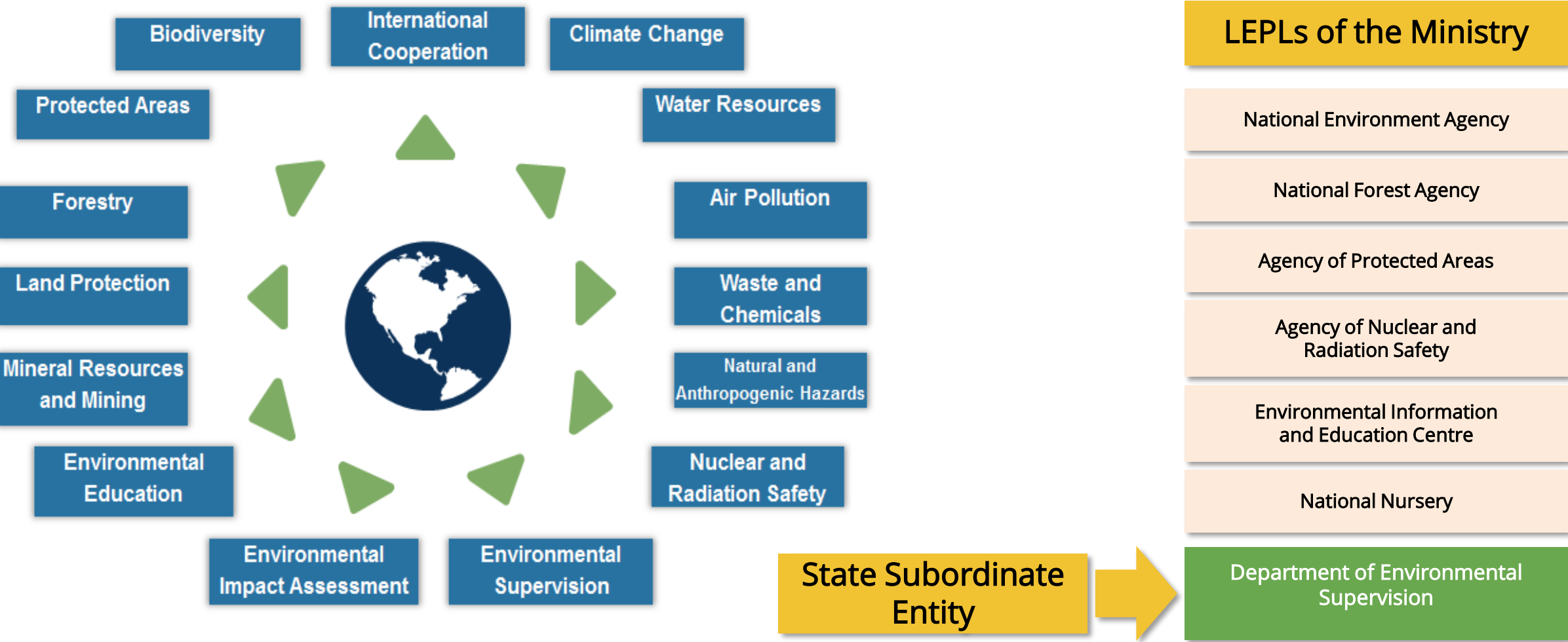
GEORGIA



Vision of the Ministry



Key Directions



1. Governance structure (1/2)

Institutional & Structural Reforms

- On November 13, 2017, it was reported about planned structural and functional reorganization of the Government of Georgia according to which the responsibility for the protection of natural resources (only licensing and control of mining sector) currently exercised by the Ministry of Environment and Natural Resources Protection of Georgia will be transferred to the Ministry of Economy and Sustainable Development of Georgia.
- The functions of the Ministry of Environment and Natural Resources Protection and the Ministry of Agriculture will be merged under a single new entity – the Ministry of Environment Protection and Agriculture of Georgia.
- NGOs and experts working in the field of environment discussed the planned changes & their appropriateness and cost-effectiveness.
- On December 7, 2017 The Parliament of Georgia adopted proposed Government restructure.



1. Governance structure (2/2)

Cooperation with GEOSTAT

MoU between MoENRP and GEOSTAT



Ministry of Environment
and Natural Resources
Protection of Georgia



Data exchange calendar

Instant update of environmental statistics data on
GEOSTAT website

Bilateral working group (case-by-case)

Recommendations & proposals

Future needs and tasks

GEOSTAT and MENRP staff capacity building in
environmental statistics

Strategic Plan for Agricultural, Environmental
and Rural Statistics in Georgia 2016-2020



Ministry of Environment
and Natural Resources
Protection of Georgia



Improving interinstitutional cooperation

Capacity building of staff from relevant state agencies

Evaluation of international environmental indicators
and

Improve water and air statistics






Improve waste statistics

Improve forest statistics



2. 2017 implementation of SEIS work plan (1/9)

Project Cooperation Progress

-  NFPs are confirmed
-  Letter of Intent is signed
-  SEIS NIT is not in place
-  Coordination Commission for EI Systems (February, 2017)
-  National SEIS assistant is in place.



2. 2017 implementation of SEIS work plan (2/9)



Not Attained



Partially Attained



Attained

Cooperation		
GE- 2.5: Expert assistance to solidify legislative and regulatory frameworks around data management, access and use	Expert support at national level	Assessment on the national data policy for water and air
GE- 2.2: Support the development of inter-institutional dialogue and public participation in the environmental decision-making process	Training of the SEIS National Implementation Teams (NIT) on Eionet practices	Memorandum of understanding/Letter of Intent Formalisation of the SEIS NIT National work plan endorsed
	Participation of key NIT members in relevant Eionet activities	
	Working meetings/visits to the partner countries	
GE- 1.2: Harmonisation of methodologies for production of comparable environmental indicators across the region	Technical assistance to develop National Water Information System - WISE	Annual progress report on implementation of regional environmental indicators
Content		
GE- 1.1.1 Water ■ Nutrients in freshwater (C.11) ■ BOD and concentration of ammonium in rivers (C.10)	Technical assistance through expert visits for harmonising data with international standards	Annual progress reports on gap filling
GE- 2.4: Implementation of national WISE demonstrating data sharing and integration	Expert support at national level for the various MDIAK components	Concept paper and roadmap for implementation of the country pilot
	Support towards the Black Sea Information System	<i>To be confirmed with Black Sea Commission and EC</i>
GE- 2.3: Pilot on extending CORINE Land Cover (CLC) methodology to capital areas of the partner countries	Training of the CLC methodology	Partner institutions identified Training package prepared
GE- 3.2: Methodological support for production of indicator-based assessments	Expert visits and missions (to partner and/or Eionet countries)	Data and indicators on national websites
GE- 3.1: National training and expert assistance on SOER production, based on SEIS-compliant data	Expert visits and missions (to partner and/or Eionet countries)	Environmental assessment products on national websites
	National events for SOER production and online presentation	Environmental assessment products on national websites
Infrastructure		
GE- 2.1: Expert assistance and capacity building in development of Water Information System (WISE) and supporting	Hands-on training on tools and systems	Established data flows to gradually be aligned with the reporting obligations
GE- 2.4: Implementation of National Water Information System (WISE) demonstrating data sharing and integration	Hands-on training on tools and systems	Website pages and/or online services operational
	Sharing knowledge and experiences, including with Eionet countries	
GE- 3.2: Methodological support for production of indicator-based assessments	Hands-on trainings with IT experts	Data and indicators on national websites



2. 2017 implementation of SEIS work plan (3/9)



Not Attained



Partially Attained



Attained

Communication and Visibility		
GE- 4.1: Development and implementation of project communication and visibility plan at regional and national levels	Identify and support national communication and visibility activities	National communication and visibility activities in accordance to national work plans
	Creation/updating and management of the project website, as well as production of bi-annual newsletters and other promotional materials	Operational project website, bi-annual project newsletters and promotional materials developed and disseminated at relevant events
	Translation of promotional materials and guidance/ methodological documents of relevance for the SEIS implementation into Russian and/or Georgian	Translation of relevant promotional materials and documents into Russian and/or Georgian
GE- 4.2. Regular dialogue with Eionet and synergy activities	Regular dialogue with Eionet NFPs (mainly during Eionet NFP meetings) and experts to ensure awareness of, and involvement, in project activities	Eionet engagement documented in project progress reports. Strong links with EU Delegations
Management and coordination		
GE- 5.1: Project management and coordination of cross-cutting issues with relevant partners	Meetings of the project management group	
	Annual regional Steering Committee meeting	
GE- 5.2: Overview and reporting of the project administrative and financial execution	Regular monitoring and execution of project implementation	Annual progress report and quarterly work plan updates
GE- 5.3: Interaction(s) with relevant regional expert and initiatives	<i>Key meetings and events:</i>	
	<i>UNECE Committee on Environmental Policy</i>	
	<i>Eastern Partnership Panel on Environment and Climate Change</i>	
	<i>1st SC of the EUWI+ project</i>	
	<i>13th Session of the UNECE Joint Task Force on Environmental Statistics and Indicators</i>	
	<i>19th Session of the UNECE Working Group on Environmental Management and Assessment</i>	
	<i>6th ministerial conference on Environment and Health</i>	
	<i>UNECE Seminar on the Implementation of SEEA</i>	
	<i>Summit of the Eastern Partnership</i>	



2. 2017 implementation of SEIS work plan (4/9)

Data Management on national level

Monitoring and Processing



National Environmental Agency (NEA)

Publications:

- Daily informative bulletin on air pollution;
- Water, air, soil, radiation yearbooks;
- Monthly informative bulletin "State of Environment of Georgia";
- Reports of passive samplings of air pollution;
- Report on quantity and quality of groundwater (6 months);
- Other reports

Collecting and Processing



Ministry of Environment & Natural Resources Protection



GEOSTAT



Agency of Protected Areas (APA)



National Forest Agency (NFA)



Environmental Information and Education Centre (EIEC)

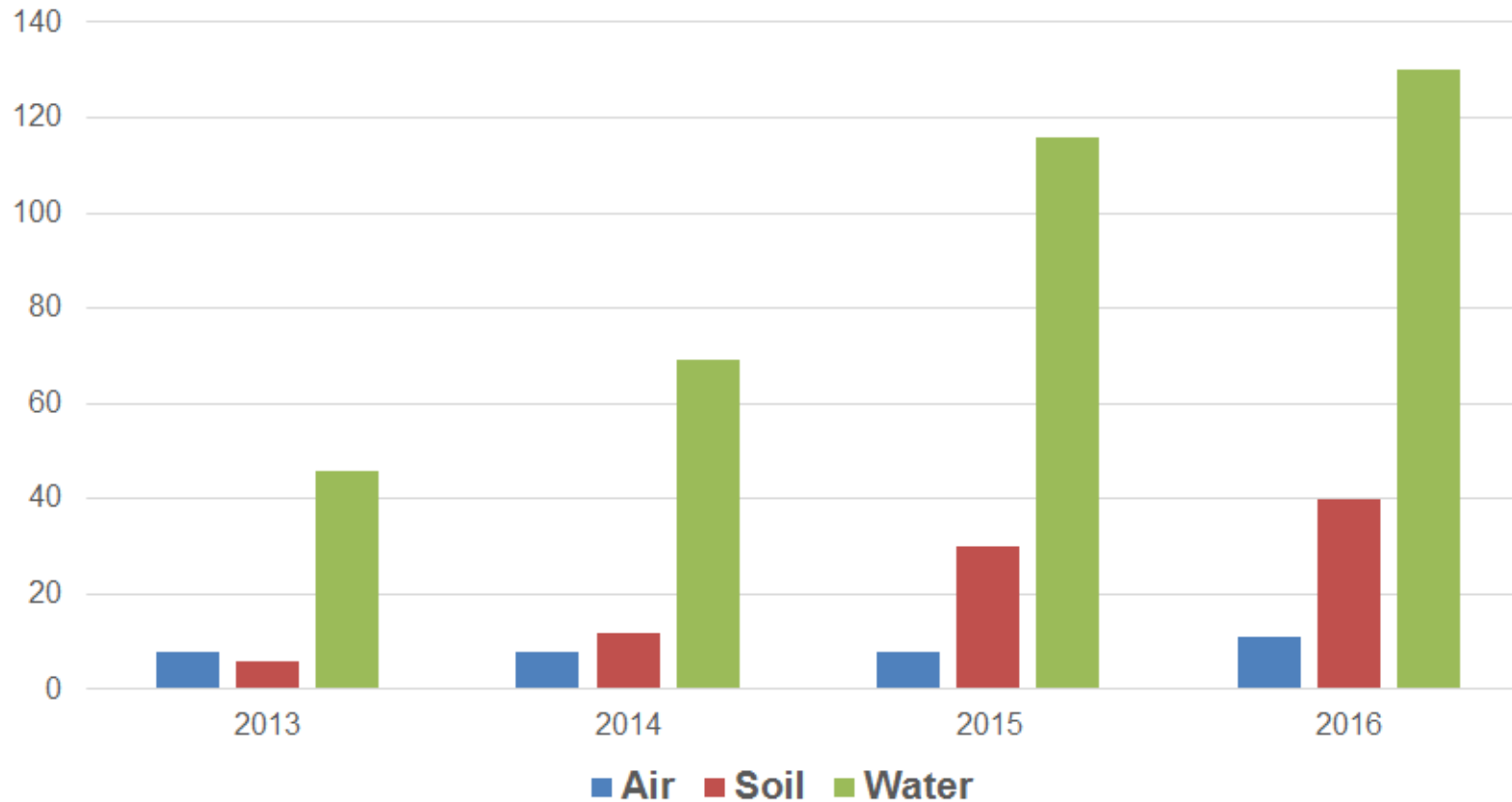
Publications:

- SoE; NEAP;
- Country Environmental Assessment (CEA);
- Environmental Performance Review (EPR);
- Statistical Publication "Natural Resources and Environment Protection in Georgia";
- Statistical Yearbook of Georgia;
- Information maps of air pollution from point sources;
- Other reports



2. 2017 implementation of SEIS work plan (5/9)

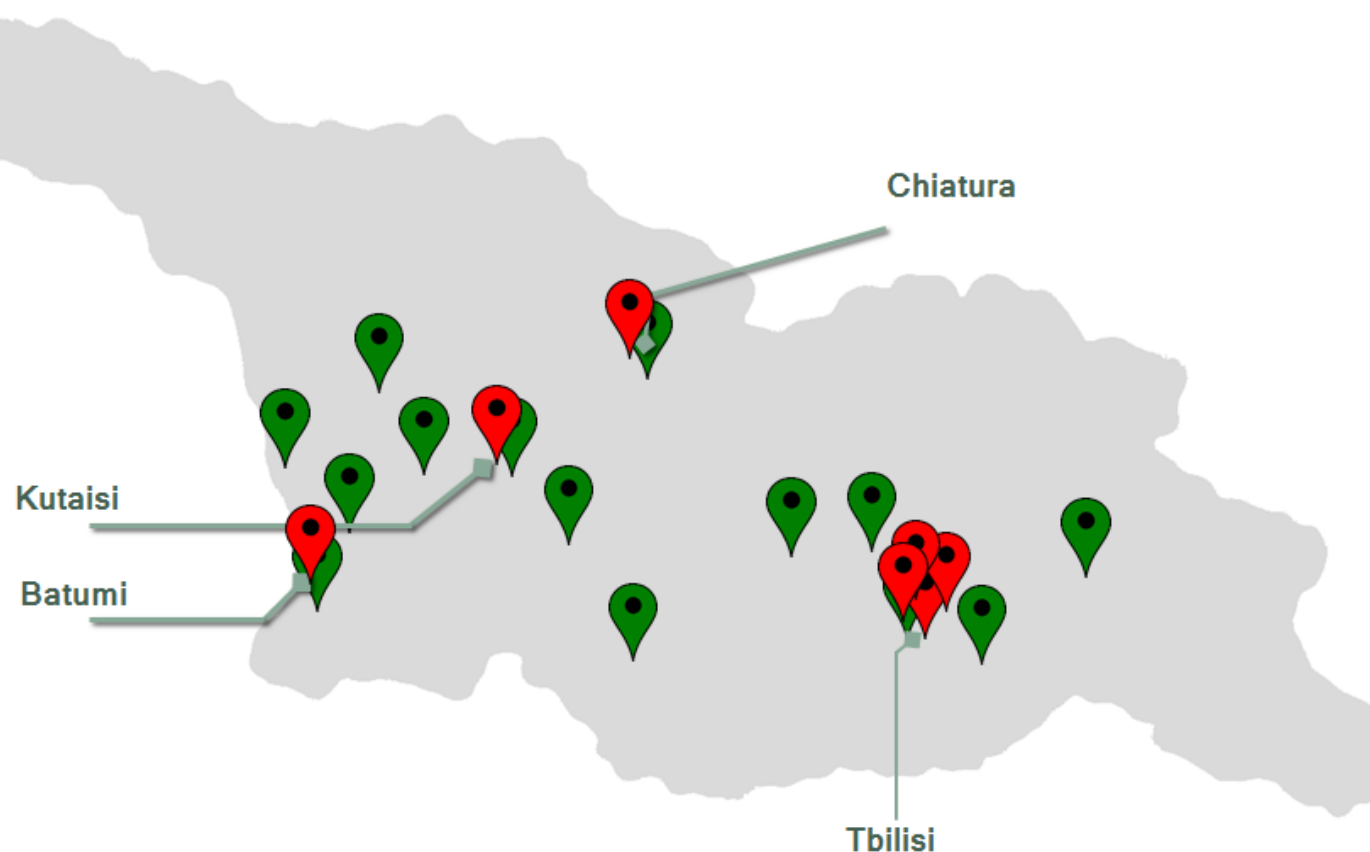
Monitoring Points



2. 2017 implementation of SEIS work plan (6/9)

Air Quality Monitoring

- 2015 – 1 Automatic monitoring station
– Quarterly Passive Sampling in 15 cities
- 2016 – 6 Automatic monitoring station
– Quarterly Passive Sampling in 15 cities
- 2017 – 7 Automatic monitoring station
– Quarterly Passive Sampling in 15 cities



2. 2017 implementation of SEIS work plan (7/9)

Water Statistics: Monitoring and Collecting

Water Monitoring Points

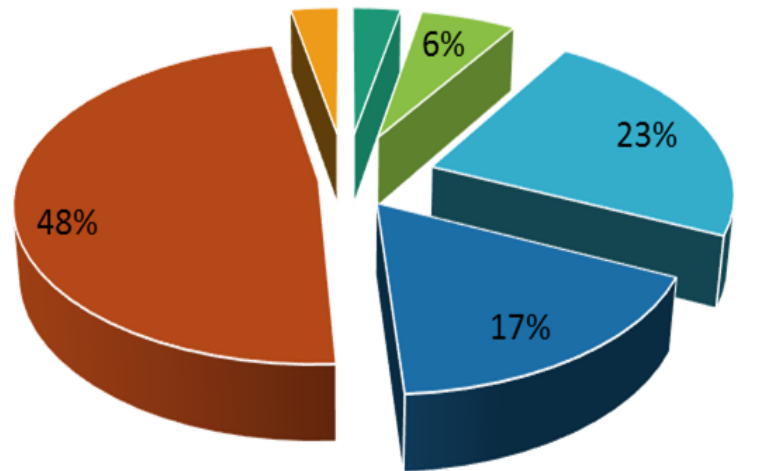
158 Points

85 – in West Georgia

73 – in East Georgia

Collecting and Processing of Information on Water Use

Water Use



Fisheries Industry Thermal Energy
Irrigation Water Supply Other

Submission of filled statistical forms to the Water Division (MENRP) by enterprises

Validation of submitted information

Input of validated forms to the Access Base programme

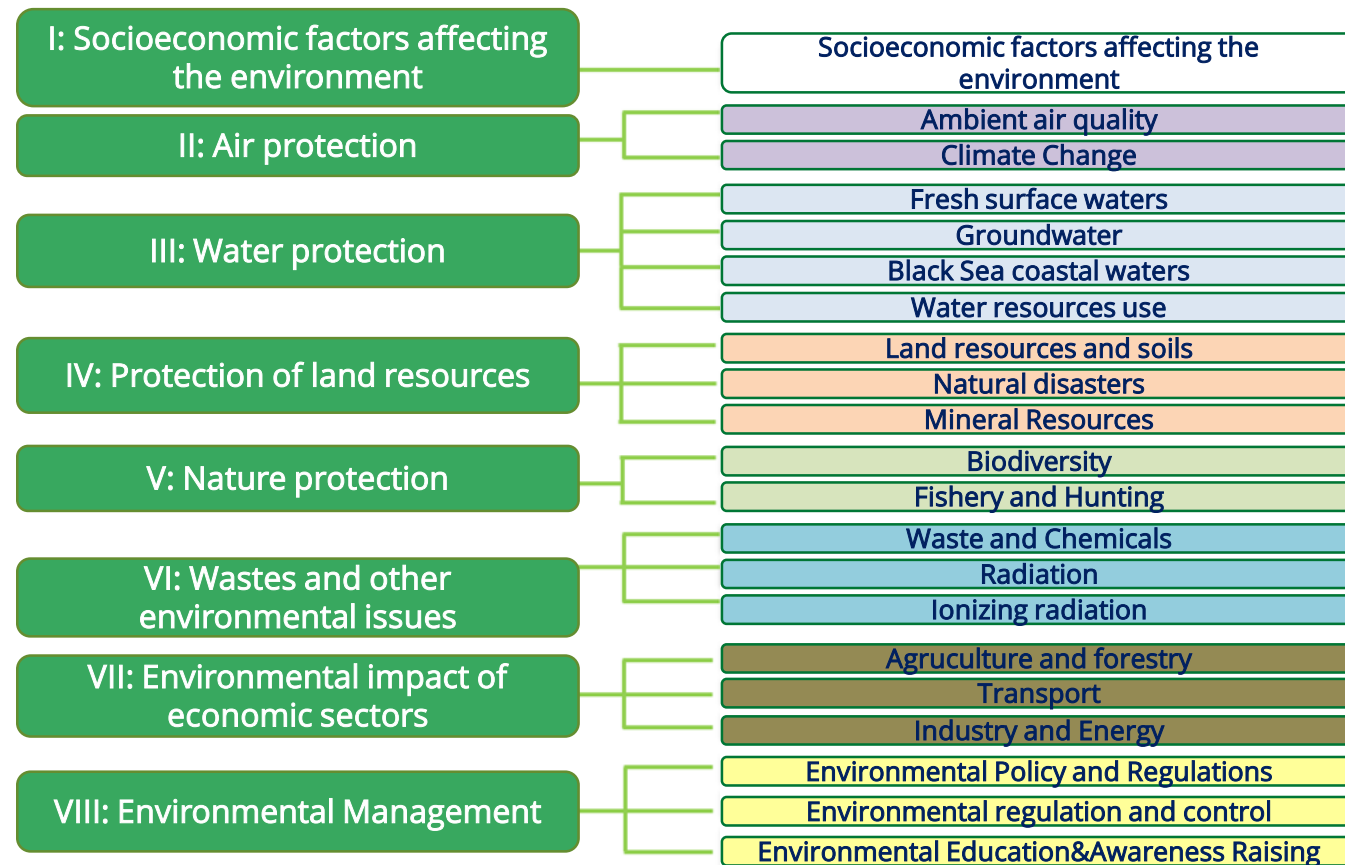
Summarized tables by:
River basins; Economic activities; Municipalities

Submission of the summarized tables to the GEOSTAT



2. 2017 implementation of SEIS work plan (8/9)

SoE Structure

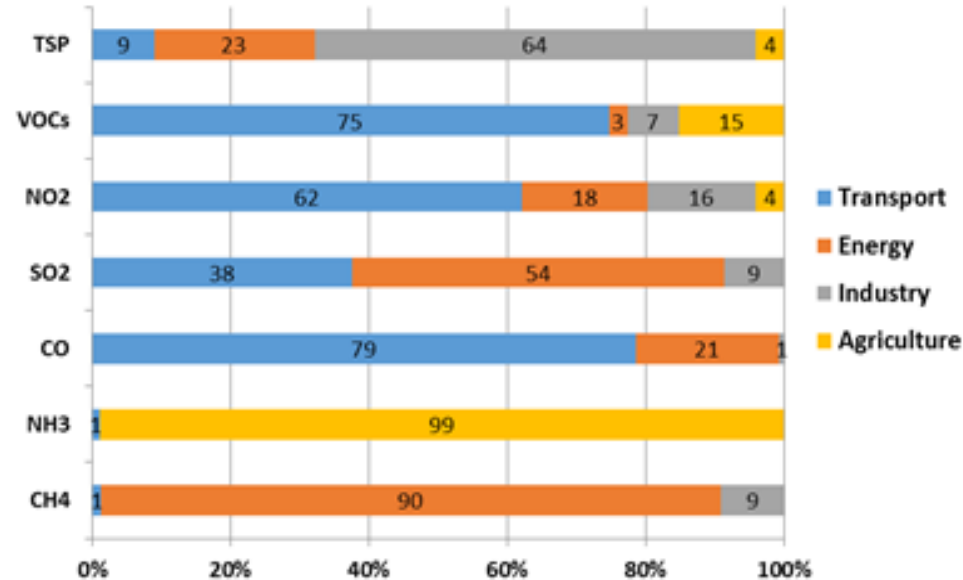


2. 2017 implementation of SEIS work plan (9/9)

Pilot Chapter: Air Pollution

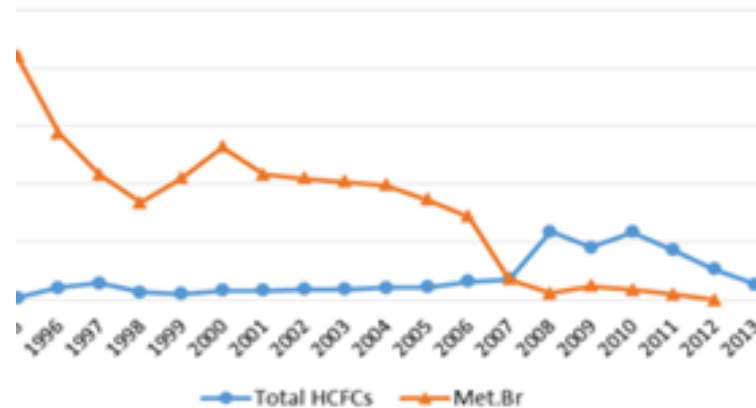
Indicator 1: Emissions of Harmful Substances in Ambient Air

Indicator 2: Consumption of ozone-depleting substances (ODSs)



Share of economy sectors in hazardous emissions, %

Consumption of HCFCs and MB in ODP tonnes



3. Project and SEIS visibility (1/ 4)

Improving Public Access to Environmental Information

Order of the Minister on Proactive Dissemination of Environmental Information

Public Information Window
on moe.gov.ge



Electronic Air Pollution Reporting System



<http://emoe.gov.ge/>

Waste Electronic Reporting System

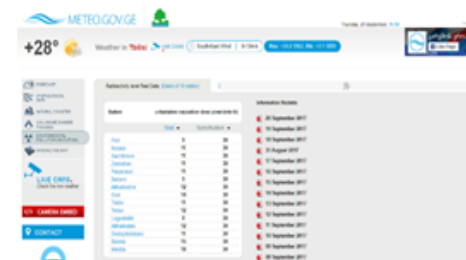
Water Use State Accounting Online System



Environmental Information and Knowledge Management System



Daily Air Pollution Bulletin



<http://meteo.gov.ge/radiation>

Web-based Forest and Land Use Information and Decision-Support System

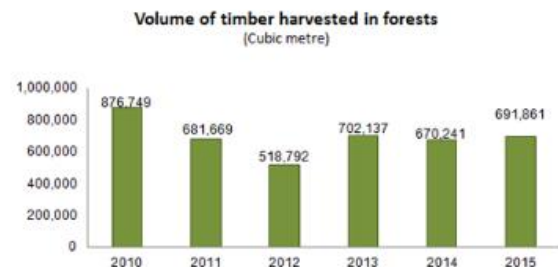


<http://geo.forest-atlas.org/map?l=fr>



3. Project and SEIS visibility (2/4)

Forest

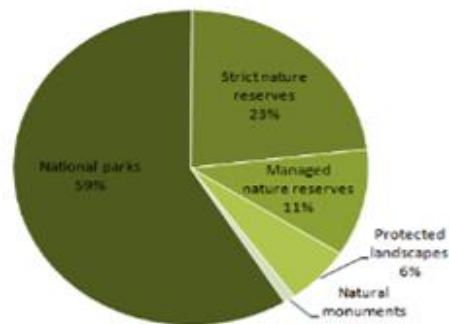


Source: Ministry of Environment and Natural Resources Protection of Georgia


download
Forest

Protected Areas

Protected areas of Georgia by categories (%), 2015



Source: Ministry of Environment and Natural Resources Protection of Georgia



National Statistics Office of Georgia

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Main Statistics

- GDP and Other Indicators of National Accounts
- Price Indices
- External Trade
- Foreign Direct Investments
- Employment and Wages
- Population
- Standard of Living, Subsistence Minimum
- Justice Statistics
- Healthcare and Social Protection
- Education and Culture
- Business Statistics
- Business Register
- Agriculture, Environment and Food Security
- Industry, Construction and Energy Statistics
- Service Statistics
- Government Finance Statistics
- Monetary Statistics
- IMF SDDS
- Gender Statistics
- Regional Statistics
- Tourism Statistics
- Information and Communication Technology (ICT) and Innovations

Environment

Forest

Air Pollution

Protected Areas

Statistical Publication

- Statistical Publication "Natural Resources and Environment Protection in Georgia", 2013 download
- Statistical Publication "Natural Resources and Environment Protection in Georgia", 2014 download
- Statistical Publication "Natural Resources and Environment Protection in Georgia", 2015 download

Environmental Indicators

- C-4. Household water use per capita
- C-5. Water supply industry and population connected to water supply industry
- C-7. Water losses
- C-14. Population connected to wastewater treatment
- F-2. Fertilizer consumption
- F-4. Pesticide consumption
- G-1. Final energy consumption
- G-2. Total primary energy supply
- G-3. Energy intensity
- G-4. Renewable energy supply
- H-1. Passenger transport demand
- H-2. Freight transport demand
- H-3. Composition of road motor vehicle fleet by fuel type
- H-4. Age of road motor vehicle fleet

News

2017-11-28

Energy Consumption in Households, 2017

download

2017-11-27

Large-scale Training Conducted for Geostat Staff

A wide-scale training is conducted for the Agriculture and Environment Division field personnel of National Statistics Office of Georgia. Geostat will carry out the Sample Survey of Agricultural Holdings by a complete

Archive

Publications

Read more

<http://www.geostat.ge>

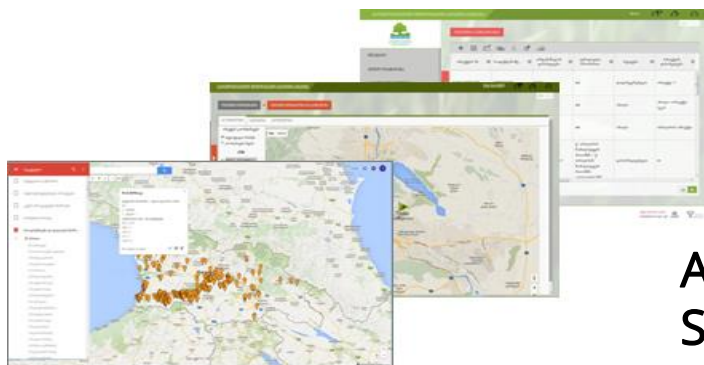


European Environment Agency

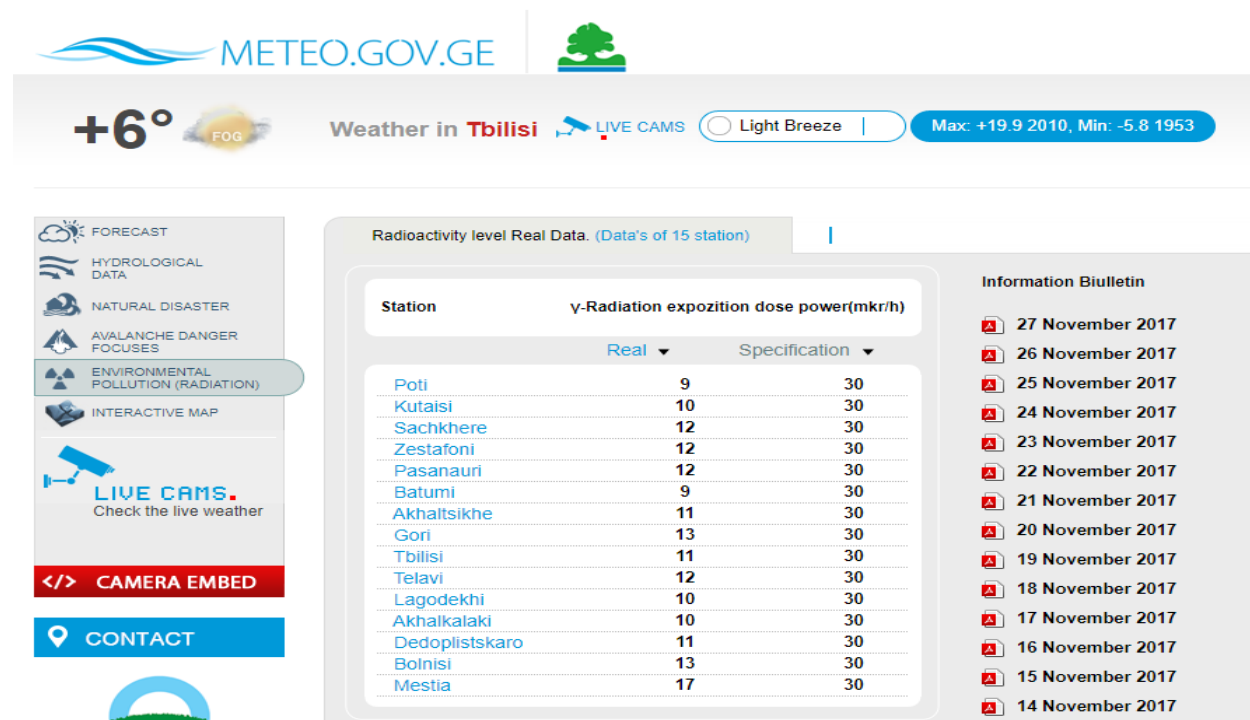
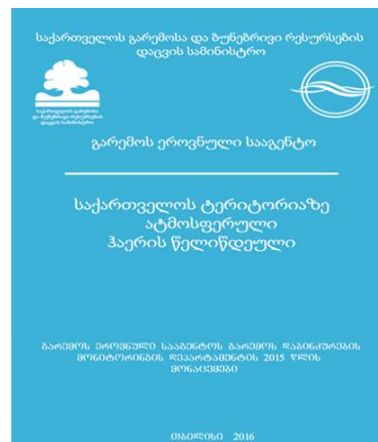


3. Project and SEIS visibility (3/4)

Public Access to Environmental Information



Air Pollution from
Stationary Points
map.emoe.gov.ge



Daily informative bulletin
www.meteo.gov.ge

Monthly Bulletin and Yearbook



3. Project and SEIS visibility (4/4)

Water

- 6-7 November, 2017, 2-day workshop was held in order to build capacity for developing coordinated **water information system** that can support policy-making and implementation;
- Hands-on training session will be held for **national experts** from the Ministry. They will be working on implementation of the project's objectives for the next two years

Biodiversity

- 8 November, 2017, the seminar was held in order to assess proposals aiming to ensure the **conservation of wild flora and fauna and their natural habitats** in Georgia, Armenia and Azerbaijan;
- Seminar **evaluated** the extent to which the Emerald Network sites in the three countries are fit to ensuring the long term conservation of species and habitats of European importance.



4. Priorities in the 2018-19 work plan (1/2)

Challenges and Needs

CHALLENGES

No centralized digital database

Outdated and weak environmental monitoring network

Environmental data reliability

Outdated data collection methods

Outdated databases

Absence of required software

No natural capital accounting system

NEEDS

Improvement of existing ambient air quality data collection and processing system in Georgia

Maintenance and enlargement of Environmental Information and Knowledge Management System

Improvement of recording and study of water resources

Conducting nationwide forest inventory

Introduction of waste data collection and reporting system

Collecting information on the losses & damages caused by climate change

Capacity building for better data collection, processing and management

Development of national land-use Geo-Database



4. Priorities in the 2018-19 work plan (2/2)

Possible Outcomes

Introduction of effective environmental information sharing system in the country

Strengthening of coordination between governmental bodies at national level

Sharing of experience and good practice

Improvement of reporting system

Ensuring the access to environmental information

Support of introduction data collection software

Development of effective mechanism of verification of information

Environmental data systematization and analysis using modern technologies

Capacity-building and training of staff



Thank You for Attention

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საქართველოს გარემოს
დაცვისა და ბუნებრივი
რესურსების სამინისტრო

