Sharing and Dissemination of Environmental Information

Regional meeting on open data and e-government for the environment – countries of the Eastern Partnership
ENI SEIS East II Project

5-6 March, 2019
Kyiv, Ukraine

Georgia

Environmental Data in Georgia

Ministry of Environmental Protection and Agriculture (EIEC, NEA, NFA, APA)
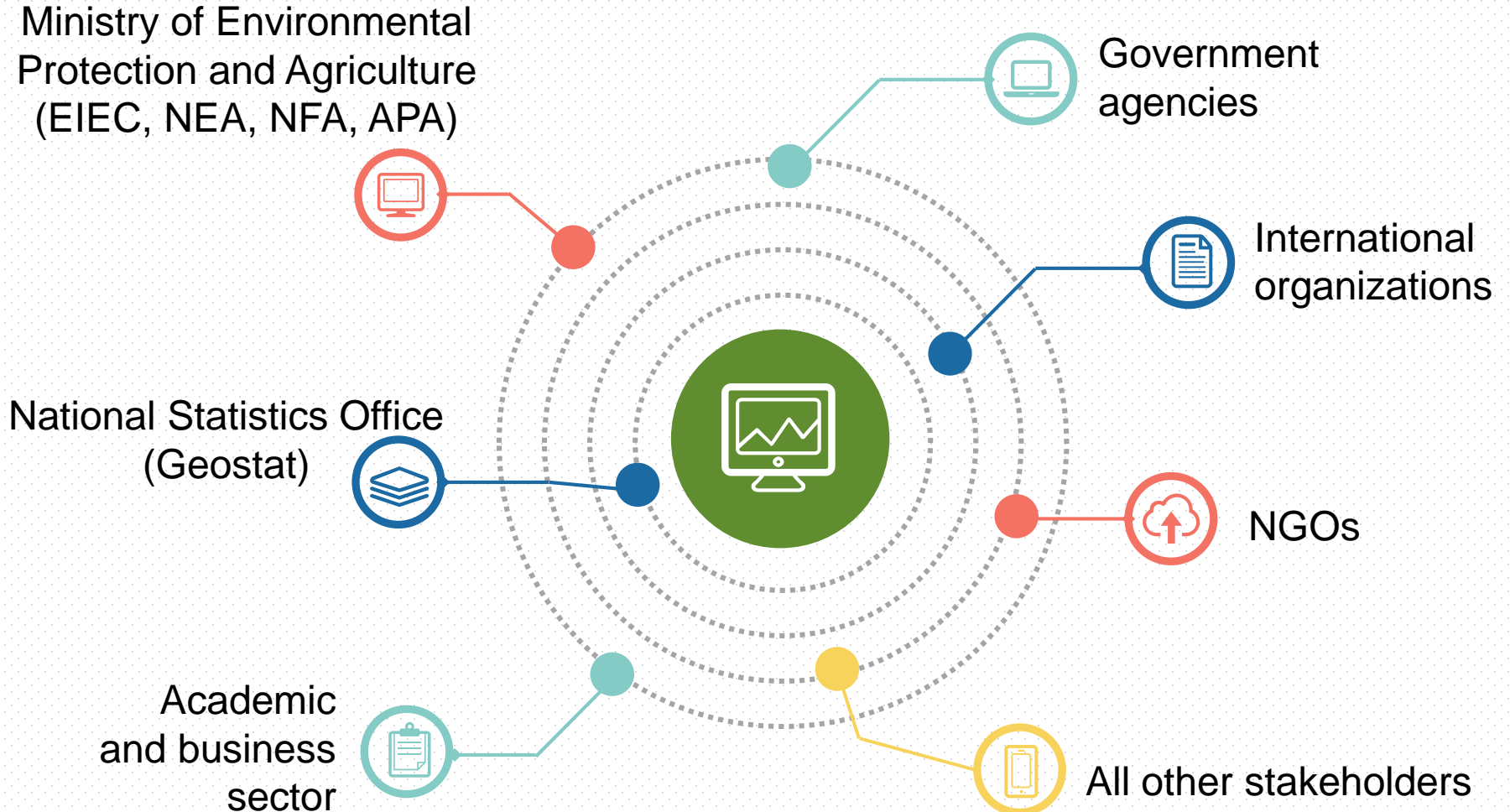
Government agencies

International organizations

National Statistics Office (Geostat)

NGOs

Academic and business sector

All other stakeholders

Environmental Information and Education Centre (EIEC)

Support Education for Sustainable Development

Public Participation in Decision-making Process

Collection and Dissemination of Environmental Information

History

2018 — + Agricultural Component

2013 — ENVIRONMENTAL INFORMATION AND EDUCATION CENTRE

2005 — Aarhus Center

Environmental Information and Education Centre (EIEC)

Education

Education for Sustainable Development
Strategy and Action Plan 2019-2023

Formal

Informal

Non-formal

Priority directions

Management and Coordination

Preschool education

General Education

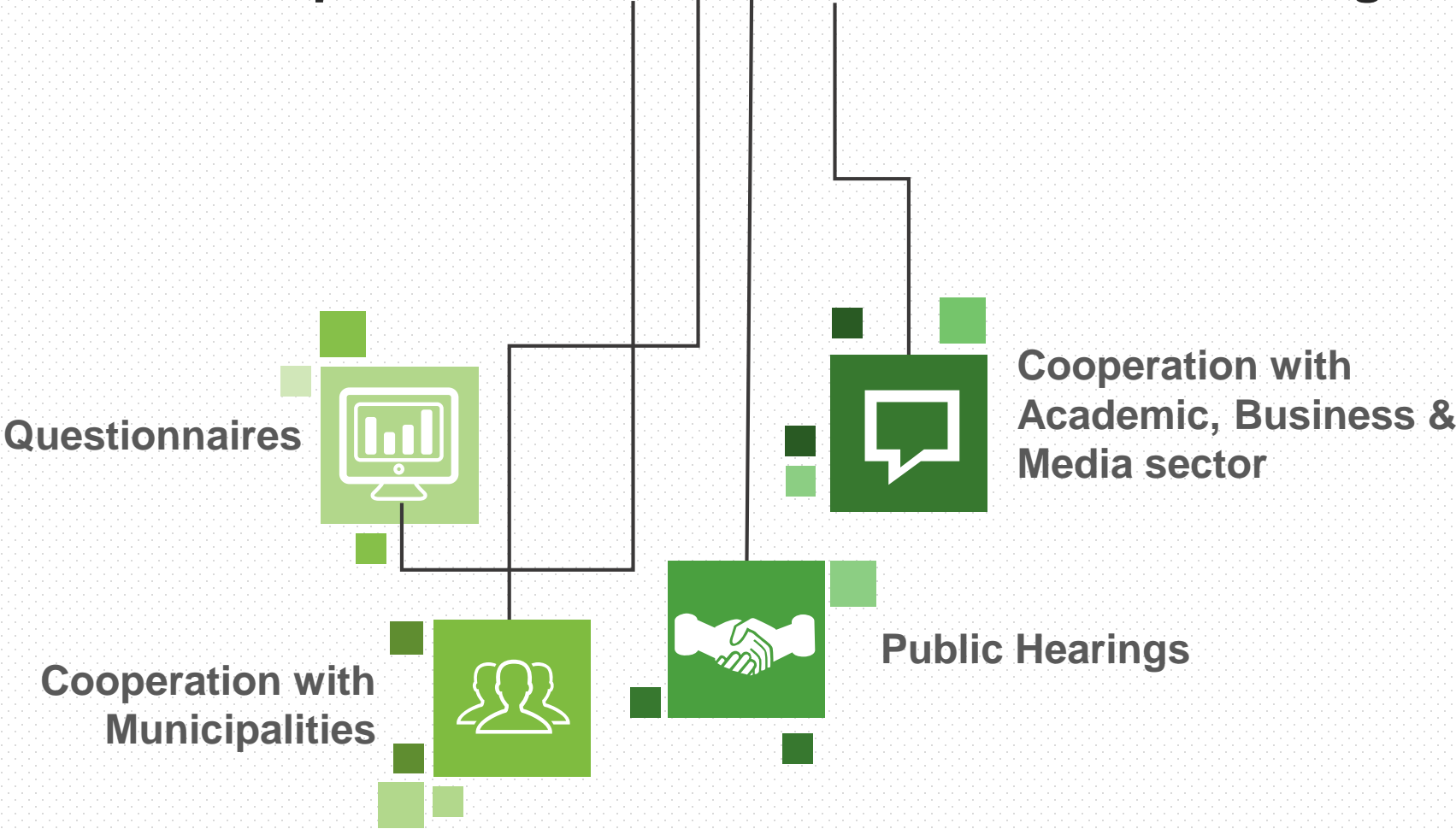**Higher education and research**

Civil service

Academic sector

Awareness raising campaigns

Public Participation in Environmental Decision-Making

Questionnaires

Cooperation with
Academic, Business &
Media sector

Cooperation with
Municipalities

Public Hearings

Collection and Dissemination of Environmental Information

Policy

❖ **Rule of Access to Environmental Information** – Draft Government Decree

❖ Interagency Coordination Council for Environmental Information Management and Monitoring

❖ Facilitate disseminating **UNECE environmental indicators**

❖ Support development of unified **environmental information systems**

Mechanisms

❖ Official web page of EIEC – eiec.gov.ge

❖ **Environmental Information and Knowledge Management System** – eims.eiec.gov.ge

❖ **Air Quality Portal** – air.gov.ge

❖ Public discussions/consultations

❖ Media

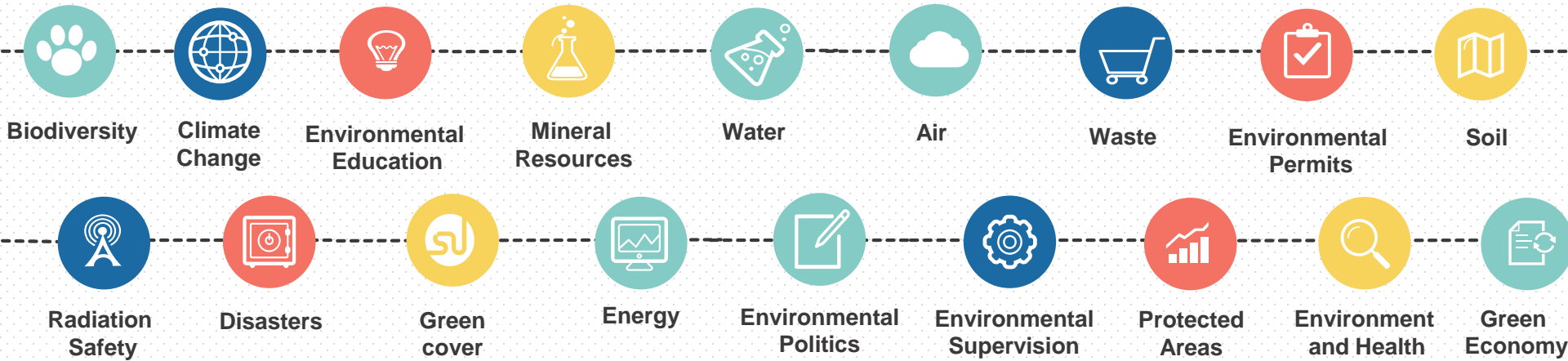Processing Visualizing Modeling Forecasting Reporting Analyzing and editing Access to information Quick response

Official Web Page – EIEC.GOV.GE

Environmental Information incorporated into 18 thematic direction

- Biodiversity
- Climate Change
- Environmental Education
- Mineral Resources
- Water
- Air
- Waste
- Environmental Permits
- Soil
- Radiation Safety
- Disasters
- Green cover
- Energy
- Environmental Politics
- Environmental Supervision
- Protected Areas
- Environment and Health
- Green Economy

EIP Map

Green Assistant

Organizations

Online services: Ask a question, subscribe

Environmental Information and Knowledge Management System

Climate Change	Biodiversity	Desertification

United Nations Framework Convention on Climate Change

Convention on Biological Diversity

United Nations Convention to Combat Desertification

➢ Easy access to various environmental information

➢ Exchange of environmental information between stakeholders

➢ Facilitation of implementation of international obligations

➢ Improved efficiency of environmental decision-making and policy-making

Assessment of Ambient Air Quality

Air Quality Portal

Ensures readily available up-to-date information on ambient air quality in user friendly way

✓ Reports

🟡 Daily	🔵 Monthly	🔴 Annual

➤ Data on emissions from different sectors by years

➤ **Map of emissions of harmful substances** in ambient air from stationary sources where the information is accessible according to different characteristics:

🟡 Reporting period	🔵 Location	🔴 Owner
🟡 Harmful substances	🔵 Type of activity	🔴 GPS coordinates

✓ Recommendations

🔵 Healthcare	🔴 How to protect air

✓ Additional Information

• Definition of Air Quality Index • Description of pollutants	• Description of monitoring network • Legislation on ambient air protection

FLUIDS

Web-based Forest Information and Decision Support (FLUIDS) System

- Data management tool

- Store, organize and integrate large amounts of forest and land-use related data from multiple sources
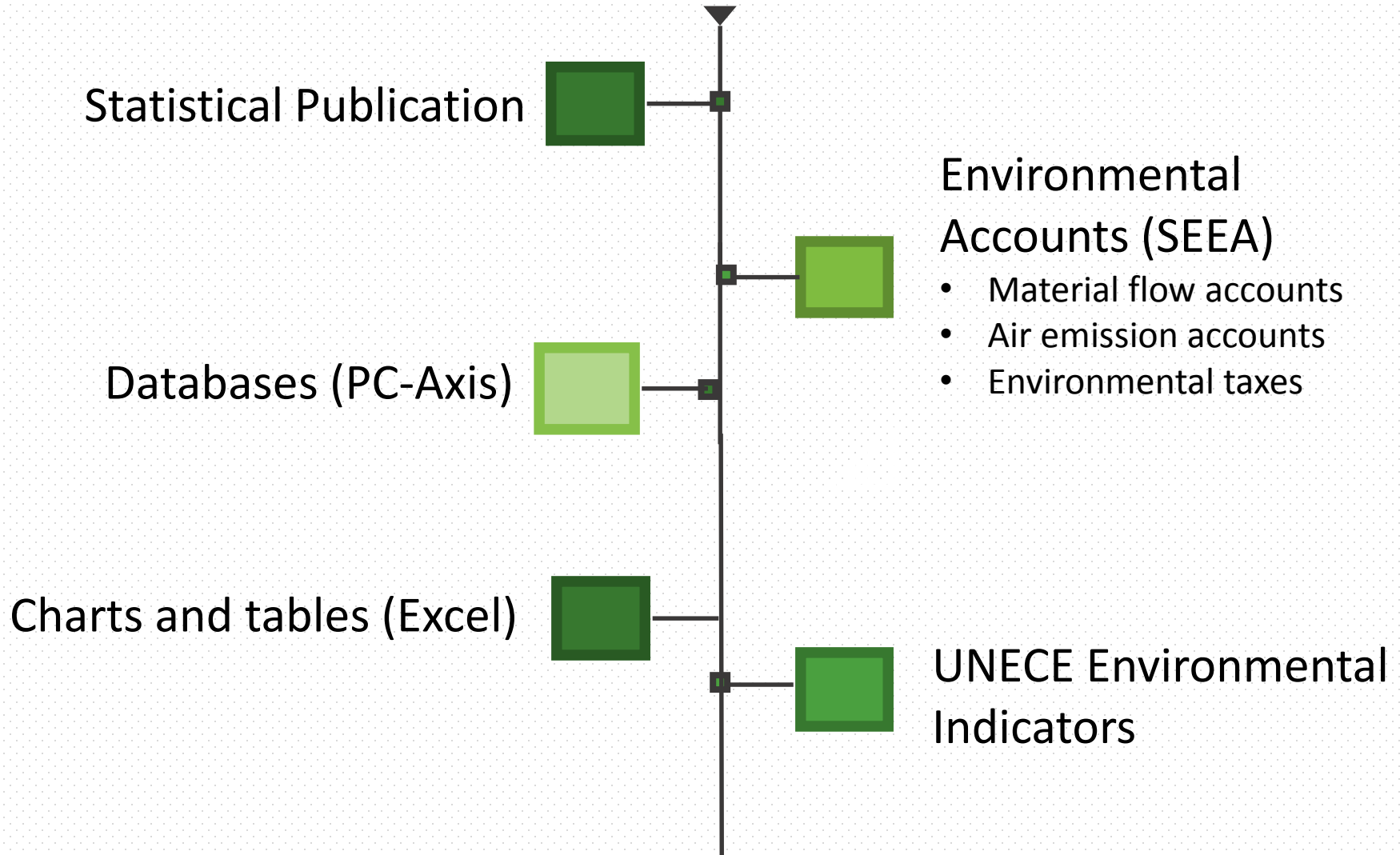
- Ability to perform required analysis

Environmental Information

Land Recourses

Forest Recourses and its Protection
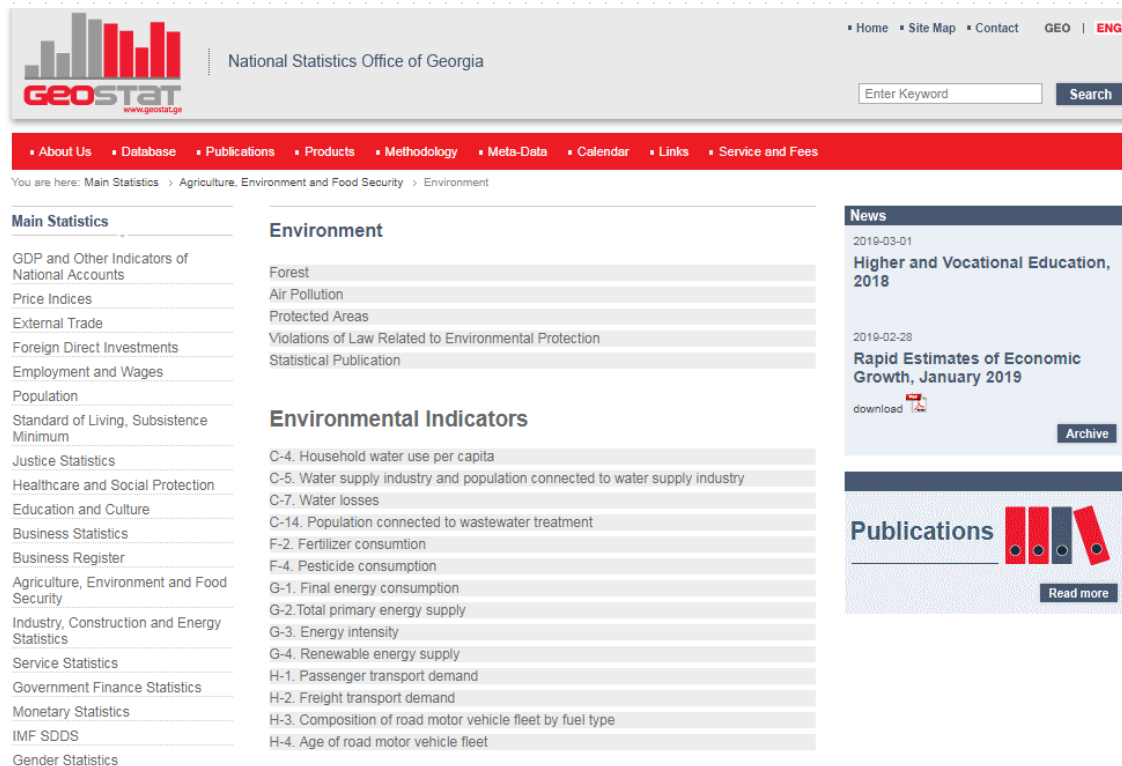
Protected Areas

Ambient Air Protection

Natural Hazards

Environmental Information

Statistical Publication

Databases (PC-Axis)

Charts and tables (Excel)

Environmental Accounts (SEEA)
- Material flow accounts
- Air emission accounts
- Environmental taxes

UNECE 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 consumption
- G-3 Energy intensity
- G-4 Renewable energy supply
- H-1 Passenger transport demand
- H-2 Freight transport demand
- H-3 Consumption of road motor vehicle fleet by fuel type
- H-4 Age of road motor vehicle fleet

National Statistics Office of Georgia

- Home
- Site Map
- Contact
- GEO | ENG

Enter Keyword   Search

- About Us
- Database
- Publications
- Products
- Methodology
- Meta-Data
- Calendar
- Links
- Service and Fees

You are here: Main Statistics > Agriculture, Environment and Food Security > Environment

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

Environment

Forest
Air Pollution
Protected Areas
Violations of Law Related to Environmental Protection
Statistical Publication

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

2019-03-01
Higher and Vocational Education, 2018

2019-02-28
Rapid Estimates of Economic Growth, January 2019
download

Archive

Publications

Read more

Electronic Systems

Waste Management System

Water Reporting System

Natural Resources Management System

Advertisement
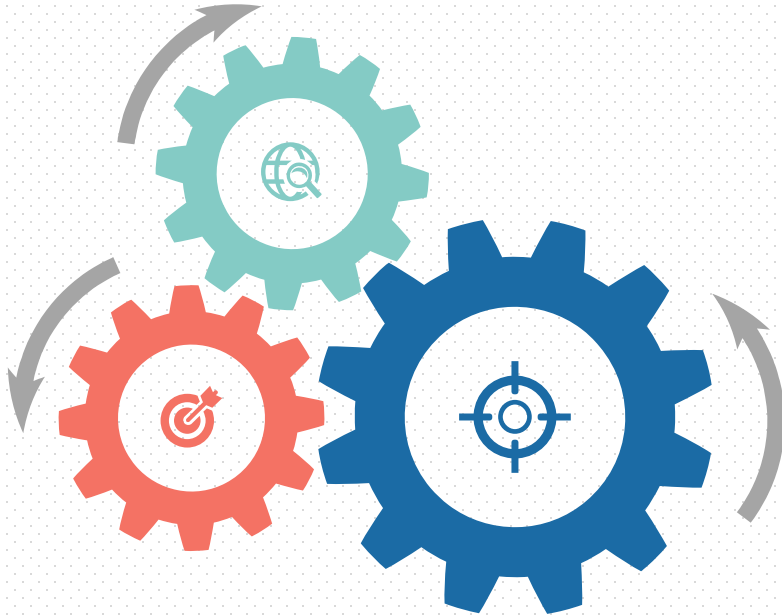
News

Campaigns

Video

Printed Materials

Social

Broadcast

Print

Media Activity

Challenges

- Integration with sources
- Data standardization
- Qualified employees
- Develop new modules
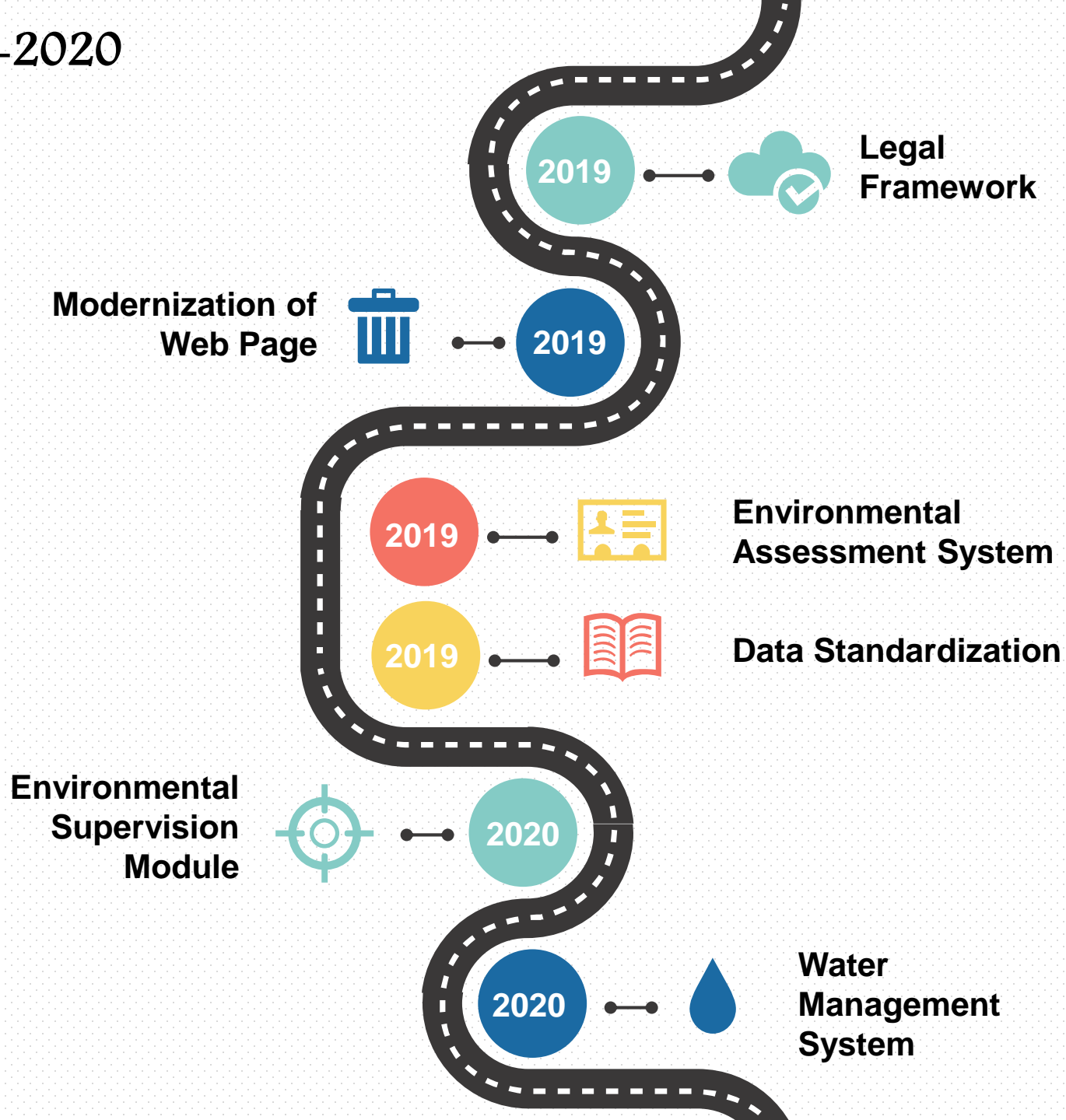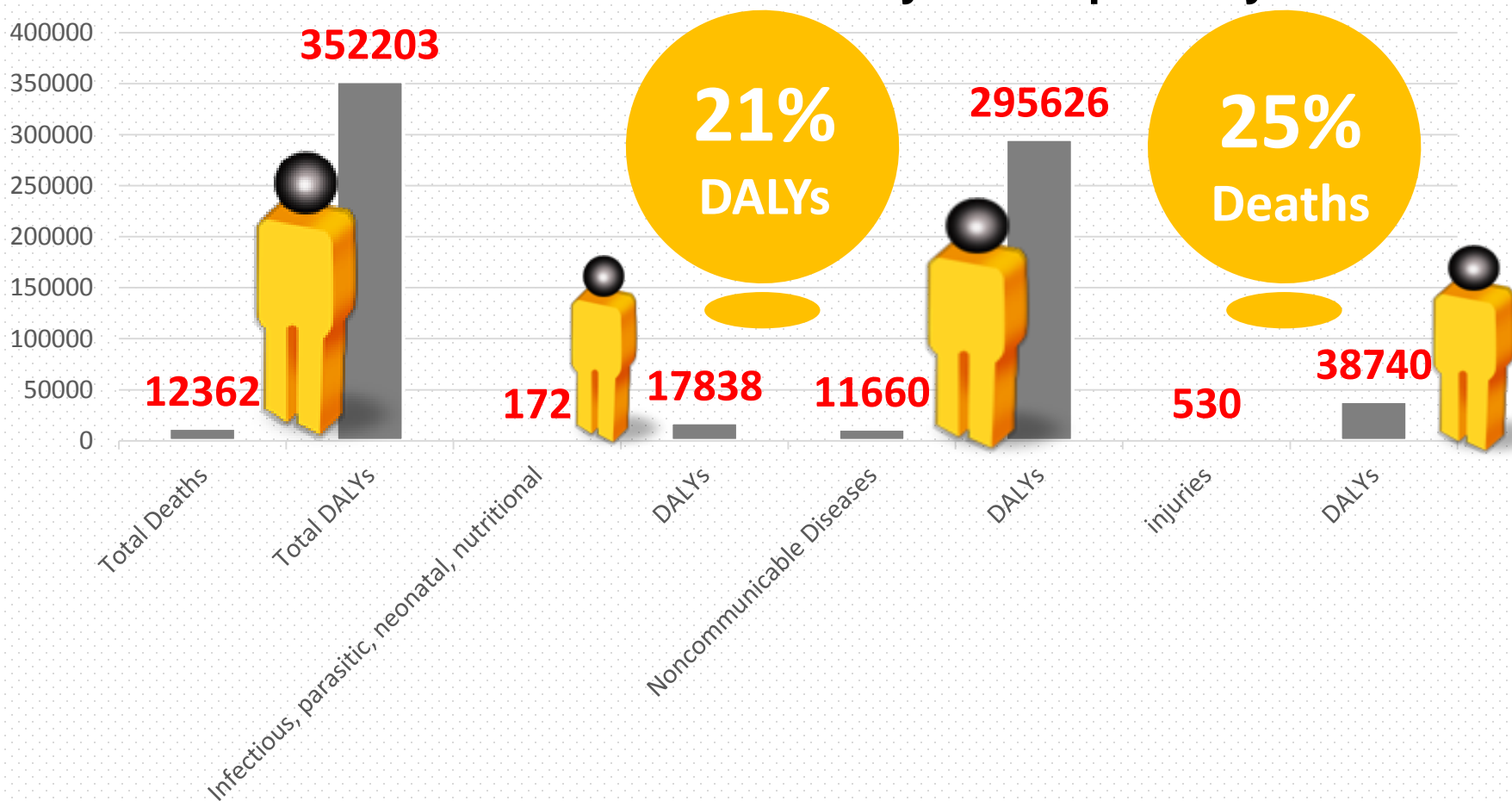- Digitization of historical data
- Legal mechanisms

2019–2020

2019 — Legal Framework

Modernization of Web Page — **2019**

2019 — Environmental Assessment System

2019 — Data Standardization

Environmental Supervision Module — **2020**

2020 — Water Management System

Georgia. 2012. Disease Burden and Deaths Attributable to the environment
Source: WHO Global Health Observatory data repository

- 352203
- 12362
- 21% DALYs
- 295626
- 25% Deaths
- 172
- 17838
- 11660
- 38740
- 530

Chart categories: Total Deaths, Total DALYs, Infectious, parasitic, neonatal, nutritional, DALYs, Noncommunicable Diseases, DALYs, injuries, DALYs

Air Pollution and Health
SDG indicator 3.9.1.: Mortality rate attributed to household and ambient air pollution. Georgia.2016

6845 Deaths

3489   3356

Cause	Total	Male	Female
Lower respiratory infections	14	7	7
Trachea, bronchus, lung cancers	259	205	54
Ischemic heart disease	4092	2086	2006
Stroke	1886	884	1002
COPD	595	288	307
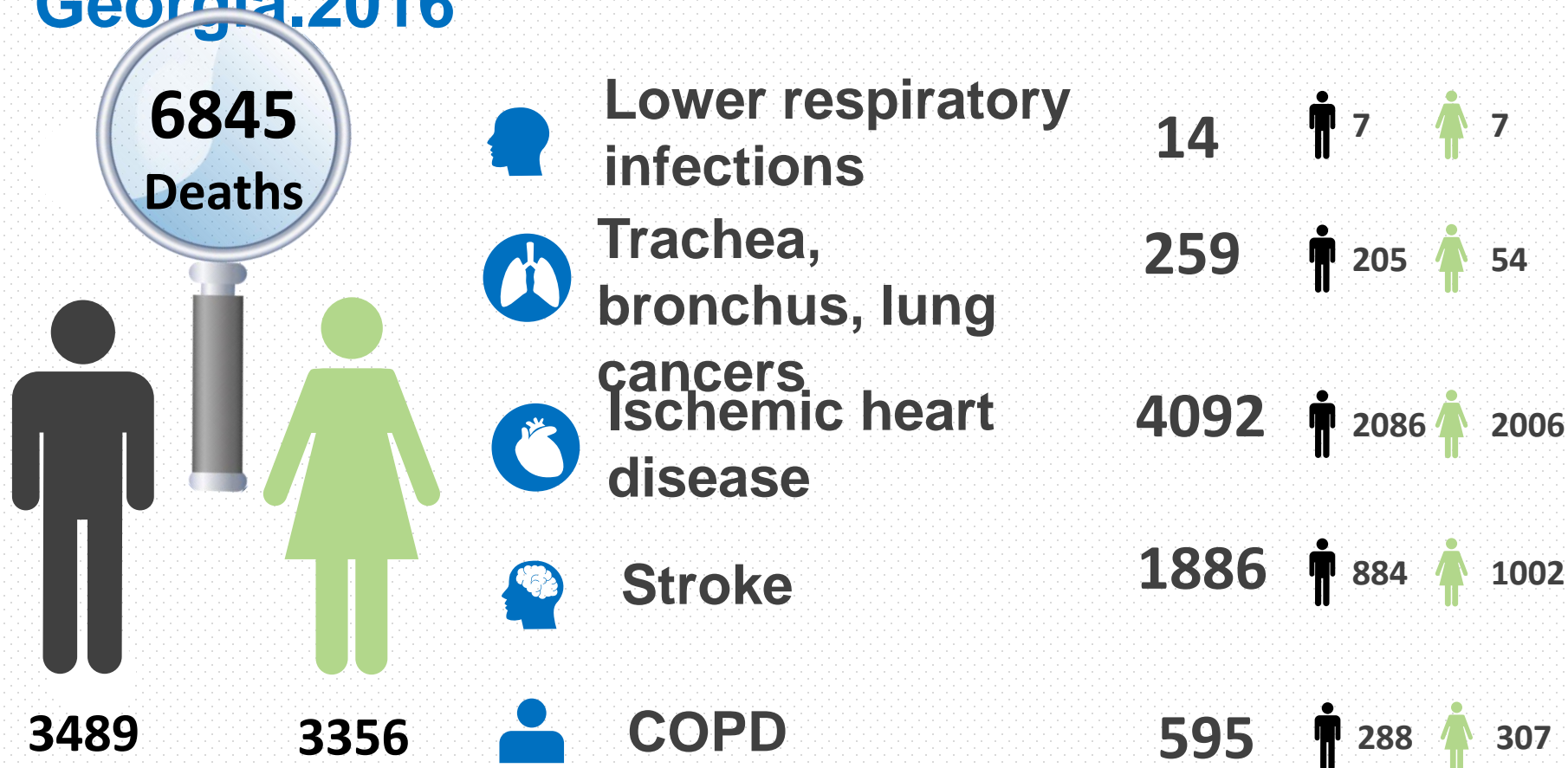
Source: WHO World Health Statistics 2016

ევროკავშირი
საქართველოსთვის
The European Union for Georgia

GENHE

Component 1
To strengthen the legal framework on environmental health in Georgia through approximation with European requirements

Component 2
Strengthening of Institutional Capacity of Environment and Health Unit under the NCDC&PH

Component 3:
Implementation of the National Environmental Health Action Plan (NEHAP) in line with the roadmap for EU approximation

Component 4:
Strengthening of Capacities of Existing Environmental Health Human Resources

☑ WATER ☑ AIR ☑ CHEMICALS

Secretariat - NCDC
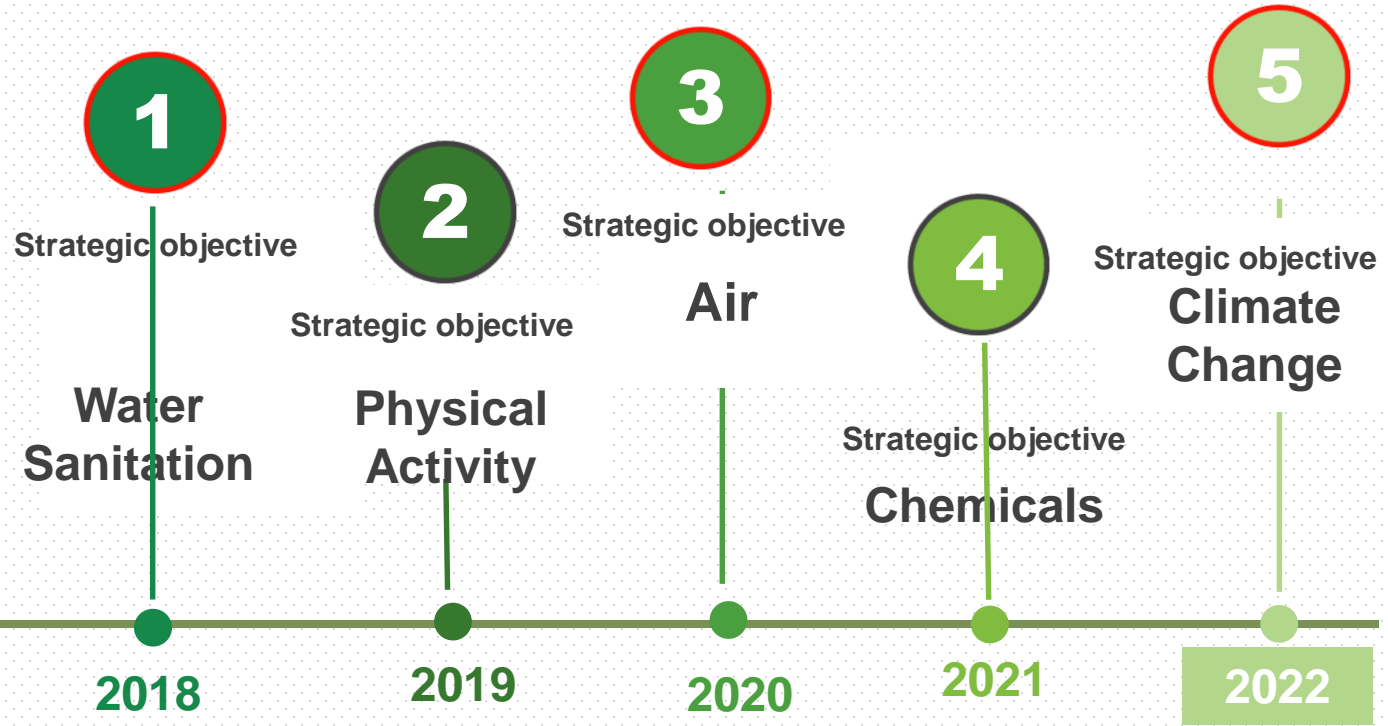
National Environmental Health Action Plan
# Adopted by the Government of Georgia in December 2018

1. **Establishment of National Coordination council**
2. **Activation of Coordination and Monitoring Mechanism**
3. **Annual Reporting and Evaluation**
4. **Assessment of Effectiveness**

1

Strategic objective

Water Sanitation

2018

2

Strategic objective

Physical Activity

2019

3

Strategic objective

Air

2020

4

Strategic objective

Chemicals

2021

5

Strategic objective

Climate Change

2022

Environmental Public Health Tracking Project

1) **Waterborne diseases and WASH in Child Care and Educational facilities;**

2) **Surveillance of Lead Poisoning in Children/Lead Biomonitoring;**
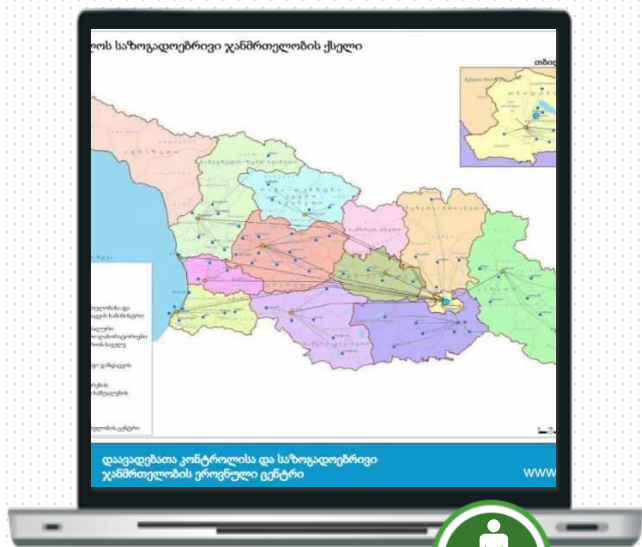
Public Health Regional Centers

EPHT Steering Committee

National Center for Disease Control and Public Health

3) **Urban Air Pollution impact on health**
        (Mortality and Emergency Visits);
4) **Carbon Monoxide Poisoning – Deaths and serious injuries**

Sharing and Dissemination of Environmental Information

Regional meeting on open data and e-government for the environment – countries of the Eastern Partnership
ENI SEIS East II Project

5-6 March, 2019
Kyiv, Ukraine

Georgia