



Sharing and Dissemination of Environmental Information

*National Roundtable on Open Data and
E-government for the Environment in Georgia*

13 June, 2019

Environmental Information and Education Centre (EIEC)



Support Education for Sustainable Development



Public Participation in Decision-making Process



Collection and Dissemination of Information and implementation of unified IT policy

History

2018



+ Agricultural Component and IT

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

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



Collection and Dissemination of Environmental Information

Policy

- ❖ Implementation of **Aarhus Convention**
- ❖ **Rule of Access to Environmental Information** – Draft Government Decree
- ❖ Facilitate disseminating **UNECE environmental indicators**
- ❖ Support development of **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

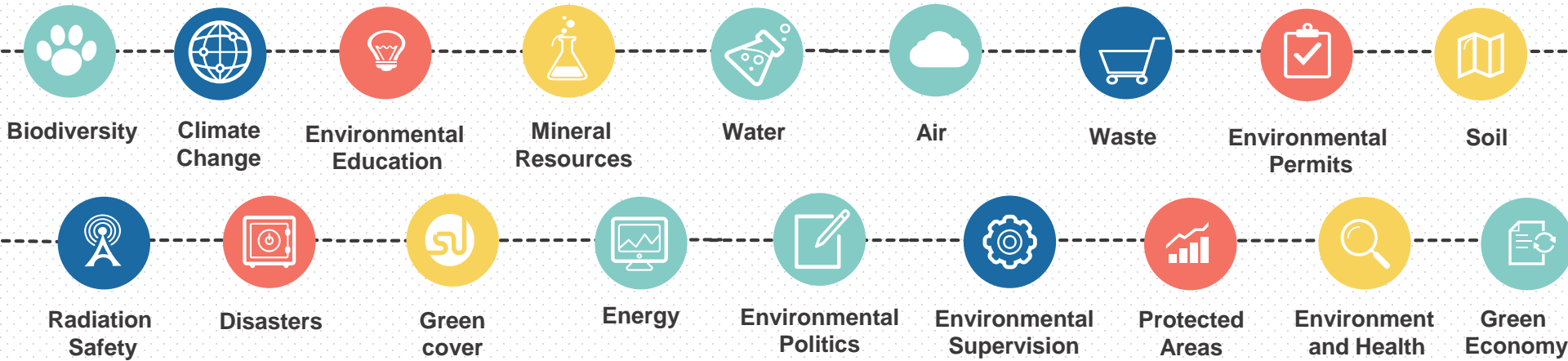
Analyzing and editing

Access to information

Quick response

Official Web Page – EIEC.GOV.GE

Environmental Information incorporated into 18 thematic direction



EIP Map



Green Assistant



Organizations



Online services:
Ask a question,
subscribe

Environmental Information and Knowledge Management System

Climate Change



Biodiversity



Convention on
Biological Diversity

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

Air Quality Portal

Assessment of Ambient Air Quality

2012 2013 2015 2016 2017 2018 2019 2020

-  Mobile station
-  Country Background monitoring station
-  Automatic station
-  Non-automatic station
-  Indicative measurements
-  Planned station



Pollutants

- TSP
- NO₂
- SO₂
- CO
- O₃
- Pb
- As
- Cd
- Ni
- PM₁₀
- PM_{2.5}
- C₆H₆

Air Quality Portal

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

✓ Reports

Daily

Monthly

Annual

✓ Recommendations

Healthcare

How to protect air

✓ 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

✓ Additional Information

- Definition of Air Quality Index
- Description of pollutants

- Description of monitoring network
- Legislation on ambient air protection

Electronic Systems



Waste Management System

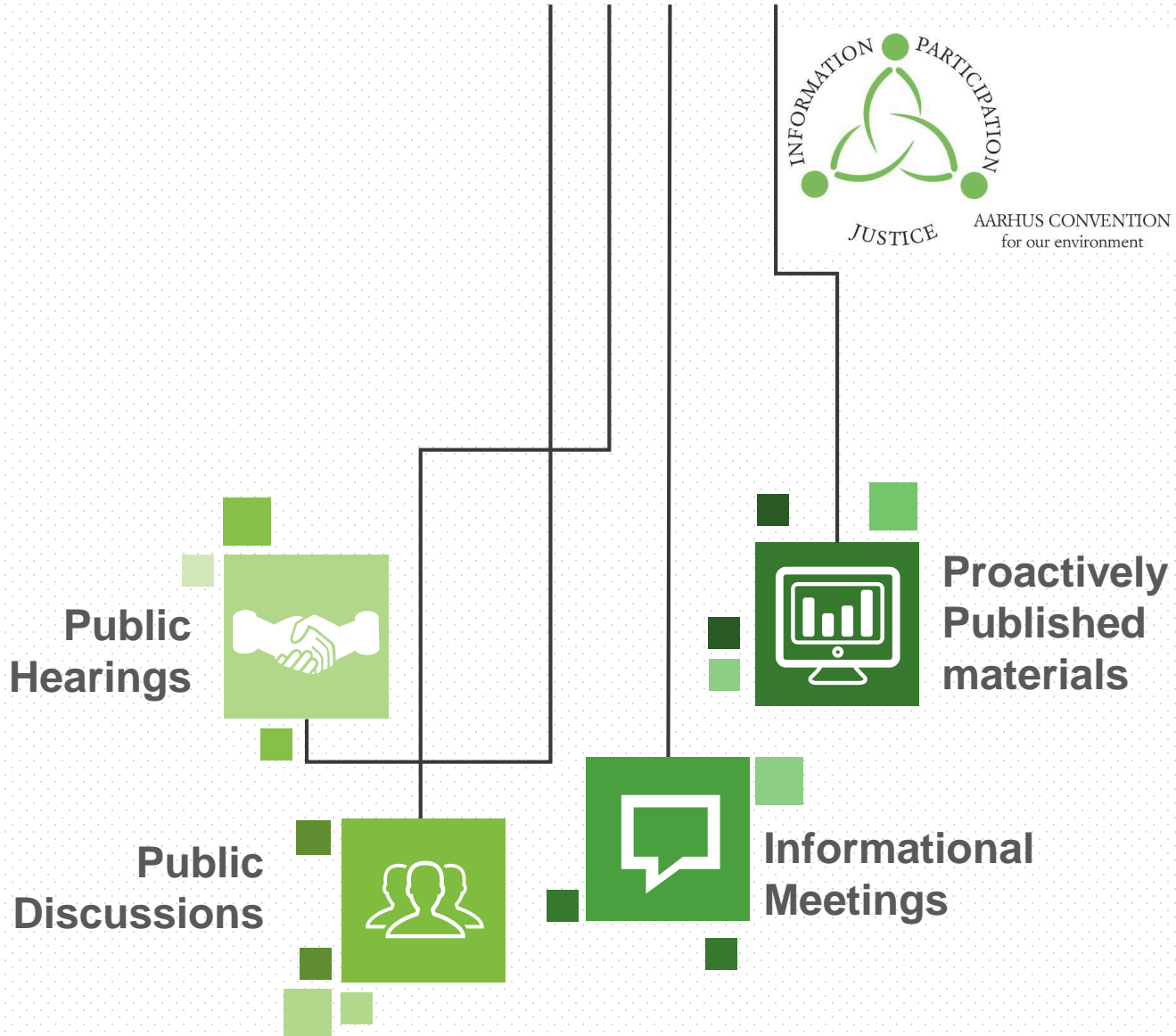


Water Reporting System



Natural Resources Management System

Public Participation in Environmental Decision-Making





Social

Broadcast

Print

Media Activity

Challenges



Integration with sources



Data standardization



Qualified employees



Develop new modules

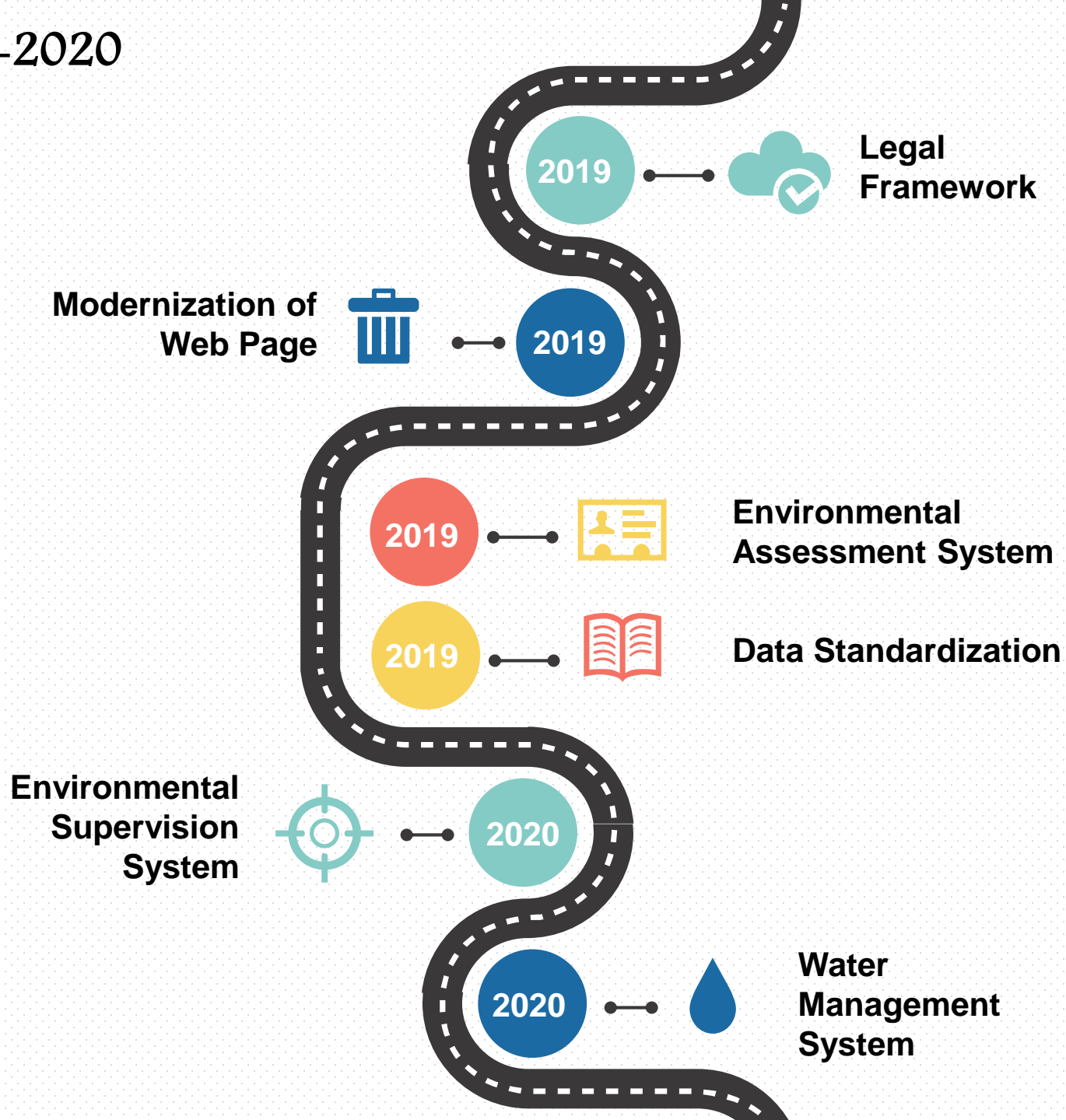


Digitization of historical data



Legal mechanisms

2019-2020





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