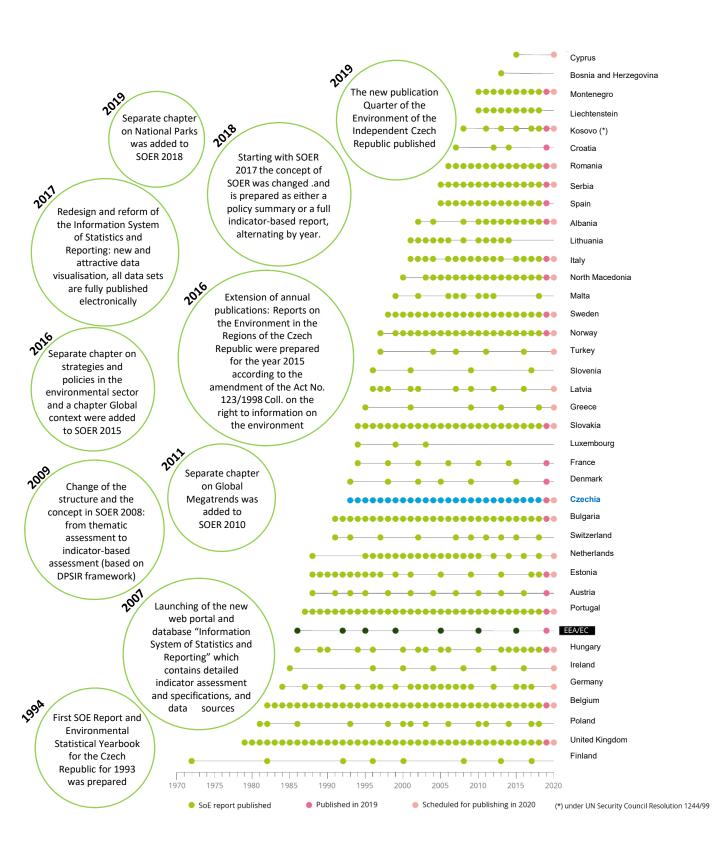
# **CZECHIA**

#### STATE OF THE ENVIRONMENT REPORTING





### State of the environment tools and building blocks

#### Data from

- · Environmental monitoring
- · Databases and Registers
- · Geospatial Data
- products: State of the Environment Report, Environmental Statistical Yearbook of the Czech Republic
- Reports on the Environment in the Regions of the Czech Republic



### Indicators showing environmental

- · Driving forces
- **P**ressures
- States
- Impacts





### Scoreboards giving insight in

- Environmental trends
- Policy progress



### Assessments providing knowledge on

- · State and past trends
- Trends and outlooks
- Systemic challenges and responses



## Foresight processes providing insights from

- Global megatrends
- Emerging trends
- Weak signals

#### Sectors

Themes

· State of the Environment

· Environment and Health

· Strategies and Policies

Chapters often included:

· Global context

· Impact of Economy on the Environment

· Public expenditure on environmental protection

· Air quality in terms of human health protection

Environmental Protection Funding

- Forestry
- Agriculture
- Industry
- EnergyTransport
- Waste

#### Chapters often included:

- Responsible forest management
- · Organic farming
- · Electricity and heat generation
- · Emissions from transport
- · Total waste generation

#### Systems and Sustainability transitions

#### Effective indicators and evidence base

- Current and long term themes
- Monitoring the implementation of the State Environmental Policy and National Action Plan on Adaptation to Climate Change
- · Efforts to link up with policy making
- · New data sources: remote sensing
- Connection to other products: Reports on the Environment in the Regions of the Czech Republic, Environmental Statistical Yearbook of the Czech Republic

#### Open and accessible knowledge

- Connection to the online data visualisation of the SOER: Information System of Statistics and Reporting (ISSaR)
- Innovative communication (infographic press kit)

#### Innovative sustainability assessments

- · Cross-cutting assessments
- · Synthetic report for policy makers
- Decision making support
- GIS and DPZ analysis
- · Map of the strategic documents

Advances in national state of the environment reporting

### State of the Environment Reporting in Czechia

#### The framework

The first Czech SOER was drawn up for the year 1993. Czech SOER is prepared and published every year on the basis of Act No. 123/1998 Coll., on the right to information on the environment, as amended, and the respective Government Resolution, and submitted for approval to the Government of the Czech Republic and subsequently submitted to the Parliament of the Czech Republic for information. Czech SOER is published along with the Environmental Statistical Yearbook of the Czech Republic and Reports on the Environment in the Regions of the Czech Republic.

#### The landscape

Czech SOER for the years 1993–2007 was a descriptive assessment without deeper analyses with no reflection of the State Environmental Policy. In 2009, for the SOER 2008, the concept and structure of Czech SOER were changed. Since then Czech SOER is indicator-based assessment following the DPSIR chain, addresses the State of the Environmental Policy of the Czech Republic, providing conclusions relevant to policy-making. Czech SOER is made up of thematic units that cover the environmental themes, environmental components and economic factors that affect the state of the environment. These thematic units are further broken down to individual indicators.

Czech SOER is continuously extended to include other relevant chapters related to the environment and sustainable development. The thematic units, indicators and other chapters are therefore not static, but are constantly being adapted to environmental issues, adopted strategic and legislative targets, stakeholders' requirements and the availability of the source data sets.

Starting with SOER 2017 the concept of SOER was changed and is prepared as a policy summary one year and as a full report the next year with respect to policy and strategic planning.

Data used in the Czech SOER are regularly published and updated on the web portal of the Information System of Statistics and Reporting (<a href="https://issar.cenia.cz/en/">https://issar.cenia.cz/en/</a>), which was established in 2007 and redesigned in 2017.

#### Environmental challenges and future ambitions

With regard to the indicated milestones there are several challenges stated in the Czech Republic, among the most important are:

- Improvement of ambient air quality
- Adaptation to climate change, especially drought, and decreasing the vulnerability of the Czech Republic (mainly, but not only regarding drought)
- Transition towards a circular economy.

**Source:** CENIA, Czech Environmental Information Agency (CENIA), Ministry of the Environment of the Czech Republic (MoE)