

**Eighteenth session**

18 – 19 October 2021

Palais des Nations, Geneva

Joint Task Force on Environmental Statistics and Indicators

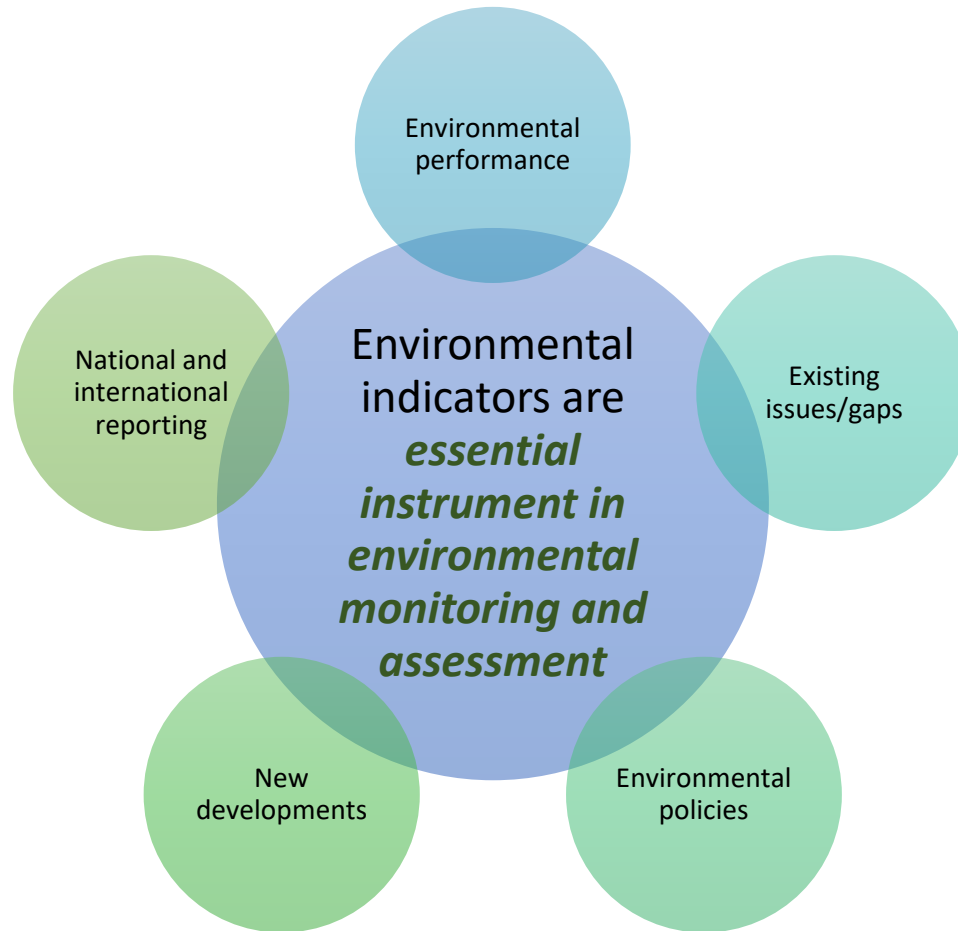
Agenda item 5: Ongoing developments with relevance for the work of the Joint Task Force

Development of training materials on the Revised UNECE Guidelines on Application of Environmental Indicators

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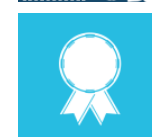


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The current ***ECE Guidelines for the Application of environmental indicators*** consists of 164 environmental indicators. It is aligned with FDES to the maximum extent possible.

The UNECE Revised Guidelines is the crucial instrument for the countries to maintain the sound quality of reporting while meeting international requirements and standards.



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Training objectives

- Address the importance of data disaggregation
- Provide audience with better understanding of UNECE environmental indicators and environmental indicators in general
- Explain how environmental indicators are formed



Target audience

- Government officials and civil servants (Environment, Statistics or other related fields)
- Interested members of the public



Learning objectives

- You will be able to evaluate the operation of already existing environmental information systems in your country
- You will be able to understand the processes that are necessary to develop a new environmental indicator



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Structure of the training (GSBPM structure)

Specify needs

Design

Build

Collect

Process

Analyse

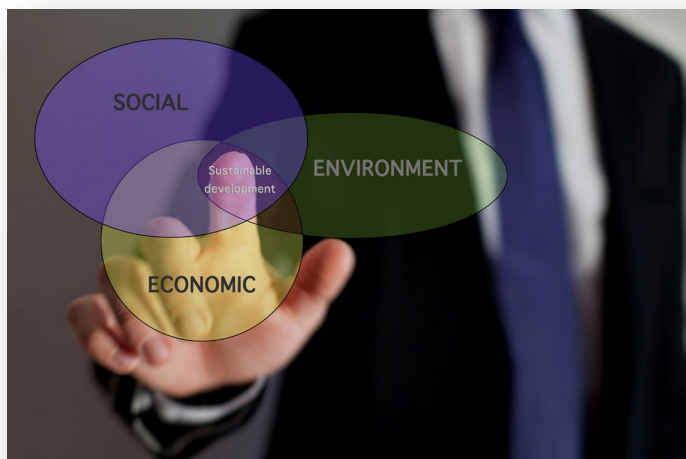
Disseminate

Evaluate





Specify needs: *which indicator to use and for what purposes*



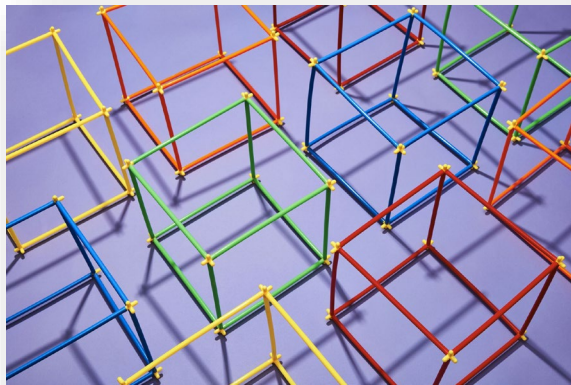
Elements to be considered in this part:

- **Environmental policy**
- **International conventions**
- **Different indicator schemes**





Design: *the form of indicators and data format*



Elements to be considered in this part:

- **Data format**
- **Geographic Information Systems**
- **Metadata**



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Build: *attributes of the information system that will support the development of the indicator*



Elements to be considered in this part:

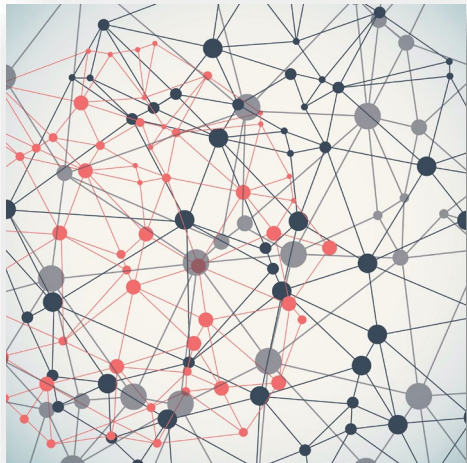
- **Database**
- **Geographic Information Systems**



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Collect: *identifying different types of environmental data (qualitative and quantitative) and how these data can be used to produce environmental indicators*



Elements to be considered in this part:

- **Method for the collection of the data**
- **Definition of the method for the input of the data to the data storage**



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Process: *environment statistics are transformed into meaningful environmental data*



Elements to be considered in this part:

- **Data validation**
- **Software tool to calculate the indicator value**



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Analyse: *the analysis of the processed environmental statistics*



Elements to be considered in this
part:

- **Reporting methods**
- **Reporting tools**



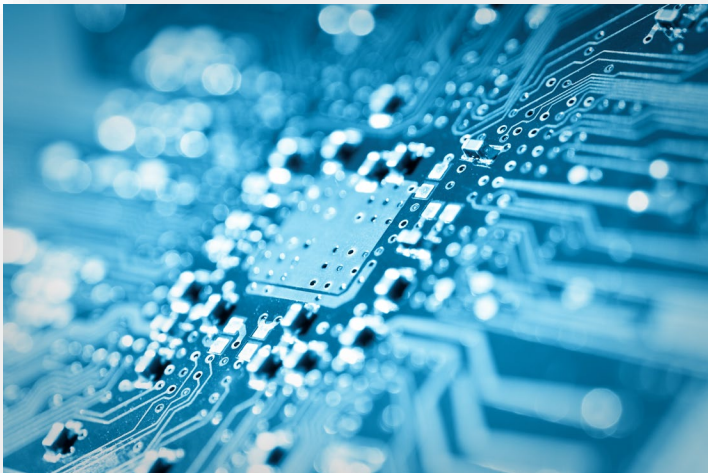
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Disseminate: *environmental data dissemination is a crucial for environmental monitoring and assessment*

Elements to be considered in this part:

- **Levels of access to information**
- **Use of indicator values to produce State of the environment Reports**



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Evaluate:
*environmental
indicators as a
tool for
environmental
trends evaluation*





Knowledge-sharing platform – UNDA project (realise date: end of the year)

Health-relevant air quality data informing policy and public

Towards clean, renewable and efficient energy

Waste management Indicators and Policies

Freshwater management indicators and policies

Informing biodiversity restoration policies

Circular economy: Measuring and monitoring the circular economy

Other project materials

e-learning course

Key resources on SDG



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Thank you!

