



# OECD work on environmental indicators

## Ongoing developments

- A. Information for a resource efficient and circular economy
- B. Measurement of fossil fuel subsidies
- B. International Programme for Action on Climate

Myriam Linster, OECD

Eighteenth session of the Joint Task Force on Environmental Statistics and Indicators, Geneva, 18-19 October 2021



# INFORMATION FOR A RESOURCE EFFICIENT AND CIRCULAR ECONOMY

## Objective:

Improving the information base for monitoring progress  
towards a resource efficient and circular economy

## Building on experience with:

- Data, indicators and accounts
- Policy work on waste, materials, resource productivity and the circular economy

Working Party on Environmental Information  
Working Party on Resource Productivity and Waste





# Information for a resource efficient and circular economy (2021-2022)

## Two pillars

### Harmonised framework

for monitoring progress and supporting policy development and evaluation

#### Stocktaking

#### Conceptual monitoring framework

quantitative, qualitative aspects

#### Harmonised set of indicators

### Guidance

on how to produce, use and communicate CE information

#### Good practices

#### How to mobilise underlying data

How to link datasets (SEEA)

How to use, interpret and communicate CE information and indicators

*OECD Expert group on a New Generation of Information for a Resource Efficient and Circular Economy (RECE-XG)*



*UNECE Task Force on Measuring the Circular Economy*

→ Guide on measuring the circular economy



# DATA AND INDICATORS ON FOSSIL FUEL SUBSIDIES

## Objective:

Help advance the **measurement** of fossil fuel subsidies and ensure **international coherence** in reporting

## Building on experience with:

- OECD Inventory
- SDG indicator 12.c.1

*Working Party on Environmental Information  
Joint Meeting of Tax and Environment Experts  
Joint Working Party on Trade and Environment*





# Measuring fossil fuel subsidies – Tasks and objectives

## Advise on the measurement of national FFS data

building on: SDG methodological guide, OECD Inventory, the SEEA

- Take stock of data sources, measurement methods, institutional arrangements, good practices.
- Compare national and international data; review differences.
- Propose ways to co-operate in measurement
- Develop guidance on measurement and reporting

## Facilitate the international harmonisation of FFS data

- Review terms & definitions
- Advise on measurement methods
- Advise on the communication and interpretation of FFS indicators.
- Advise on the use of international benchmarks (e.g. a reference carbon price) to estimate tax expenditure

*OECD Informal Task Team on Measuring Fossil Fuel Subsidies (ITT-FFS)*



*UN Environment work on SDG indicator 12.c.1*



# IPAC

# INTERNATIONAL PROGRAMME FOR ACTION ON CLIMATE

**Launched at the OECD Ministerial Council Meeting in May 2021**

## **Objective**

- Support countries' efforts to progress towards net-zero GHG emissions and a more resilient economy by 2050
- Help countries strengthen and coordinate their climate action through regular monitoring, policy evaluation and feedback on results and good practices
- Complement and support the UNFCCC and Paris Agreement

**Provides fact-based operational tools with policy advice, and indicators as a cornerstone**





# IPAC components

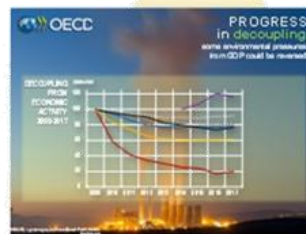


## IPAC Technical Expert Group

Advising on:

- Conceptual framework
- Selection of indicators
- Use & interpretation of indicators
- Measurement priorities

### Annual CLIMATE ACTION MONITOR



- Progress towards
  - ✓ National and Regional climate policy goals
  - ✓ NDCs
  - ✓ NAPs
  - ✓ LTS

### DASHBOARD

of climate-related indicators



### COUNTRY NOTES



- Environmental Performance Reviews
- Policy advice
- Examples of good practices
- Economic surveys
- In-depth energy reviews



online interactive platform for  
**DIALOGUE & MUTUAL LEARNING**  
across countries



# IPAC indicators – Foundations and architecture



**OECD data repository for climate action:** OECD, IEA, ITF, NEA statistical databases, accounts, indicators



Environment at a Glance

Core Set of Environmental Indicators

Key  
Environmental  
Indicators

Sectoral Environmental indicators

Green Growth indicators

GG  
Headline  
Indicators

UN climate indicators  
UNECE, UNSD, SDG

Other international indicators and monitoring processes: IMF, UNFCCC, ...

Information on policies,  
objectives, good practices

Country specific indicators



OECD Set  
of Climate-Related  
Indicators

----

Core indicators  
Complementary  
indicators



IPAC  
DASHBOARD





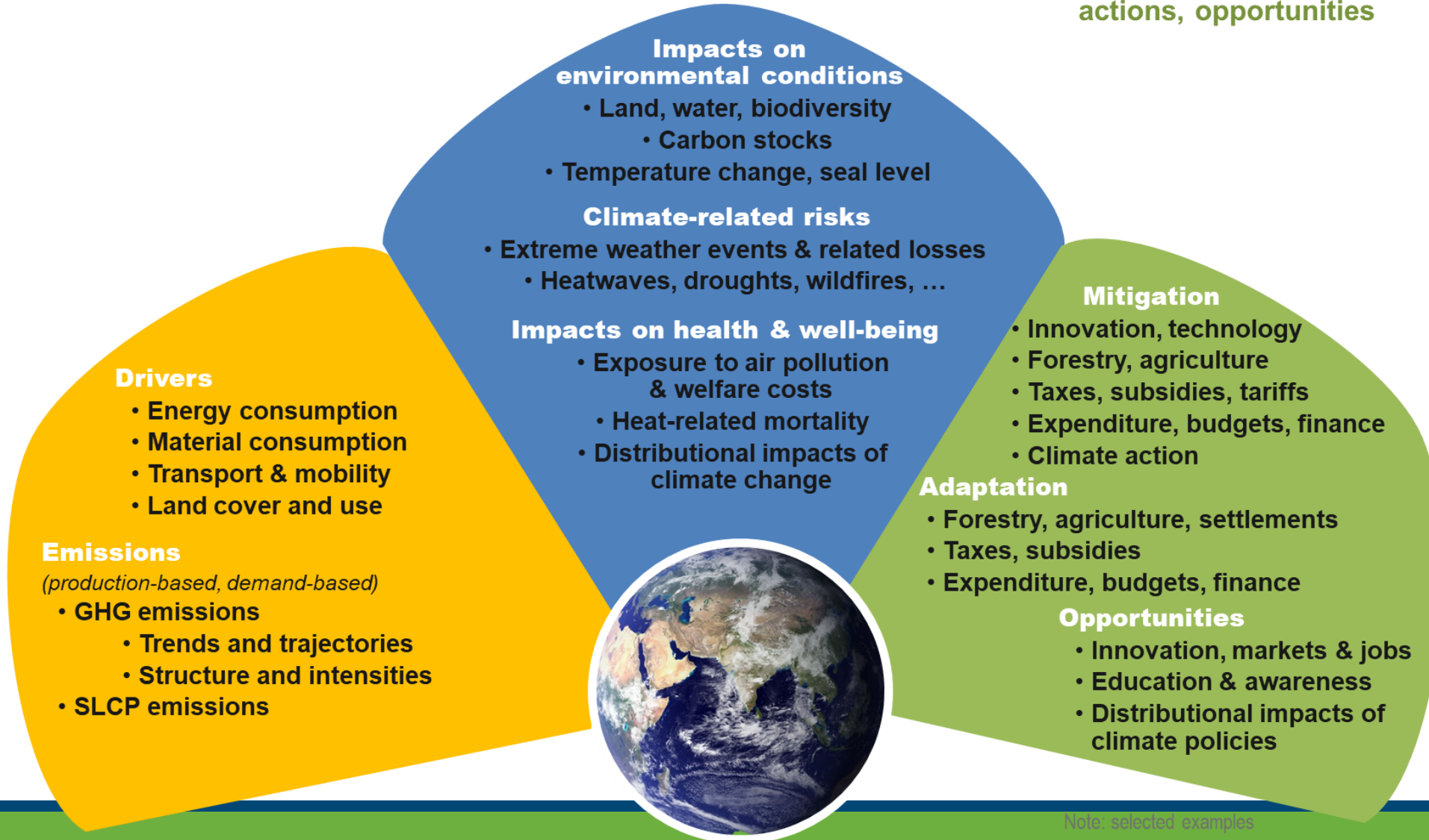


# IPAC conceptual measurement framework

**Pressure**  
Drivers & emissions

**State**  
Impacts & risks

**Response**  
Policy responses,  
actions, opportunities



Coherent with UN frameworks for

- Climate change related statistics and indicators (UNECE)
- Global Set of Climate Change Statistics and Indicators (UNSD)

Note: selected examples

Note: selected examples



# Preliminary IPAC Dashboard (launched on 6 October)



## » Emissions

- GHG emissions trends & trajectories
  - General trends
  - Distance to targets & Net-zero trajectories
- GHG emission structure & intensities
  - GHG emission structure
  - GHG emission intensities
  - Energy-related CO2 emission intensities (production-based, demand-based)

## » Impacts and risks

- Weather related impacts
- Extreme events
- Inequalities in exposure to climate risks

## » Actions and opportunities

- Move towards non-fossil energy sources: energy mix
- Use of carbon pricing and climate related taxation: Effective carbon rates; climate-related tax revenue
- Climate policy action index
- Placeholder for: adaptation measures; labour markets; budgets, expenditure & finance

Around 10-15 key indicators derived from broader set

- Provide an overview of countries' progress and trajectories towards carbon neutrality
- Inform the annual Climate Action Monitor
- Linked to benchmarks and targets when possible (Nationally-Determined Contributions (NDCs); Long-term Strategies (LTS) for emissions)



**Thank you!**