

REGIONAL TRAINING ON MODEL-BASED INTEGRATED ENERGY AND CLIMATE ANALYSES

Almaty, 24 September 2024

Reporting the progress of National energy and climate plan

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Reporting requirements in governance regulation

Section 1

Biennial progress reports and their follow up

Article 17

Integrated national energy and climate progress reports

1. Without prejudice to Article 26, **by 15 March 2023**, and every two years thereafter, each Member State shall report to the EC on the status of implementation of its integrated national energy and climate plan by means of an integrated national energy and climate progress report **covering all five dimensions of the Energy Union**



Dimension Internal energy market



Dimension Decarbonization



Dimension Research, innovation and competitiveness



Dimension Energy security



Dimension Energy efficiency

REPORTING TEMPLATES IN REGULATION 2022/2299

II

(Non-legislative acts)

REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2022/2299

of 15 November 2022

laying down rules for the application of Regulation (EU) 2018/1999 of the European Parliament and of the Council as regards the structure, format, technical details and process for the integrated national energy and climate progress reports

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2018/1999 of the European Parliament and of the Council of 11 December 2018 on the Governance of the Energy Union and Climate Action, amending Regulations (EC) No 663/2009 and (EC) No 715/2009 of the European Parliament and of the Council, Directives 94/22/EC, 98/70/EC, 2009/31/EC, 2009/73/EC, 2010/31/EU, 2012/27/EU and 2013/30/EU of the European Parliament and of the Council, Council Directives 2009/119/EC and (EU) 2015/652 and repealing Regulation (EU) No 525/2013 of the European Parliament and of the Council⁽¹⁾, and in particular Article 17(4) thereof,



Revised Implementing Regulation



Official Journal
of the European Union

EN
L series

2024/1281

17.5.2024

COMMISSION IMPLEMENTING REGULATION (EU) 2024/1281

of 7 May 2024

amending Implementing Regulation (EU) 2020/1208 on structure, format, submission processes and review of information reported by Member States pursuant to Regulation (EU) 2018/1999 of the European Parliament and of the Council

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2018/1999 of the European Parliament and of the Council of 11 December 2018 on the Governance of the Energy Union and Climate Action, amending Regulations (EC) No 663/2009 and (EC) No 715/2009 of the European Parliament and of the Council, Directives 94/22/EC, 98/70/EC, 2009/31/EC, 2009/73/EC, 2010/31/EU, 2012/27/EU and 2013/30/EU of the European Parliament and of the Council, Council Directives 2009/119/EC and (EU) 2015/652 and repealing Regulation (EU) No 525/2013 of the European Parliament and of the Council⁽¹⁾, and in particular Articles 19(5), 26(7) and 38(3) thereof,

Decarbonization - GHG

ANNEX I

Decarbonisation: Greenhouse gas emissions and removals

Table 1 -- Current and projected national progress towards the national greenhouse gas (GHG) emissions reduction targets in view of climate neutrality

Reporting element	ID ⁽¹⁾	Specification	Scope ⁽²⁾	Unit	GWP ⁽³⁾	Year					Target year for climate neutrality	Indirect CO ₂ -emissions included (yes/no)? ⁽¹¹⁾
						X-3 ⁽¹⁰⁾	X-2	2030	2040	2050		
Climate-neutrality ⁽⁴⁾	A1	M _{iap}										
Role of removals ⁽⁵⁾	A2	M _{iap}		ktCO ₂ e	AR-5							
National GHG target for 2030 and beyond, if available,	B	M _{iap}	Total GHG emissions excluding LULUCF, excluding international aviation ⁽⁶⁾	ktCO ₂ e	AR-5							
	C	M _{iap}	Total GHG	ktCO ₂ e	AR-5							



Decarbonization - RES

ANNEX II

Decarbonisation: renewable energy

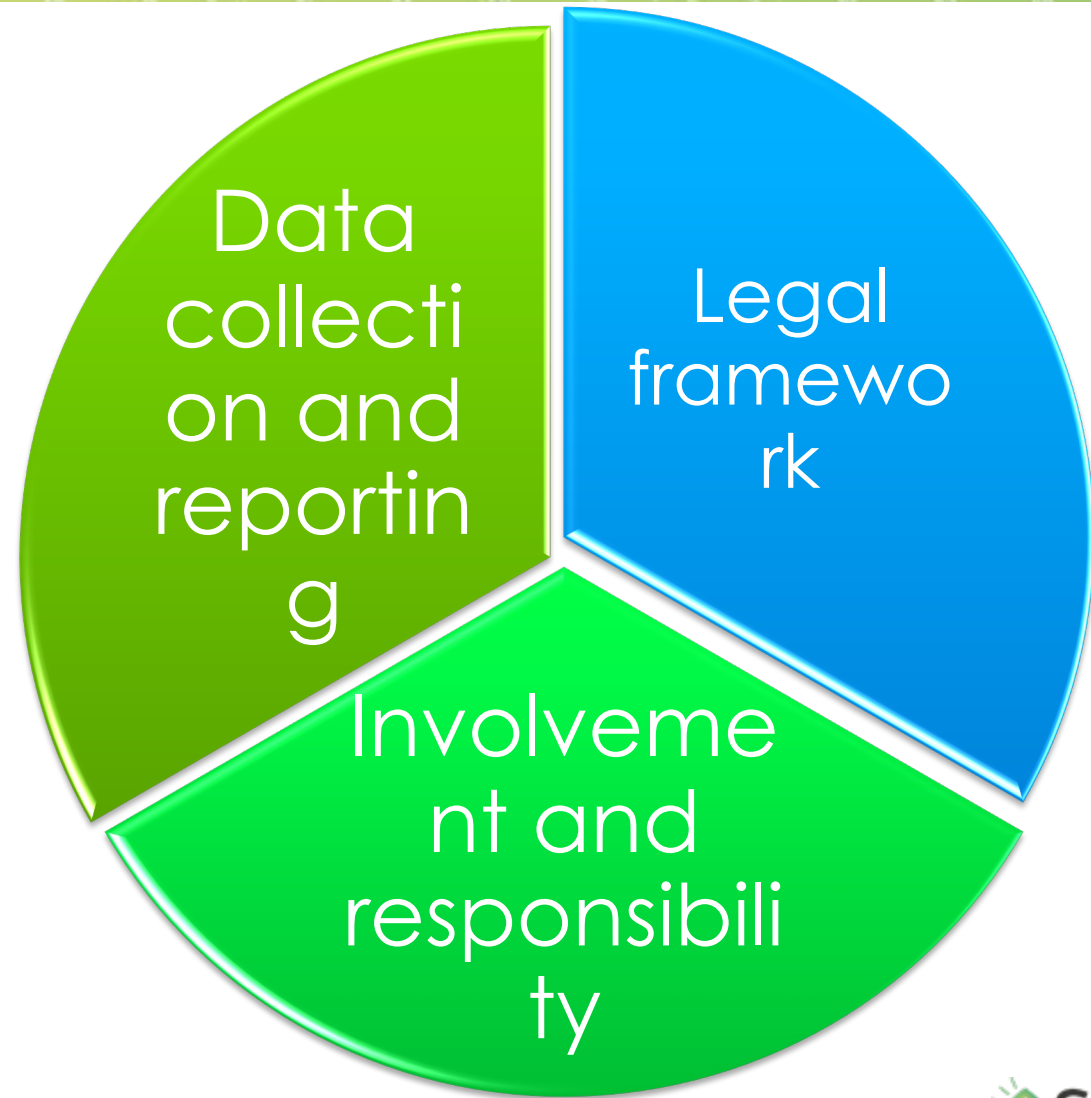
Table 1 -- Sectoral (electricity, heating and cooling, and transport) and overall shares of energy from renewable sources⁽¹⁾

Reporting element	Specification	Unit	Year	
			X-3	X-2
Gross final consumption of energy from renewable sources	M	ktoe		
Gross final consumption of energy with aviation adjustment	M	ktoe		
<u>Overall</u> RES share	M	%		
Renewable electricity generation (with normalisation)	M	GWh		
Total Gross Electricity Consumption	M	GWh		
RES-E generation share	M	%		
RES-T numerator with multipliers	M	ktoe		
RES-T denominator with multipliers	M	ktoe		



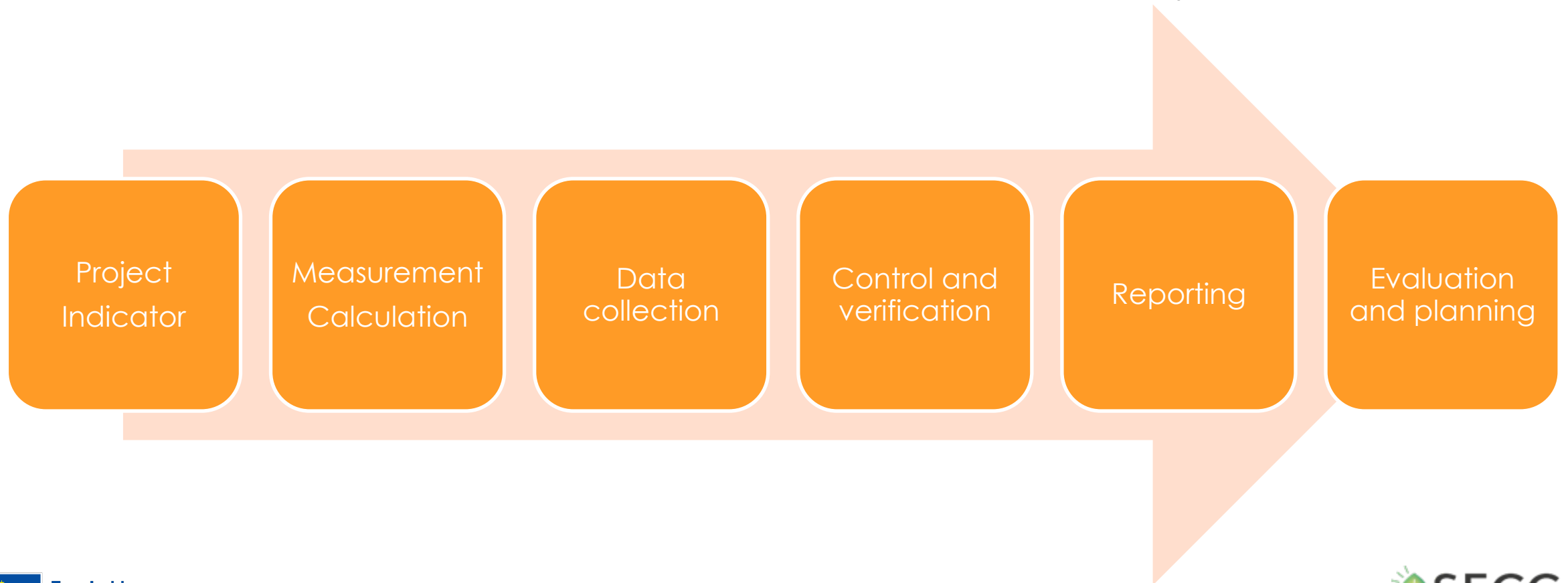
The framework of the reporting system

1. Monitoring and reporting legislation
2. Verification procedures and institution
3. Information sources



Involvement and responsibility in Project level

- Requirements of Regulation 2018-1999 should be reflected in NECP
- All measures and indicators for NECP should have dedicated responsible institutions



Data collection and reporting

First step – Excel based spread sheet

Second step – monitoring platform

ANNEX II:¶

Decarbonisation: renewable energy¶

Table 1 -- Sectoral (electricity, heating and cooling, and transport) and overall shares of energy from renewable sources⁽¹⁾¶

Reporting element¶	Specification¶	Unit¶	Year¶	
			X-3¶	X-2¶
Gross final consumption of energy from renewable sources¶	M¶	ktoe¶	□	□
Gross final consumption of energy with aviation adjustment¶	M¶	ktoe¶	□	□
Overall RES share¶	M¶	%¶	□	□
Renewable electricity generation (with normalisation)¶	M¶	GWh¶	□	□
Total Gross Electricity Consumption¶	M¶	GWh¶	□	□
RES-E generation share¶	M¶	%¶	□	□
RES-T numerator with multipliers¶	M¶	ktoe¶	□	□
RES-T denominator with multipliers¶	M¶	ktoe¶	□	□



Energy efficiency dimension

Database

Reporting:

>41
Energy efficiency measures

>10
Information reporting authorities

Other information systems

>170
Characteristic indicators

>6
Information authorities

EE measures and energy consumption

Energy production, transmission and other statistics



NECP implementation coordination

Assessment of NECP measures

Monitoring activities

Improving the modeling process

Analytical activities

THANK YOU!

