



РЕПУБЛИКА СРБИЈА  
Министарство  
заштите животне средине  
REPUBLIC OF SERBIA  
Ministry of  
Environmental Protection



DEVELOPMENT OF CLIMATE CHANGE  
MONITORING, REPORTING AND  
VERIFICATION (MRV) SYSTEM

TRAINING SESSION ON NATIONALLY DETERMINED CONTRIBUTION

15 DECEMBER 2021

# PURPOSE

- To monitor and visualize progress towards 2030 targets
- To make current version of NDC publicly available
- To show information from other modules which are part of the NDC

# REPORTING REQUIREMENTS

- **UNFCCC:**

- The modalities, procedures and guidelines (MPGs) for the transparency framework for action and support, referred to in Article 13 of the Paris Agreement are defined in **Decision 18/CMA.1**.
- MPGs para. 59-103: **III. Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement**
- Additionally, Decision 4/CMA.1, Annex I – clarity on NDC and Annex II – accounting for NDC and Decision 6/CMA.1 – common timeframe for NDCs and 9/CMA.1 on adaptation are also relevant

- **EU:**

- Governance Regulation (EU 2018/1999) and Implementing Regulation (EU 2020/1208):
- are fully in line with the Paris Agreement and MPGs

- **Serbian Climate Change Law**

- Only generally in Art. 3 on implementation of the Paris Agreement

# UNFCCC – DECISION 4/CMA.1, ANNEX 1

## 1. Quantifiable information on the reference point (including, as appropriate, a base year):

- (a) Reference year(s), base year(s), reference period(s) or other starting point(s);
- (b) Quantifiable information on the reference indicators, their values in the reference year(s), base year(s), reference period(s) or other starting point(s), and, as applicable, in the target year;
- (c) For strategies, plans and actions referred to in Article 4, paragraph 6, of the Paris Agreement, or policies and measures as components of nationally determined contributions where paragraph 1(b) above is not applicable, Parties to provide other relevant information;
- (d) **Target** relative to the reference indicator, expressed numerically, for example in percentage or amount of reduction;
- (e) Information on **sources of data** used in quantifying the reference point(s);
- (f) Information on the circumstances under which the Party may update the values of the reference indicators.

# UNFCCC - DECISION 4/CMA.1, ANNEX 1

## 2. Time frames and/or periods for implementation:

- (a) Time frame and/or period for implementation, including start and end date, consistent with any further relevant decision adopted by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA);
- (b) Whether it is a single-year or multi-year target, as applicable.

## 3. Scope and coverage:

- (a) General description of the target;
- (b) Sectors, gases, categories and pools covered by the nationally determined contribution, including, as applicable, consistent with Intergovernmental Panel on Climate Change (IPCC) guidelines;
- (c) How the Party has taken into consideration paragraph 31(c) and (d) of decision 1/CP.21;
- (d) Mitigation co-benefits resulting from Parties' adaptation actions and/or economic diversification plans, including description of specific projects, measures and initiatives of Parties' adaptation actions and/or economic diversification plans.

# UNFCCC - DECISION 4/CMA.1, ANNEX 1

## 4. Planning processes:

(a) Information on the planning processes that the Party undertook to prepare its NDC [...]:

(i) Domestic institutional arrangements, public participation and engagement with local communities and indigenous peoples, in a gender-responsive manner;

(ii) Contextual matters, including, inter alia, as appropriate: a. National circumstances, such as geography, climate, economy, sustainable development and poverty eradication;

(b,c) [...]

(d) Mitigation co-benefits of adaptation action

# UNFCCC-DECISION 4/CMA.1, ANNEX 1

## 5. Assumptions and methodological approaches, including those for estimating and accounting for anthropogenic greenhouse gas emissions and, as appropriate, removals:

- (a) [...] accounting for anthropogenic greenhouse gas emissions and removals [...]
- (b) [...] implementation of policies and measures or strategies [...]
- (c) [...]
- (d) IPCC methodologies and metrics used for estimating anthropogenic greenhouse gas emissions and removals
- (e) Sector-, category- or activity-specific assumptions, methodologies and approaches consistent with IPCC guidance
- (f) Other assumptions and methodological approaches used for understanding the nationally determined contribution

e.g. non-GHG components, climate forcers, intention to use voluntary cooperation under Article 6 of the Paris Agreement, etc.

# UNFCCC - DECISION 4/CMA.1, ANNEX 1

**6. How the Party considers that its nationally determined contribution is fair and ambitious in the light of its national circumstances**

**7. How the nationally determined contribution contributes towards achieving the objective of the Convention as set out in its Article 2**



# UNFCCC – NEWS FROM GLASGOW

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DRAFT TEXT  
on

CMA agenda sub-item 3(b): Report of the Subsidiary Body for Implementation  
Version 13/11/2021 08:00

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## **Common time frames for nationally determined contributions referred to in Article 4, paragraph 10, of the Paris Agreement**

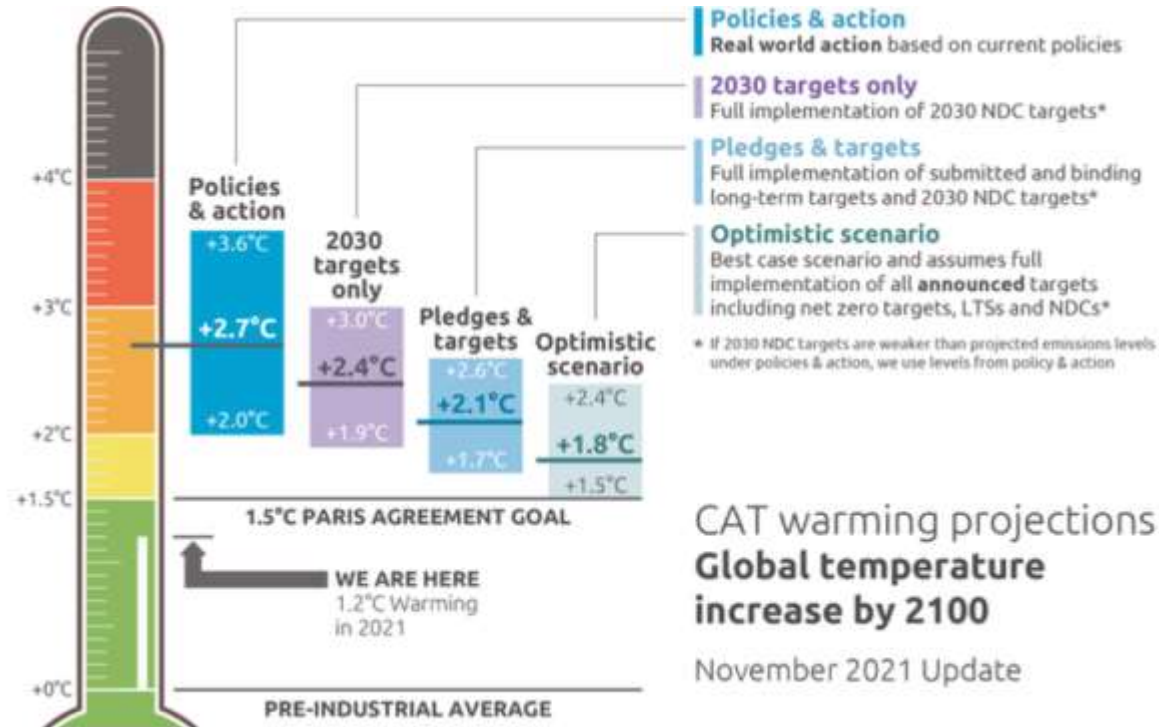
*The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement,*

*Recalling Article 4 of the Paris Agreement,*

*Also recalling decision 6/CMA.1, paragraph 2,*

1. *Reaffirms* the nationally determined nature of nationally determined contributions;
  2. *Encourages* Parties to communicate in 2025 a nationally determined contribution with an end date of 2035, in 2030 a nationally determined contribution with an end date of 2040, and so forth every five years thereafter.
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# UNFCCC – NEWS FROM GLASGOW



## Policies & action

Real world action based on current policies

## 2030 targets only

Full implementation of 2030 NDC targets\*

## Pledges & targets

Full implementation of submitted and binding long-term targets and 2030 NDC targets\*

## Optimistic scenario

Best case scenario and assumes full implementation of all **announced** targets including net zero targets, LTSs and NDCs\*

\* If 2030 NDC Targets are weaker than projected emissions levels under policies & action, we use levels from policy & action

CAT warming projections  
**Global temperature increase by 2100**

November 2021 Update

# UNFCCC – NEWS FROM GLASGOW

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# UNFCCC – NEWS FROM GLASGOW

**Table 1. Description of a Party's NDC under Article 4**

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	Description (including definitions needed to understand its NDC)
64(a)	Target(s) and description, including target type(s) <sup>a</sup>
64(b)	Target year(s) or period(s), and whether they are single-year or multi-year target(s)
64(c)	Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s)
64(d)	Time frame(s) and/or periods for implementation
64(e)	Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases
64(f)	Intention to use cooperative approaches that involve the use of internationally transferred mitigation outcomes under Article 6 towards NDCs under Article 4 of the Paris Agreement
64(g)	Any updates or clarifications of previously reported information <sup>b</sup>

a E.g. economy-wide absolute emission reduction, emission intensity reduction, emission reduction below a projected baseline, mitigation co-benefits of adaptation actions or economic diversification plans, policies and measures, and other.

b E.g. recalculation of previously reported inventory data, or greater detail on methodologies or use of cooperative approaches.

# UNFCCC – NEWS FROM GLASGOW

**Table 2. Structured Summary : Definitions needed to understand its NDC under Article 4**

(a) Definitions related to each indicator identified in paragraph 65

	<i>73</i>	<i>76(a)</i>
	Definition	How it is related to its NDC under Article 4
65	Indicator 1	
	Indicator 2	
	Indicator 3	
	...	

(b) Definitions related to any sectors or categories defined differently than in the NIR

	<i>73</i>
	Definition
	[Sectors]
	Sector 1
	Sector 2
	...
	[Categories]
	Category 1
	Category 2
	...

(c) Mitigations co-benefits of adaptation actions and/or economic diversification plans

	<i>73</i>
	Definition
	Mitigation co-benefit 1
	Mitigation co-benefit 2
	...

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**Table 4. Structured Summary : Information to track progress made in implementing and achieving its NDC under**

**Article 4**

	Unit	Information for reference point(s), level(s), baseline(s), base year(s), starting point(s) (ex. 1990, BAU)	Information during the implementation period of the NDC											
			X	X+1	X+2	X+3	X+4	X+5	X+6	X+7	X+8	X+9	...	
			Target level (if applicable) Indicator value											
Indicator 1 <sup>a</sup>														
Indicator 2														
65, 77(a) Indicator 3														
...														
77(b) Total GHG emissions and removals consistent with the coverage of the NDC	kt CO <sub>2</sub> e													
77(c) Contribution from the LULUCF sector if not included in NIR	kt CO <sub>2</sub> e													
			Years covered by NDC											
			X	X+1	X+2	X+3	X+4	X+5	X+6	X+7	X+8	X+9	...	
Annual level of emissions and removals covered by the NDC	kt CO <sub>2</sub> e													
77(d)* Emissions balance adjusted on the basis of corresponding adjustments	kt CO <sub>2</sub> e													
Any other information consistent with guidance developed related to Article 6, if relevant	kt CO <sub>2</sub> e													
70 Assessment <sup>b</sup> of the achievement of the NDC	Description :													

<sup>a</sup> E.g. net GHG emissions and removals, percentage reduction of GHG intensity, relevant qualitative indicators for a specific policy or measure, mitigation co-benefits of adaptation actions and/or economic diversification plans or other (e.g. hectares of reforestation, percentage of renewable energy use or production, carbon neutrality, share of non-fossil fuel in primary energy consumption and non-GHG related indicators).

<sup>b</sup> Assessment of the achievement of the target(s) for the NDC under Article 4 should be carried out on the basis of the information on the end year or end of the period of the NDC for each relevant indicator.

\* Final version of Table 4 to be consistent with decisions taken on Art. 6 guidance at COP25.

# EUROPEAN UNION NDC

- 11 December 2020: the European Council endorsed a new, significantly more ambitious EU climate target for 2030
- Whereas the EU's original NDC submission was applicable also to the United Kingdom, this update is applicable to the EU and its 27 Member States.
- The EU and its Member States, acting jointly, are committed to a binding target of a net domestic reduction of at least 55% in greenhouse gas emissions by 2030 compared to 1990.
- In order to address the social and economic consequences of the objective of reaching climate neutrality by 2050 and the Union's new 2030 climate target, a Just Transition Mechanism, including a Just Transition Fund, will be created.

# SERBIA´S CLIMATE CHANGE LAW

## Article 3

[...] Objective of this law is also to establish mechanisms for timely, transparent, accurate, consistent, comparable and complete reporting and verification of information on the fulfillment of obligations under [...] Law on **Ratification of the Paris Agreement** ("Official Gazette of the Republic of Serbia - International Treaties", No. 4/17) [...].



# NDC MODULE

- The NDC module combines
  - **Data**
    - Historic GHG emissions trends (1990-) from GHG emission module
    - GHG emission scenarios (B2, M1-M4) from projection module
    - NDC targets (relative, conditional)
  - and tracks Serbia's progress towards meeting its NDC target.
  - **Reports & Templates**
    - NDC report
    - Structured summary (tracking progress tables)