
Technical assessment of the achievement of 2020 targets

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- BR5s (final BRs) have provided information on progress as required by the BR reporting guidelines, including for the target year (2020) or target period (2013-2020).
- ERTs would need to consider this information and provide technical assessment of achievement of the 2020 target.
- The approach for assessment of the achievement of the target was discussed at 8th and agreed at the 9th LRs meeting and incorporated in 2022 Review Practice Guidance (RPG).
- The approach is customized for different types of targets in the new review report template.

Assessment of achievement (RPG 4-steps approach)



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1. State the **2020 target** under the Convention that represents the reference point against which the achievement will be assessed;
2. Provide a **summary of the quantitative information** on annual GHG emission levels, contribution of LULUCF, use of units from MBMs, where applicable, and the emission level, budget or percentage reduction that corresponds to the 2020 target in tabular format;
3. Depending on the target type, **compare** the 2020 emission level with the emission level that corresponds to the 2020 target; compare the cumulative emissions in the target period with the emission/carbon budget; or compare the 2020 ESD emissions with the AEA for the EU member States; or compare the percentage emissions reduction achieved with that specified in the 2020 target;
4. Provide a **conclusion** on the achievement of the 2020 target.

Accountable GHG emissions level in the target year or target period including contribution of LULUCF and units from MBMs, as applicable	<	Targeted GHG emissions level in the target year of target period	Target is achieved
	>		Target is not achieved

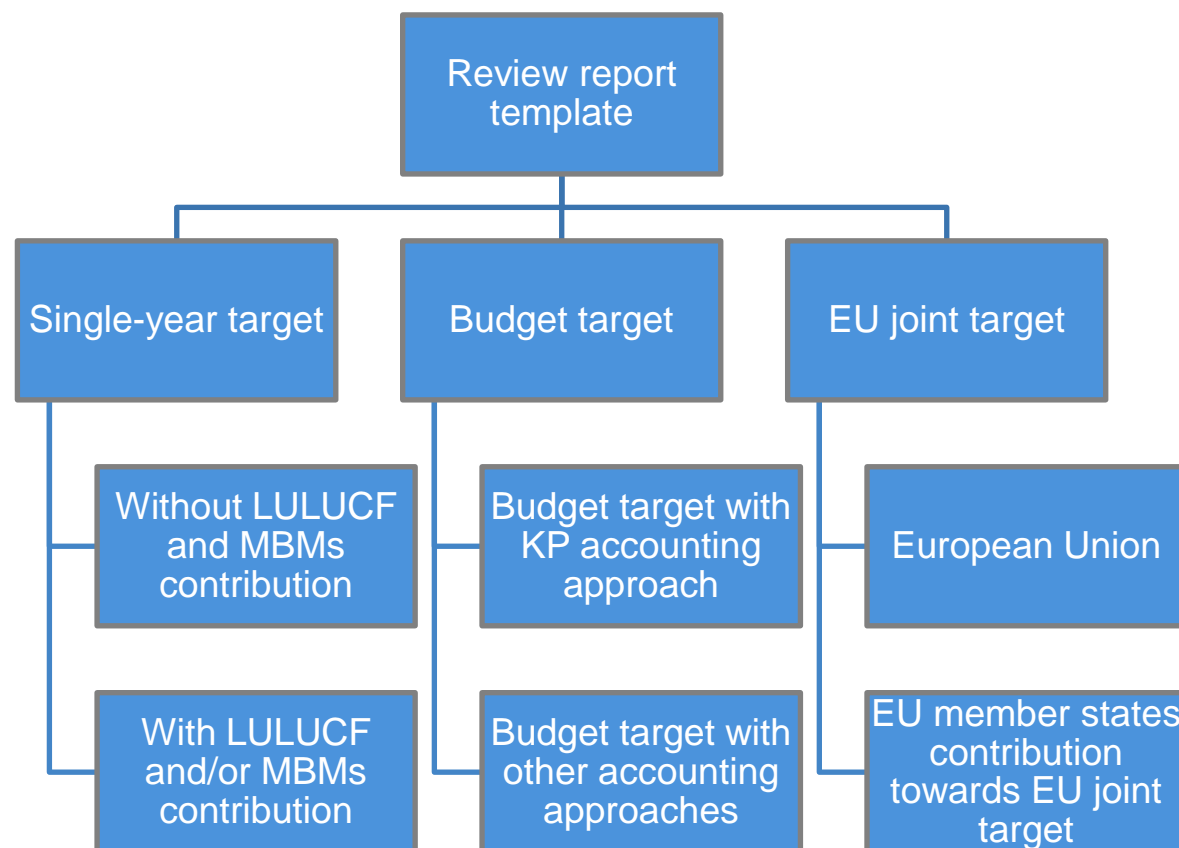


- **Single-year emission reduction target** – a commitment to reduce emissions by a specified percentage relative to a historical base-year by a single target year in the future
- **Cumulative multi-year emission reduction target (emission or carbon budget)** – a commitment to reduce emissions by a specified percentage relative to a historical base-year over a defined commitment or implementation period
- **The joint EU emissions reduction target** – a joint target of the EU and its 27 EU member States and the UK that consists of:
 - **EU ETS target with an EU-wide emission cap** with the goal of reducing emissions by 21 per cent below the 2005 level by 2020, and
 - **ESD target** for sectors outside the ETS with the goal of reducing emissions by 10 per cent below the 2005 level by 2020; EU member States are required to reduce or limit their greenhouse gas emissions between 2013 and 2020 by meeting binding annual targets known as annual emission allocations (AEAs)

Review report template is customized per target type



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Assessment of achievement – single-year target



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- *Stating the 2020 target*
- *Summary of quantitative information - table 7*
- In 2020 Party's annual total GHG emissions excluding LULUCF were xxx.xx kt CO₂ eq. The ERT noted that the contribution of LULUCF is not included in the Party's base or target year and that Party did not use units from market-based mechanisms. Taking this into account, emissions in 2020 were xxx.xx kt CO₂ eq (x.x per cent) below the emission level corresponding to the 2020 target (see table 7).
- The ERT concluded that, on the basis of the information reported in the BR5 [and provided during the review], the total 2020 GHG emissions excluding LULUCF of Party do not exceed the emission level corresponding to the 2020 target, and thus that the target has been achieved.

Review report template

Table 7

Summary of information on greenhouse gas emissions, use of units from market-based mechanisms and land use, land-use change and forestry by Party
(kt CO₂ eq)

Year	Emissions excluding LULUCF	Contribution of LULUCF	Use of units from market-based mechanisms	Net emissions including LULUCF and market-based mechanisms
[1990][other base year]				
2010				
2011				
2012				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
				2020 target



Assessment of achievement – budget target



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- *Stating the 2020 target*
- *Summary of quantitative information - table 7*
- Between 2013 and 2020 Party's total GHG emissions excluding LULUCF amounted to xx,xxx.xx kt CO₂ eq, the contribution of LULUCF amounted to xx,xxx.xx kt CO₂ eq[and the use of market-based mechanisms amounted to xx,xxx.xx kt CO₂ eq], resulting in a net figure of xx,xxx.xx kt CO₂ eq, which equals x.x per cent of the Party's emission budget for 2013–2020 (see table 7).
- The ERT concluded that, on the basis of the information reported in the BR5 [and provided during the review], the total GHG emissions excluding LULUCF of Party including the contribution of LULUCF[and use of units from market-based mechanisms] do not exceed the Party's emission budget corresponding to the 2020 target, and thus that the target has been achieved.

Review report template

Table 7

Summary of information on greenhouse gas emissions, use of units from market-based mechanisms and land use, land-use change and forestry by Party

(kt CO₂ eq)

Year	Emissions excluding LULUCF	Contribution of LULUCF	Use of units from market-based mechanisms	Net emissions including LULUCF and market-based mechanisms
[1990][other base year]				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
Cumulative 2013–2020				
				Emission budget 2013–2020





- Under the UNFCCC, the EU and its Member States committed to achieving a joint quantified economy-wide greenhouse gas emission reduction target of 20 per cent below the 1990 level by 2020. **It is therefore a joint pledge with no separate targets for Member States under the Convention.** The UK remains part of the joint EU 2020 target together with the 27 EU Member States.
- Each EU MS is **contributing towards the achievement** of the joint EU target through binding national target set for each EU MS under the Effort Sharing Decision (ESD).
- Review practice so far was to provide summary of information on ESD emissions and AEAs (tabular format) and note the progress towards achieving the 2020 joint EU target.
- Assessment of achievement for EU MS should therefore capture two points: (1) achievement of the joint EU target and (2) contribution of EU MS towards achievement of the EU joint target.



Assessment of achievement – The European Union



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- The ERT noted the joint EU target of reducing its GHG emissions by 20.0 per cent below the 1990 level by 2020
- *Summary of quantitative information - table 7*
- In 2020 the annual total GHG emissions of the EU excluding LULUCF and NF₃, and including international aviation and indirect CO₂, were xx.x per cent (xxx.xx kt CO₂ eq) below the base-year level. The ERT noted that the contribution of LULUCF is not included in the Party's base or target year, but that the EU used units from market-based mechanisms towards the achievement of its 2020 target. In addition, the ERT noted that in 2020 the use of market-based mechanisms accounted for xxx.xx kt CO₂ eq, resulting in net emissions of xxx.xx kt CO₂ eq (see table 7), or xxx.xx kt CO₂ eq below the emission level corresponding to the 2020 target. Taking this into account, emissions in 2020 were x.x per cent below the 1990 level.

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Table 7

Summary of information on greenhouse gas emissions, use of units from market-based mechanisms and land use, land-use change and forestry by Party
(kt CO₂ eq)

Year	Emissions excluding LULUCF	Contribution of LULUCF	Use of units from market-based mechanisms	Net emissions including LULUCF and market-based mechanisms
[1990][other base year]				
2010				
2011				
2012				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
				2020 target



- The ERT concluded that, on the basis of the information reported in the BR5 [and provided during the review], the total GHG emissions of the EU, excluding LULUCF and including the use of units from market-based mechanisms, did not exceed the emission level corresponding to the 2020 target, and thus that the EU has achieved its joint target.

- In assessing the EU MS's contribution towards achievement of the 2020 joint EU target based on the information reported in its BR5, the ERT noted that, under the EU 2020 climate and energy package, Party committed to [reducing][limiting] its emissions [growth] under the ESD to x per cent [below][above] the 2005 level by 2020. This target has been translated into binding quantified AEAs for 2013–2020.
- *Summary of quantitative information - table 7*
- In 2020 EU MS's ESD emissions were x.x per cent (xxx.xx kt CO₂ eq) [below][above] the AEA. [Taking the use of market-based mechanisms into account,] Party has a cumulative [surplus][deficit] of xxx.xx kt CO₂ eq with respect to its AEAs between 2013 and 2020. [The ERT noted that the Party did not make use of units from market-based mechanisms in 2020.]

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Table 7

Summary of information on emissions covered by the European Union effort-sharing decision annual emission allocation and use of units from market-based mechanisms by EU MS Party
(kt CO₂ eq)

Year	ESD emissions	AEA	Use of units from market-based mechanisms	AEAs transferred to (–) or from (+) other Parties	Annual AEA surplus/deficit	Cumulative AEA surplus/deficit
2013						
2014						
2015						
2016						
2017						
2018						
2019						
2020						

- The ERT noted that the Party reported *[confirm that Party reported this in their BR5. Otherwise reference the EU's BR]* that the total GHG emissions excluding LULUCF of the EU and including the use of units from market-based mechanisms do not exceed the emission level corresponding to the target in 2020, and thus that the EU has achieved its joint target. Therefore, the ERT concluded that based on the information reported in the BR5 *[and provided during the review]* Party has met its 2020 commitment under the convention through its contribution to achieving the joint EU target. The ERT noted that the Party's ESD emissions in 2020 do not exceed its AEA for 2020.

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Thank you for your attention!



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