















Procedure file

Basic information	
<p>COD - Ordinary legislative procedure (ex-codecision procedure) Regulation</p> <p>2016/0230(COD)</p>	Procedure completed
<p>2030 climate and energy framework: inclusion of greenhouse gas emissions and removals from land use, land use change and forestry</p> <p>Amending Regulation (EU) No 525/2013 2011/0372(COD) Amending Decision No 529/2013/EU 2012/0042(COD)</p> <p>Subject</p> <p>3.10.11 Forestry policy 3.10.14.04 Set-aside and conversion of land 3.70.02 Atmospheric pollution, motor vehicle pollution 3.70.03 Climate policy, climate change, ozone layer 3.70.18 International and regional environment protection measures and agreements</p> <p>Legislative priorities Joint Declaration 2017 Joint Declaration 2018-19</p>	

Key players			
European Parliament	Committee responsible	Rapporteur	Appointed
	 Environment, Public Health and Food Safety	 LINS Norbert	28/09/2016
		Shadow rapporteur	
		 BRANNEN Paul	
		 WIŚNIEWSKA Jadwiga	
		 TORVALDS Nils	
		 JÁVOR Benedek	
		 AFFRONTÉ Marco	
	Committee for opinion	Rapporteur for opinion	Appointed
	 Development	 MARCELLESI Florent	30/11/2016
 Industry, Research and Energy			
 Transport and Tourism	The committee decided not to give an opinion.		
 Agriculture and Rural Development		30/08/2016	
	 KÖSTINGER Elisabeth		
Council of the European Union	Council configuration	Meeting	Date

European Commission	General Affairs	3615	14/05/2018
	Environment	3565	13/10/2017
	Environment	3550	19/06/2017
	Environment	3512	19/12/2016
	Agriculture and Fisheries	3509	13/12/2016
European Economic and Social Committee European Committee of the Regions	Commission DG	Commissioner	
	Climate Action	ARIAS CAÑETE Miguel	

Key events			
12/09/2016	Committee referral announced in Parliament, 1st reading		
13/12/2016	Debate in Council	3509	
19/12/2016	Debate in Council	3512	
19/06/2017	Debate in Council	3550	
11/07/2017	Vote in committee, 1st reading		
17/07/2017	Committee report tabled for plenary, 1st reading	A8-0262/2017	Summary
11/09/2017	Debate in Parliament		
13/09/2017	Decision by Parliament, 1st reading	T8-0339/2017	Summary
13/09/2017	Matter referred back to the committee responsible		
24/01/2018	Approval in committee of the text agreed at early 2nd reading interinstitutional negotiations	PE620.864	
16/04/2018	Debate in Parliament		
17/04/2018	Results of vote in Parliament		
17/04/2018	Decision by Parliament, 1st reading	T8-0096/2018	Summary
14/05/2018	Act adopted by Council after Parliament's 1st reading		
30/05/2018	Final act signed		
30/05/2018	End of procedure in Parliament		
19/06/2018	Final act published in Official Journal		

Technical information	
Procedure reference	2016/0230(COD)
Procedure type	COD - Ordinary legislative procedure (ex-codecision procedure)
Procedure subtype	Legislation
Legislative instrument	Regulation

	Amending Regulation (EU) No 525/2013 2011/0372(COD) Amending Decision No 529/2013/EU 2012/0042(COD)
Legal basis	Rules of Procedure EP 59-p4; Treaty on the Functioning of the EU TFEU 192-p1
Mandatory consultation of other institutions	European Economic and Social Committee European Committee of the Regions
Stage reached in procedure	Procedure completed
Committee dossier	ENVI/8/07445

Documentation gateway

Legislative proposal		COM(2016)0479	20/07/2016	EC	Summary
Document attached to the procedure		COM(2016)0500	20/07/2016	EC	Summary
Document attached to the procedure		SWD(2016)0246	22/07/2016	EC	
Document attached to the procedure		SWD(2016)0249	22/07/2016	EC	
Committee draft report		PE599.777	23/02/2017	EP	
Amendments tabled in committee		PE602.735	06/04/2017	EP	
Amendments tabled in committee		PE602.941	06/04/2017	EP	
Committee opinion	DEVE	PE599.579	03/05/2017	EP	
Amendments tabled in committee		PE604.845	19/05/2017	EP	
Committee opinion	ITRE	PE592.164	01/06/2017	EP	
Committee opinion	AGRI	PE597.534	01/06/2017	EP	
Committee report tabled for plenary, 1st reading/single reading		A8-0262/2017	17/07/2017	EP	Summary
Text adopted by Parliament, partial vote at 1st reading/single reading		T8-0339/2017	13/09/2017	EP	Summary
Text adopted by Parliament, 1st reading/single reading		T8-0096/2018	17/04/2018	EP	Summary
Draft final act		00068/2017/LEX	30/05/2018	CSL	
Commission response to text adopted in plenary		SP(2018)350	06/06/2018	EC	

Additional information

Research document	Briefing
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Final act

Regulation 2018/841 OJ L 156 19.06.2018, p. 0001 Summary

Delegated acts

2020/2854(DEA)	Examination of delegated act
2020/2861(DEA)	Examination of delegated act

2030 climate and energy framework: inclusion of greenhouse gas emissions and removals from land use, land use change and forestry

PURPOSE: to determine how to include land use, land use change and forestry (LULUCF) in the EU's climate and energy framework, from 2021.

PROPOSED ACT: Regulation of the European Parliament and of the Council.

ROLE OF THE EUROPEAN PARLIAMENT: the European Parliament decides following the ordinary legislative procedure on an equal footing with Council.

BACKGROUND: emissions and removals of greenhouse gases in LULUCF are currently covered by international obligations under the Kyoto Protocol only, up to 2020. Up to this date, the Kyoto Protocol places constraints on the EU and each of its Member States, as they need to ensure that the LULUCF sector does not yield extra emissions. However, the Kyoto Protocol will expire at the end of 2020. Consequently, governance for the LULUCF sector needs to be further developed within the EU.

Currently, this is carried out under [Decision No 529/2013/EU](#) on accounting rules on greenhouse gas emissions and removals resulting from activities relating to LULUCF. Without a legal framework defining the applicable rules for the period post-2020, the way in which LULUCF would be included in the overall framework could be heterogeneous across the EU.

The proposal is part of the legislation completing the integrated framework for climate and energy policies up to 2030 endorsed by the European Council in October 2014, to achieve the EU 2030 greenhouse gas emission reduction target of at least -40% compared to 1990 levels domestically in a cost effective manner and contribute to limiting global warming. It is part of the Commission's ten political priorities, and an important element of the strategic framework for the [Energy Union](#). It also aims to implement the EU's commitments under the Paris Agreement (December 1995) on climate change.

IMPACT ASSESSMENT: in the conclusion of the impact assessment, a stand-alone LULUCF policy pillar was identified as the preferred option. This would continue to be utilised together with the commitment by each Member State to ensure that the LULUCF sector should have no net emissions on their territory (no-debit rule).

CONTENT: the proposal aims to define how the LULUCF sector will contribute to an EU-wide 30% reduction in greenhouse gas emissions in non-ETS (emission trading scheme) sectors by 2030 compared to 2005. It lays down;

- the commitments by Member States towards meeting the greenhouse gas emission reduction commitment of the Union for the period from 2021 to 2030;
- accounting rules relating to emissions and absorption linked to LULUCF activity and to verification of Member States commitments.

The mandatory scope is, in essence, forest land and agricultural land, and land for which the use has changed from or to these uses. The approach proposed discards the parallel Kyoto Protocol reporting framework and streamlines the system with the UNFCCC "land-based" reporting framework. The scope includes greenhouse gases CO₂, CH₄ and N₂O.

Furthermore, the proposal:

- provides that each Member State is to ensure that the LULUCF sector should have, after the application of the accounting rules specified in the Regulation, and taking into account the flexibilities, no net emissions on their territory ("no-debit rule");
- lays down general rules to avoid double counting, to manage the transitions between land use categories and to account for each carbon pool, except those falling under a "de minimis" rule;
- outlines the specific accounting rules for land use changed from (deforested) and to (afforested) forest land;
- outlines the specific accounting rules for managed cropland, grassland and wetland, including categories of land changing from and to these categories;
- provides for accounting rules for managed forest land using a forest reference level to exclude the effects of natural and country-specific characteristics;
- lays down the accounting for harvested wood products;
- permits Member States to exclude emissions from natural disturbances (forest fire, pest invasion, etc.) from their accounts;
- provides for Member States to compensate for emissions from one land accounting category by removals from another land accounting category in their territory;
- outlines the requirements for Member States to ensure appropriate monitoring for accounting purposes, and establishes regular compliance checks by the Commission;
- amends [Regulation No 525/2013/EU](#) in order to ensure that the reporting requirements currently applying to LULUCF are continued within the framework of that Regulation.

BUDGETARY IMPLICATIONS: the proposal has very limited implications for the EU budget (EUR 1.668 million for the period 2017-2020).

The Commission states that the indirect impacts on Member States budgets will depend on the choice of national policies and measures for greenhouse gas emission reductions and other mitigation action in the land use sector covered by this initiative chosen in each specific country. The proposal eliminates one (of the existing two) reporting frameworks, streamlining the process of accounting compared to that required under the Kyoto Protocol. This will reduce the administrative costs for Member States and the European Commission.

DELEGATED ACTS: the proposal contains provisions empowering the Commission to adopt delegated acts in accordance with Article 290 of the Treaty on the Functioning of the European Union.

2030 climate and energy framework: inclusion of greenhouse gas emissions and removals from land use, land use change and forestry

The Committee on the Environment, Public Health and Food Safety adopted the report by Norbert LINS (EPP, DE) on the proposal for a regulation of the European Parliament and of the Council on the inclusion of greenhouse gas emissions and removals from land use, land use change and forestry into the 2030 climate and energy framework and amending Regulation No 525/2013 of the European Parliament and the Council on a mechanism for monitoring and reporting greenhouse gas emissions and other information relevant to climate change.

The committee recommended that the European Parliament's position adopted at first reading in accordance with the ordinary legislative procedure should amend the Commission proposal as follows:

Commitments: this proposal seeks to reduce greenhouse gas emissions and increase removals from forests in order to combat climate change. For the period after 2030, Member States shall endeavour to increase their removals so that they exceed their emissions. The Commission shall propose a framework for targets after 2030 which includes such increased removals, in line with the Unions long-term climate objectives and the commitments made under the Paris Agreement.

During the period from 2021 to 2025, a Member State may choose to include managed wetland. It shall notify that choice to the Commission by 31 December 2020. During this period, Member States that have not chosen to include managed wetland in the scope of their commitments shall nevertheless report the emissions and removals from managed wetland to the Commission.

Flexibility: the proposal states that, depending on national preferences, Member States should be able to choose adequate national policies for achieving their commitments in LULUCF, including the possibility of compensating emissions from one land category by removals from another land category.

Members stated that Member States should be able to use up to 280 million tonnes of total net removals resulting from the combined accounting categories of deforested land, afforested land, managed cropland, managed grassland, managed wetland where applicable, and, subject to the delegated act adopted pursuant to the [Regulation](#) on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030.

Other land-use categories: proposals indicate that land that is converted to another land use category should be considered in transition to that category for the default value of 20 years in the IPCC Guidelines. Members considered that Member States should only derogate from that default value only for afforested land and only in very limited circumstances justified under the IPCC Guidelines.

Forest land accounts: Members proposed to change the cap for forest management credits from 3.5 % of Member States emissions to 7 %, with the aim of encouraging Member States to increase the absorption of CO₂ by dead wood.

The report proposed to change the reference period for the forest accounting plan from 1990-2009 to 2000-2012. It also called for a team of experts comprising representatives of the Commission and the Member States, in consultation with the Standing Forestry Committee and the civil society dialogue group on national forest accounting plans.

The Commission shall adopt delegated acts to amend Annex II to the Regulation in the light of the review and the assessment carried out by the expert review team. Until the entry into force of the delegated acts, Member State forest reference levels as specified in Annex II shall continue to apply for the period 2021-2025 and/or 2026-2030.

The Commission shall also adopt delegated acts to update the categories of harvested wood products (paper, wood panels, sawn timber) with integrating additional carbon-sequestration products on the basis of the IPCC Guidelines.

Report: the Commission shall report in 2027 and 2032 on the cumulative balance of emissions and removals from managed forest land in the Union in reference to average emissions and removals during the period 1990-2009.

If the cumulative balance is negative, the Commission shall present a proposal to compensate and remove the corresponding amount of emission allowances from Member States under the European Parliament and Council regulation on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030.

2030 climate and energy framework: inclusion of greenhouse gas emissions and removals from land use, land use change and forestry

The European Parliament adopted by 532 votes to 44, with 20 abstentions, amendments to the proposal for a regulation of the European Parliament and of the Council on the taking into account of greenhouse gas emissions and removals resulting from the ' land use and forestry in the context of the Climate and Energy Action for 2030 and amending Regulation (EU) No 525/2013 of the European Parliament and of the Council on a mechanism for the monitoring and reporting of greenhouse gas emissions and for the reporting of further information related to climate change.

The matter was referred back to the committee responsible for interinstitutional negotiations.

The main amendments adopted in plenary deal with the following points:

Potential of the LULUCF: the proposal aims to reduce greenhouse gas emissions and increase removals from forests in order to combat climate change. Parliament highlighted the considerable potential of land use, land use change and forestry (LULUCF) sector to contribute to the achievement of long-term climate the Union and at international level. It stressed that the LULUCF accounting system needed to be robust, suggesting that removals by the sector should be treated as a separate pillar in EU climate policy.

Commitments: Members proposed that Member States increase their CO₂ removals so that they exceed their emissions from 2030.

The Commission shall propose a framework for targets after 2030 which includes such increased removals, in line with the Unions long-term climate objectives and the commitments made under the Paris Agreement.

During the period from 2021 to 2025, a Member State may choose to include managed wetland. It shall notify that choice to the Commission by 31 December 2020. During this period, Member States that have not chosen to include managed wetland in the scope of their commitments shall nevertheless report the emissions and removals from managed wetland to the Commission.

Flexibility: the proposal states that, depending on national preferences, Member States should be able to choose adequate national policies for

achieving their commitments in LULUCF, including the possibility of compensating emissions from one land category by removals from another land category.

Parliament stated that Member States should be able to use up to 280 million tonnes of total net removals resulting from the combined accounting categories of deforested land, afforested land, managed cropland, managed grassland, managed wetland where applicable, and, subject to the delegated act adopted pursuant to the [Regulation](#) on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030.

Other land-use categories: proposals indicate that land that is converted to another land use category should be considered in transition to that category for the default value of 20 years in the IPCC Guidelines. Parliament considered that Member States should only derogate from that default value only for afforested land and only in very limited circumstances justified under the IPCC Guidelines.

Forest land accounts: Parliament proposed to change the cap for forest management credits from 3.5 % of Member States emissions to 7 %, with the aim of encouraging Member States to increase the absorption of CO₂ by dead wood.

Parliament also proposed to change the reference period for the forest accounting plan from 1990-2009 to 2000-2012. It also called for a team of experts comprising representatives of the Commission and the Member States, in consultation with the Standing Forestry Committee and the civil society dialogue group on national forest accounting plans.

The Commission shall adopt delegated acts to amend Annex II to the Regulation in the light of the review and the assessment carried out by the expert review team. Until the entry into force of the delegated acts, Member State forest reference levels as specified in Annex II shall continue to apply for the period 2021-2025 and/or 2026-2030.

The Commission shall also adopt delegated acts to update the categories of harvested wood products (paper, wood panels, sawn timber) with integrating additional carbon-sequestration products on the basis of the IPCC Guidelines.

Report: the Commission shall report in 2027 and 2032 on the cumulative balance of emissions and removals from managed forest land in the Union in reference to average emissions and removals during the period 1990-2009.

If the cumulative balance is negative, the Commission shall present a proposal to compensate and remove the corresponding amount of emission allowances from Member States under the European Parliament and Council regulation on binding annual greenhouse gas emission reductions by Member States from 2021 to 2030.

2030 climate and energy framework: inclusion of greenhouse gas emissions and removals from land use, land use change and forestry

The European Parliament adopted by 574 votes to 79, with 32 abstentions, a legislative resolution on the proposal for a regulation of the European Parliament and of the Council on the inclusion of greenhouse gas emissions and removals from land use, land use change and forestry into the 2030 climate and energy framework and amending Regulation No 525/2013 of the European Parliament and the Council on a mechanism for monitoring and reporting greenhouse gas emissions and other information relevant to climate change.

The issues had been referred back to the committee responsible for interinstitutional negotiations at the sitting of 13.9.2017.

The European Parliament's position adopted at first reading under the ordinary legislative procedure amended the Commission proposal as follows:

Objective: the Regulation would set out Member States' commitments in the area of land use, land-use change and forestry (LULUCF) that contribute to achieving the objectives of the Paris Agreement on Climate Change and the EU's greenhouse gas emission reduction target for the period 2021-2030.

The scope shall cover:

- during the periods 2021 to 2025 and 2026 to 2030, forest and agricultural lands and lands that are no longer assigned to those uses or those that are newly affected there;
- starting in 2026, the managed wetland. Wetlands are efficient ecosystems for storing carbon. Therefore, protecting and restoring wetlands could reduce greenhouse gas emissions in the LULUCF sector.

During the period 2021 to 2025, a Member State may choose to also make its commitment to managed wetlands by notifying the Commission of this choice by 31 December 2020 at the latest.

In the light of the experience gained from the application of the revision of the IPCC Guidelines, the Commission may propose to postpone for a further five years the mandatory accounting of managed wetlands.

Commitments: for the periods 2021 to 2025 and 2026 to 2030, each Member State shall ensure that emissions do not exceed the removals, calculated as the sum of total emissions and total removals in its territory in all categories cumulative land counts and accounted for in accordance with the regulations.

During the period from 2021 to 2025, each Member State that includes managed wetland in the scope of its commitments, and all Member States during the period from 2026 to 2030, shall account for emissions and removals resulting from managed wetland, calculated as emissions and removals in the respective periods minus the value obtained by multiplying by five the Member States average annual emissions and removals resulting from managed wetland in its base period from 2005 to 2009.

Accounting rules: for the LULUCF sector to contribute to the achievement of the Union's 40% emission reduction target, as well as the long-term goal of the Paris Agreement, the proposed Regulation defines general rules to avoid double counting of emissions or removals, including ensuring that emissions and removals are not accounted for in more than one land accounting category.

It also defines the specific accounting rules applicable to (i) afforested land and deforested land; (ii) managed cropland, managed grassland and managed wetland; (iii) managed forest lands; iv) harvested wood products.

The relevant accounting rules shall instead provide for the use of reference levels to exclude the effects of natural and country-specific

characteristics. Forest reference levels shall take account of any unbalanced age structure of forests and shall not unduly constrain future forest management intensity, so that long-term carbon sinks can be maintained or strengthened.

Other land use categories: under the proposal, land that is converted to another land use category shall be considered to be in the process of transitioning to that category for the default value of 20 years referred to in the IPCC Guidelines. Member States should only be able to derogate from that default value for afforested land and only in limited circumstances justified under the IPCC Guidelines.

Flexibilities: the Regulation provides that a Member State may use the general flexibilities as well as flexibilities for the managed forest land to comply with its commitment. This would give Member States some flexibility to temporarily increase their harvest intensity in accordance with sustainable forest management practices that are consistent with the objective set out in the Paris Agreement, provided that within the Union total emissions do not exceed total removals in the LULUCF sector.

Under such flexibility, all Member States shall be granted a basic amount of compensation calculated on the basis of a factor expressed as a percentage of their reported sink in the period from 2000 to 2009 to compensate for the emissions from managed forest land they have accounted for. It should be ensured that Member States can only be compensated up to the level at which their forests are no longer sinks.

Review: the Regulation shall be kept under review taking into account, inter alia, international developments and efforts undertaken to achieve the long-term objectives of the Paris Agreement. The Commission shall submit a report to the European Parliament and to the Council, within six months of each global stocktake agreed under the Paris Agreement, on the operation of this Regulation.

2030 climate and energy framework: inclusion of greenhouse gas emissions and removals from land use, land use change and forestry

PURPOSE: to contribute to the reduction of total greenhouse gas emissions in the EU over the period 2021-2030 through better protection and management of land and forests throughout the Union.

LEGISLATIVE ACT: Regulation (EU) 2018/841 of the European Parliament and of the Council on the inclusion of greenhouse gas emissions and removals from land use, land use change and forestry in the 2030 climate and energy framework, and amending Regulation (EU) No 525/2013 and Decision No 529/2013/EU.

CONTENT: the Regulation sets out Member States' commitments in the area of land use, land-use change and forestry (LULUCF) which contribute to achieving the objectives of the Paris Agreement and the EU's greenhouse gas emission reduction target for the period 2021-2030.

Accounting rules: the new regulation establishes a framework for accounting for LULUCF emissions and removals. This shall enable the EU to meet its Paris goal of reducing emissions by at least 40% by 2030.

To this end, the Regulation establishes EU-wide accounting rules for LULUCF activities, which have been developed to ensure effective and consistent accounting of emissions and removals generated during the period 2021-2030.

The Regulation applies to reported greenhouse gas emissions and removals occurring within the territory of the Member States and falling under the following land accounting categories: forested land, deforested land, managed cropland, managed grassland, managed forest land.

Wetland accounting shall become mandatory for the period 2026-2030, unless a 5-year deferral is considered appropriate in the light of experience gained from updating the 2006 guidelines for national greenhouse gas inventories prepared by the Intergovernmental Panel on Climate Change (IPCC).

During the period 2021-2025, a Member State may choose to extend its commitment also to managed wetland by notifying the Commission by 31 December 2020.

The Regulation lays down general rules to avoid double counting of emissions or removals, in particular by ensuring that emissions and removals are not accounted for under more than one land accounting category.

Commitments: under the Regulation, all Member States shall ensure that their total emissions in the LULUCF sector are balanced and do not exceed total CO₂ removals.

Flexibilities: the Regulation provides that a Member State may use the general flexibilities as well as flexibilities for the managed forest land to comply with its commitment. This would give Member States some flexibility to temporarily increase their harvest intensity in accordance with sustainable forest management practices that are consistent with the objective set out in the Paris Agreement, provided that within the Union total emissions do not exceed total removals in the LULUCF sector.

Under such flexibility, all Member States shall be granted a basic amount of compensation calculated on the basis of a factor expressed as a percentage of their reported sink in the period from 2000 to 2009 to compensate for the emissions from managed forest land they have accounted for. It should be ensured that Member States can only be compensated up to the level at which their forests are no longer sinks.

Compliance checks: by 15 March 2027 for the period 2021-2025, and by 15 March 2032 for the period 2026-2030, Member States shall be required to submit to the Commission a compliance report containing the balance of total emissions and removals for the relevant period on each of the land accounting categories defined in the Regulation.

On the basis of the compliance reports, the Commission shall prepare a report in 2027 and 2032. The European Environment Agency shall assist the Commission in the implementation of the monitoring and compliance framework.

ENTRY INTO FORCE: 9.7.2018.