

EU Green Deal og Biomasse

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EU GREEN DEAL



TIDSJLINE/TRADE-OFF

2020

- New EU Forest strategy
- 'Farm to fork strategy'
- New Circular Economy Action Plan
- EU Biodiversity Strategy 2030
- Industrial Strategy
- Sustainable Finance Taxonomy 1-2

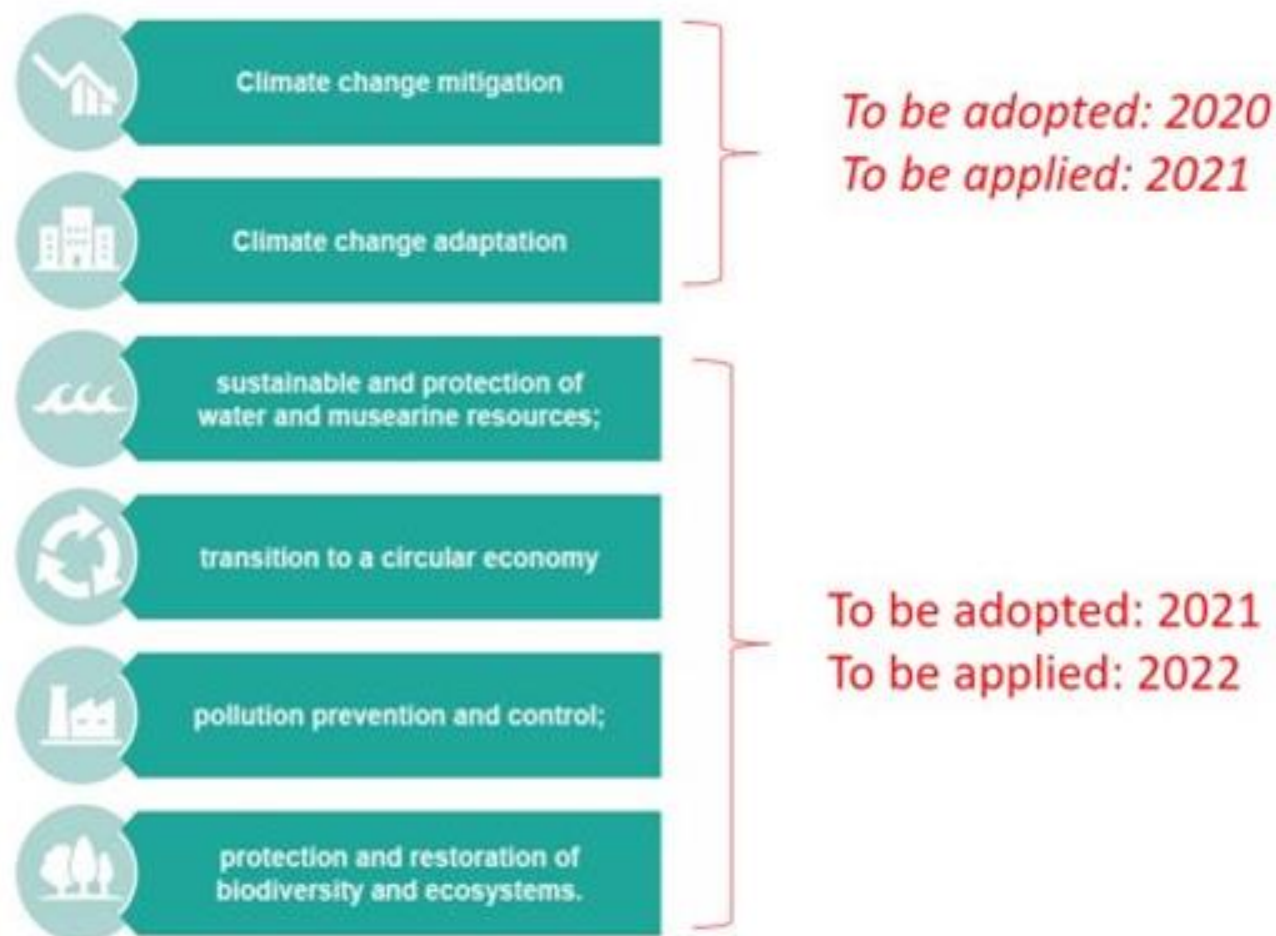
22/01/2021

2021

- EU ETS revision (Q2)
- Carbon Border Adjustment Mechanism (Q2)
- Effort Sharing Regulation (Q2)
- RED II (Q2)
- LULUCF (Q2)
- Biodiversity and toxic free environment package
- Updating new industrial strategy (Q2)
- Sustainable Finance Taxonomy 3 - 6

SUSTAINABLE FINANCE TAXONOMY

- ❖ Taxonomy Regulation
- ❖ Delegated acts for 6 objectives



4.8. Electricity generation from bioenergy

Description of the activity

Construction and operation of electricity generation installations that produce electricity from biomass, biogas and biofuels.

The activity is classified under NACE code D35.11 in accordance with the statistical classification of economic activities established by Regulation (EC) No 1893/2006.

The activity is a transitional activity as referred to in Article 10(2) of Regulation (EU) 2020/852 where it complies with the technical screening criteria specified in this Section.

- ❖ 4.8 electricity generation from bioenergy
- ❖ 4.13 Manufacture of biogas and biofuels for use in transport
- ❖ 4.20 Cogeneration of heat/cool and power from bioenergy
- ❖ 4.24 Production of heat/cool from bioenergy

Technical screening criteria

Substantial contribution to climate change mitigation

1. Agricultural biomass used in the activity complies with the criteria laid down in Article 29, paragraphs 2 to 5, of Directive (EU) 2018/2001. Forest biomass used in the activity complies with the criteria laid down in Article 29, paragraphs 6 and 7, of that Directive.

2. The greenhouse gas emission savings from the use of biomass are at least 80 % in relation to the GHG saving methodology and the relative fossil fuel comparator set out in Annex VI to Directive (EU) 2018/2001.

3. Where the installations rely on anaerobic digestion of organic material, the production of the digestate meets the criteria in Sections 5.6 and criteria 1 and 2 of Section 5.7 of this Annex, as applicable.

4. Points 1 and 2 do not apply to electricity generation installations with a total rated thermal input below 2 MW and using gaseous biomass fuels.

5. For electricity generation installations with a total rated thermal input from 50 to 100 MW, the activity applies high-efficiency cogeneration technology, or, for electricity-only installations, the activity meets an energy efficiency level associated with the best available techniques (BAT-AEELs) as referred to in Commission Implementing Decision (EU) 2017/1442²⁷¹.

6. For electricity generation installations with a total rated thermal input above 100 MW, the activity complies with one or more of the following criteria:

- (a) attain electrical efficiency of at least 36 %;
- (b) generate highly efficient CHP (combined heat and power) as referred to in Directive 2012/27/EU of the European Parliament and of the Council²⁷²;
- (c) use carbon capture and storage technology.

KLIMANØYTRALITET

❖ ikke automatisk klimanøytralt

To incentivise the uptake of carbon removal and increased circularity of carbon, in full respect of the biodiversity objectives, the Commission will explore the development of a regulatory framework for certification of carbon removals based on robust and transparent carbon accounting to monitor and verify the authenticity of carbon removals.

Network for Energy)

❖ Regulatory framework for certification of carbon removals (2023)

Four principles must be met for any practice or technology to be commonly considered as achieving “Carbon Dioxide Removal”.

atmosphere in a manner intended to be permanent.

- 3. Upstream and downstream greenhouse gas emissions, associated with the removal and storage process, are comprehensively estimated and included in the emission balance.*
- 4. The total quantity of atmospheric carbon dioxide removed and permanently stored is greater than the total quantity of carbon dioxide emitted to the atmosphere.*

Q&A

Thank you for your attention!

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