The Commission is requested under Article 27(3) of Directive (EU) 2018/2001 to adopt a delegated act setting out a Union methodology ensuring that the electricity used for the production of renewable liquid and gaseous transport fuels of non-biological origin is of renewable origin. Criteria on additionality and temporal and geographical correlation are instrumental to ensure this objective. In the preparation of the delegated act, the Commission is bound by conditions and criteria set out in the Renewable Energy Directive. Technical constraints and the nascent stage of the renewable hydrogen ecosystem will also be taken into account.

While other forms of fossil-free hydrogen, notably nuclear-based, may also play a role, the Commission considers that following Russia’s invasion of Ukraine the level of ambition for renewable hydrogen in 2030 should be increased to 20 million tons. The main instrument to ensure that hydrogen is fully renewable are the criteria on additionality and temporal and geographical correlation to be set out in the delegated act to be adopted according to Article 27(3) of Directive (EU) 2018/2001. The Commission has put forward a public consultation on its draft delegated act. Following the four weeks’ consultation, the final delegated act will be submitted to the European Parliament and the Council, which has two months to accept or object.

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2 https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/7046068-Production-of-renewable-transport-fuels-share-of-renewable-electricity-requirements-_en