

# Strategies toward European Green Deal Implementation to Make Nutrients Management More Sustainable

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## ABSTRACT

In 2019, the European Commission (EC) presented a European Green Deal (EGD) as a new growth strategy that aims to transform the European Union (EU) into a fair and prosperous society, with a modern, competitive and resource-efficient economy. It contains an action plan to boost the efficient use of resources and restore biodiversity, and cut pollution. Currently, individual strategies for the EGD are systematically published by the EC. This paper presents an inventory of strategies that focus to make nutrients management more sustainable. Review of international literature (EU documents and scientific articles) was conducted, to identify actions and plans for a more sustainable use of nutrients in the EGD. In this context the most important strategies are Farm to Fork strategy, Circular Economy Action Plan, Biodiversity Strategy and European Climate Pact. These documents include recommended actions to ensure more sustainable application of nutrients and stimulation of markets for recovered nutrients. Further efforts are planned to be implemented, as an Integrated Nutrient Management Plan. These actions strive for climate neutrality, indicated as the main climate goal in Europe until 2050. This work was funded by the Statutory Research of the Division of Biogenic Raw Materials, Mineral and Energy Economy Research Institute, Polish Academy of Sciences.

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