

ASSESSMENT OF THE PROSPECTS FOR DECARBONIZATION OF THE PLANT GROWING INDUSTRY OF THE KABARDINO-BALKARIAN REPUBLIC

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Abstract. The authors made the analysis of the requirements for the development of technologies for negative emissions, ensuring the transition of plant growing of the Kabardino-Balkarian Republic to low-carbon production. The assessment of the prospects for decarbonization of the industry based on preliminary research results indicating the possibility of CO₂ sequestration by local arable soils is provided.

Keywords: decarbonization of crop production, technologies of negative emissions, sequestration, carbon footprint, CO₂, humus.

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