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Impact of Future High-Variable Renewable Energy Mixes on 2030 Sustainability and Climate Change Goals

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This paper examines the present situation and evolution of the power mix and greenhouse gas emissions at global level to meet Sustainable Development Goals (SDGs) with a holistic model. We have performed a descriptive analysis of the latest trends. Based mainly on selected scenarios of high-VRES, to achieve desired targets, using a holistic model approach, our results identify the feasibility of selected target goals by 2030 at global and regional level.
Results can provide key findings that policymakers, governments, and energy industries could benefit to achieve desirable Sustainability Development Goals.

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