

NEW CONTRIBUTIONS OF THE THESIS

Thesis topic: “Stakeholder engagement in science technology and innovation policy-making process from transformative innovation policy paradigm in renewable energy sector in Vietnam”

Major: Science and Technology Management Code: 9340412

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New academic, theoretical and practical contributions:

- **Academic, theoretical contributions:** The thesis contributes to the transformative innovation policy research in Vietnam when building a theoretical basis for determining the influencing aspects of stakeholder participation on the output of each stage in the policy-making process according to the transformational innovation policy (TIP) paradigm. While previous traditional approaches have mainly focused on the outputs of policymaking process of economic growth and competitiveness, this study has identified outputs under the TIP that need to address both environmental and social aspects to guide policies to address major challenges in sustainable development. Accordingly, the participation of stakeholders affects the identification, promulgation, implementation, and evaluation: (1) policy objectives to promote science, technology and innovation to solve social, environmental and economic challenges; (2) diverse, interdisciplinary and cross-sectoral policy solutions to solve major social and environmental challenges.

- **Practical contributions:** On the basis of the analysis of the current situation of the relationship and the impact of the enterprises’ participation as stakeholder playing a central role in the innovation system to the outputs of each stage in the policy-making process within the renewable energy sector in Vietnam according to the TIP paradigm, the thesis recommends that the State should pay special attention to solutions to create motivation and pressure for enterprises to carry out scientific and technological activities for sustainable development, thereby increasing the participation of enterprises in the formulation, criticism and supervision of the implementation of laws, mechanisms and policies of the State.

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