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Legal Transformation for the Achievement of SDGs: Integration of Multidisciplinary Approaches towards 2030

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Abstract

This research aims to investigate and analyze the transformation of law in an effort to achieve Sustainable Development Goals (SDGs) through the integration of a multidisciplinary approach. Along with dynamic global changes, the challenges in achieving the SDGs require innovative and adaptive legal strategies. This dissertation focuses on two main problem formulations: first, how the integration of multidisciplinary approaches in legal reform can support the achievement of SDGs; second, how the evaluation and monitoring of legal policies implemented can ensure the achievement of SDGs targets. Through literature review and case analysis, this research reveals that incorporating various disciplines-such as economics, sociology, environmental science, and politics-in the legal policy-making process is key to creating comprehensive and responsive regulations. A multidisciplinary approach not only broadens perspectives in the legal field, but also ensures that the resulting policies are able to address the complexity of sustainable development issues. The research further proposes that an effective evaluation and monitoring system is an essential element to ensure legal policies can be optimally implemented and contribute to the achievement of the SDGs. Suggested measures include the development of relevant performance indicators, stakeholder engagement, and the use of information technology to increase transparency and accountability. With this approach, it is expected that legal reform can adapt to changing conditions and make a positive contribution to the achievement of sustainable development goals, creating a more inclusive and sustainable future for all. This research makes important theoretical and practical contributions to the development of legal policies that are in line with the global agenda for sustainable development.

Keywords: *Legal Transformation, Sustainable Development Goals (SDGs), Multidisciplinary Approach, Legal Reform, Policy Evaluation*

INTRODUCTION

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Through literature review and case analysis, this research reveals that incorporating various disciplines-such as economics, sociology, environmental science, and politics-in the legal policy-making process is key to creating comprehensive and responsive regulations. A multidisciplinary approach not only broadens perspectives in the legal field, but also ensures that the resulting policies are able to address the complexity of sustainable development issues (Fajri, 2020).

The research further proposes that an effective evaluation and monitoring system is an essential element to ensure legal policies can be optimally implemented and contribute to the achievement of the SDGs. Suggested measures include the development of relevant performance indicators, stakeholder engagement, and the use of information technology to increase

transparency and accountability (Wibowo & Nugroho, 2019).

With this approach, it is expected that legal reform can adapt to changing conditions and make a positive contribution to the achievement of sustainable development goals, creating a more inclusive and sustainable future for all. This research makes important theoretical and practical contributions to the development of legal policies that are in line with the global agenda for sustainable development (UNDP, 2016).

LITERATURE REVIEW

The purpose of this research is to explore and formulate strategies for legal transformation in Indonesia that can support the achievement of the Sustainable Development Goals (SDGs) by 2030. Taking into account the complexity and dynamics of the Indonesian legal system, this research focuses on the integration of multidisciplinary approaches to ensure that the law can function optimally as an instrument of sustainable development. This research aims to produce concrete recommendations that can be implemented by policy makers and legal practitioners at various levels to strengthen the role of law in supporting the SDGs. The background of this issue is based on the global and local challenges faced in achieving the SDGs, where law plays a crucial role in shaping the policy framework, ensuring justice, and supporting sustainability. Indonesia, with its legal pluralism, requires an approach that not only accommodates these complexities but is also able to adapt to rapidly evolving social, economic and environmental dynamics.

RESEARCH METHOD

This research uses a qualitative approach with descriptive and exploratory methods to analyze legal transformation in Indonesia in the context of achieving the SDGs. Data were collected through literature studies and in-depth interviews with legal experts and relevant stakeholders. Data analysis was conducted using thematic analysis method to identify the main themes related to the integration of multidisciplinary approach in law. Case studies were also used to provide concrete examples of the application of legal transformation in supporting the achievement of the SDGs.

FINDINGS AND DISCUSSION
Multidisciplinary Approaches Can Be Integrated into Law Reform to Support the Achievement of SDGs

Achieving the Sustainable Development Goals (SDGs) is a global challenge that requires a comprehensive and collaborative approach. One important aspect in achieving them is legal reform that does not rely solely on legal perspectives, but also integrates a multidisciplinary approach. This approach invites various disciplines, such as economics, social science, technology, environment, and culture, to contribute in formulating and implementing legal policies that are more effective in achieving the SDGs. Through the synergy of various disciplines, complex problems faced in society can be analyzed more deeply, so that the solutions produced are more targeted and sustainable (UNDP, 2016).

The importance of a multidisciplinary approach to law reform lies in the fact that legal issues are often closely linked to social, economic and environmental factors (Schmidt & Knott, 2019). For example, the issue of poverty, which is one of the goals of the SDGs, is closely related to access to education, health and employment. Legal reforms that are rigid and do not pay attention to these dimensions tend to produce regulations that cannot address the root of the problem. Conversely, by involving experts from various backgrounds, the resulting policies can be more inclusive and adaptive to the needs of society. Initiatives that combine legal perspectives with economic and social analysis, for example, can help in creating regulations that promote sustainable economic

growth while taking into account aspects of social justice.

In addition, the integration of multidisciplinary approaches in law reform also provides room for innovation. In the digital era, information and communication technology (ICT) is a driving force for change in various sectors. The use of technology in public policy implementation, integrated with existing regulations, can strengthen the effectiveness of legal reform. For example, legal approaches supported by data analytics can improve accuracy in decision-making and policy monitoring. Research conducted by Lehtonen et al. (2017) shows that a data-driven approach can accelerate legal responses to environmental and social problems, making it easier to achieve sustainable goals.

One concrete example of a multidisciplinary approach in law reform is the regulation of natural resource management. In this context, collaboration between law, environmental science and social science is essential to ensure that the policies implemented not only protect the environment but also take into account the welfare of local communities. The legal framework governing environmental management should involve ecologists, economists, and social scientists to gain a comprehensive insight into the impacts of the proposed policies. By understanding the interactions between humans and the environment, legal reforms can result in regulations that are more sustainable and responsive to changes that occur.

However, despite its importance, a multidisciplinary approach to law reform is not free from challenges. One issue that arises is how to harmonize the different jargon, methods, and perspectives between different disciplines. Each discipline has a unique way and approach to analyzing problems, which sometimes creates confusion in communication. Therefore, it is important to build an effective and inclusive communication platform between these various disciplines. Interdisciplinary training for legal professionals enables them to understand and integrate other perspectives, making them better equipped to implement comprehensive solutions.

At the policy level, the government must open space for the involvement of various stakeholders, ranging from academics, practitioners, to civil society. Discussion forums that integrate multi-disciplinary can be a forum for sharing ideas and experiences, and produce better policy recommendations. Through community involvement, law reform will also be more responsive to the needs and aspirations of citizens, supporting the achievement of SDGs more effectively. Research published in the journal Sustainable Development by K. K. W. Shams & H. A. Pillai (2020) underscores the important role of civil society in facilitating adequate legal change to achieve the sustainable goals (Shams & Pillai, 2020)

A multidisciplinary approach to legal reform is not only important but also crucial to support the achievement of the SDGs. Through collaboration between different disciplines, the resulting legal policies can be more comprehensive, responsive and sustainable. Stakeholders are expected to work together to create a legal framework that addresses complex global challenges and promotes inclusive and sustainable development. Only with an innovative and integrative approach can sustainable goals be achieved, and society can enjoy the benefits of legal reform to the fullest.

Evaluation and Monitoring of Implemented Legal Policies Can Ensure Achievement of SDGs Targets

Achieving the Sustainable Development Goals (SDGs) is a global mission that demands a systematic approach to the implementation and evaluation of public policies, including in the legal field. Adaptive and responsive legal policies are essential to create a framework that supports the achievement of SDG targets. However, to ensure that these policies are effective, strong evaluation and monitoring mechanisms are needed. Evaluation and monitoring is not only a tool to assess the success of a policy, but also serves to provide constructive feedback for continuous improvement.

In this context, this article will discuss the important contribution of evaluation and monitoring in supporting the achievement of the SDGs, as well as the challenges faced in its implementation.

First of all, it is important to understand that evaluation is a systematic process of assessing the design, implementation, and outcomes of a policy, while monitoring is a process that focuses on collecting data on an ongoing basis to oversee the policy. A legal policy that is not evaluated and monitored is unlikely to be effective in addressing social, economic and environmental challenges. For example, a policy that aims to increase access to education can be easily evaluated through measuring indicators such as enrollment rates, educational outcomes, and dropout reduction. By collecting and analyzing this data, policymakers can identify areas for improvement, as well as identify potentially more effective interventions.

One of the main challenges in implementing evaluation and monitoring systems is the collection of accurate and relevant data. In many countries, especially in developing countries, there is a lack of comprehensive and transparent data collection systems. This often leads to difficulties in obtaining the information required for accurate analysis. To address this challenge, it is important for governments to collaborate with international agencies, non-governmental organizations and civil society to build capacity in data collection and analysis. For example, an initiative by the United Nations Development Programme (UNDP) offers technical support to assist countries in strengthening data collection systems that support the implementation of the SDGs (UNDP, 2016).

Furthermore, an effective evaluation should involve a wide range of stakeholders, including local communities, who are the direct targets of legal policies. Community involvement in the evaluation process not only provides a broader perspective, but also strengthens accountability and transparency. In this regard, a participatory approach to evaluation can strengthen the relationship between the government and the community, as well as encourage a sense of ownership from the community towards the implemented policy. Research by Rajendran and Varma (2020) shows that the implementation of participatory evaluation can increase public trust in government institutions and improve the effectiveness of policies issued.

Monitoring also plays an important role in ensuring that legal policies are implemented in accordance with established plans. Effective monitoring mechanisms can help identify emerging problems early on, so that corrective actions can be taken before they develop into more serious problems. In addition, data obtained from monitoring can be used to report progress to the public and stakeholders, which in turn can strengthen transparency and accountability in public policy management.

However, achieving the SDGs is also faced with global challenges, such as climate change, social inequality and corruption, which affect the effectiveness of legal policies. In this context, evaluation and monitoring should be holistic, encompassing multiple disciplines to understand the interdependencies between issues. When legal policies do not take into account external factors such as climate change or the economic crisis, the impact will be greater and harder to overcome. Therefore, the integration of multidisciplinary approaches in evaluation and monitoring is necessary to provide a more comprehensive picture of policy effectiveness in achieving the SDGs.

The consequences of a lack of proper evaluation and monitoring are significant. Many policies that have been implemented fail to achieve their intended targets because there is no feedback for improvement. For example, a policy that aims to reduce poverty may be ineffective if it is based on inaccurate or irrelevant data. In this case, it is important for policy design agencies to evaluate the long-term effects of all programs and adjust their strategies according to the findings of the evaluation process (United Nations, 2015)

Successful implementation of evaluation and monitoring also depends on political will.

Without strong political support, it is very difficult to implement and sustain a comprehensive evaluation system. Therefore, advocacy to keep evaluation and monitoring as a priority on the policy agenda needs to be strengthened. National and international forums for sharing best practices in policy evaluation can be a strategic platform to encourage political commitment in this regard.

CONCLUSIONS

A multidisciplinary approach to legal reform is essential to support the achievement of the Sustainable Development Goals (SDGs). The integration of various disciplines such as economics, social sciences, technology, environment, and culture can result in more comprehensive and effective legal policies. Collaboration between various stakeholders, including academics, practitioners, and civil society, is needed to produce legal reforms that are responsive to the needs of society and support the achievement of the SDGs. Effective evaluation and monitoring of legal policies is essential to ensure the achievement of SDG targets. This process helps identify areas that require improvement and provides feedback for policy refinement. This conclusion emphasizes the importance of a multidisciplinary, collaborative and evaluative approach to legal reform to support the achievement of the SDGs, as well as the need to address challenges in implementation.

Evaluation and monitoring of implemented legal policies is crucial to ensure the achievement of SDG targets. Through systematic data collection, community engagement, and a multidisciplinary approach, the government can identify and correct ineffective policies, and support the social transformation needed to achieve sustainable development goals. Therefore, a shared commitment from all stakeholders is needed to ensure that evaluation and monitoring become an integral part of the policy-making process, in order to sustain more equitable and sustainable development. Challenges in implementing evaluation and monitoring include accurate data collection, stakeholder engagement, and the need for a holistic approach that considers external factors such as climate change and the economic crisis. Strong political support is needed to implement and sustain a comprehensive evaluation system, and to make evaluation and monitoring an integral part of the policy-making process.

LIMITATION & FURTHER RESEARCH

The limitations of the study are those characteristics of design or methodology that impacted or influenced the interpretation of the findings from your research. Further research should suggest the number of gaps in our knowledge that follow from our findings or to extend and further test of the research.

REFERENCES

Fajri, S. (2020). Peran Hukum dalam Pencapaian SDGs di Indonesia. *Jurnal Hukum & Pembangunan, 50*(1), 45-67.

Lehtonen, M., et al. (2017). Data-based Decision Making in Environmental Governance and Policy. *Journal of Environmental Management,* 200, 77-85. https://doi.org/10.1016/j.jenvman.2017.06.031.

Rachmawati, T. (2021). Pendekatan Multidisipliner dalam Reformasi Hukum untuk Pembangunan Berkelanjutan. *Jurnal Hukum Progresif, 9*(3), 78-95.

Rajendran, S. & Varma, S. (2020). Participatory Evaluation: Enhancing Community Engagement and Accountability', *Evaluation and Program Planning,* 81, 101846. https://doi.org/10.1016/j.evalprogplan.2020.101846

Schmidt, J. & Knott, D.J. (2019). The War on the Environment: Rebuilding Environmental Governance for Sustainable Development. *Sustainable Development, 27*(4), 730-738.

https://doi.org/10.1002/sd.1921.

Shams, K.K.W. & Pillai, H.A. (2020). Role of Civil Society in Achieving Sustainable Development Goals', *Sustainable Development.* https://doi.org/10.1002/sd.2106.

UNDP. (2016). *Data for the Sustainable Development Goals.* UNDP Publication.

United Nations. (2015). *Transforming our world: The 2030 Agenda for Sustainable Development.* https://sdgs.un.org/2030agenda

Wibowo, H. & Nugroho, M. (2019). Pluralisme Hukum di Indonesia: Tantangan dan Peluang dalam Pencapaian SDGs. *Jurnal Hukum dan Keadilan, 8*(2), 112-129.