

## **BUILDING A SUSTAINABLE FUTURE: A LITERATURE REVIEW ON CIRCULAR ECONOMY IMPLEMENTATION**

**Moh. Yamin Darsyah<sup>1</sup>, Caroline Caroline<sup>2</sup>, Redi Yana Kapisa<sup>3</sup>**

<sup>1</sup>UIN Walisongo Semarang, Indonesia

<sup>2</sup>Universitas Sultan Fatah, Indonesia

<sup>3</sup>Sekolah Tinggi Ekonomi Islam Bina Muda Bandung, Indonesia

Email: [mydarsyah@walisongo.ac.id](mailto:mydarsyah@walisongo.ac.id)<sup>1</sup>, [caroline@unisfat.ac.id](mailto:caroline@unisfat.ac.id)<sup>2</sup>, [rediyanakapisa@steibinamuda.ac.id](mailto:rediyanakapisa@steibinamuda.ac.id)<sup>3</sup>

Received : 17 February 2025

Published : 20 April 2025

Revised : 28 February 2025

DOI : <https://doi.org/10.54443/morfai.v5i2.2777>

Accepted : 23 March 2025

Link Publish : <https://radjapublika.com/index.php/MORFAI/article/view/2777>

### **Abstract**

The implementation of a circular economy is at the forefront of global efforts to create a sustainable future. The circular economy aims to maximise the efficiency of material and energy flows by replacing the linear 'take, make, dispose' model with one that supports reuse, repair and recycling. This literature review explores the key success factors, key challenges, and potential benefits of implementing a circular economy. The findings show that multi-stakeholder engagement, supportive policies, as well as technological innovation and product design are critical for successful implementation. However, barriers such as limitations in product design, inadequate infrastructure, and lack of public awareness are challenges that must be overcome through cross-sector collaboration. The study also highlights the contribution of the circular economy to the achievement of sustainable development goals, including the creation of new jobs and driving innovation. With an integrative and strategic approach, the circular economy has the potential to be an important step in addressing global environmental challenges.

**Keywords:** *Sustainable Future, Circular Economy Implementation, Literature Review.*

### **Introduction**

In the second half of the 20th century, the world witnessed rapid economic growth characterised by industrialisation and increased consumption of natural resources. Industrialisation has been the mainstay of economic growth in many countries. The massive process of industrialisation has increased production capacity, created new jobs, and raised people's living standards (Lacy & Rutqvist, 2015). However, all these achievements come at a significant cost to the environment. As the number of industries grows, there is a sharp increase in the consumption of energy and natural resources. The excessive extraction of raw materials, such as metals, minerals and fossil fuels, to support industrial activities has led to the destruction of natural ecosystems, depletion of resource reserves and loss of biodiversity. The resulting industrial waste also adds to the burden of air, soil and water pollution, all of which contribute to the global ecological crisis (Ellen MacArthur Foundation, 2013).

At the same time, society's consumption patterns are undergoing a marked change, driven by urbanisation and increased consumer purchasing power. Products that were once seen as luxuries are now everyday necessities, fuelling continuous demand that often exceeds nature's regenerative capacity. Increased consumption has fuelled the rapid cycling of goods from production to disposal, resulting in unmanageable waste piles (Lieder & Rashid, 2022). This challenge is compounded by the reliance on single-use items that accelerate the rate of waste disposal. This situation creates an urgency to identify and implement sustainable solutions that can balance economic needs with environmental protection, one of which is through the application of the circular economy concept (Prieto-Sandoval et al., 2022).

While this has brought many economic benefits, the negative environmental impacts have been significant. The traditional linear economic model, where products are made, used and then disposed of, has led to overexploitation of resources, increased waste volumes, and environmental degradation. As a result, issues such as climate change, natural resource depletion, and pollution are becoming increasingly thorny and urgent to address (Murray et al., 2022). In the midst of this environmental crisis, the concept of circular economy emerges as a promising alternative. A circular economy is an economic system that aims to minimise waste and maximise the use of natural resources by adopting principles such as reduction, reuse, repair, and recycling. In a circular economy,

products and materials are designed to have a longer life cycle and can be reused or recycled after reaching the end of their useful life, thereby reducing pressure on the environment and depletion of natural resources (Webster, 2023). This approach focuses on creating sustainable value by keeping products, components and materials in economic circulation for as long as possible and encouraging innovation in product design and environmentally friendly business models. In contrast to the linear economy, the circular economy model focuses on longer product life cycles, where the principles of reduce, reuse and recycle are strictly implemented. This principle involves the redesign of production and consumption processes to make more efficient use of resources and minimise environmental impacts (Yuan & Hunt, 2009).

Countries around the world, both developed and developing, are starting to adopt the circular economy approach as an effort to achieve sustainability. However, the implementation of the circular economy is not easy and is faced with various challenges, both in terms of technology, regulation, as well as changes in the behaviour of society and industry (Homrich et al., 2022). This research is motivated by the urgent need to understand how the circular economy can be effectively implemented across different economic sectors and environments. By conducting a comprehensive literature review, this research aims to identify best practices, evaluate implementation successes and failures.

## **Research Methods**

The study in this research uses the literature method. The literature research method is a systematic approach used to collect, assess, and analyse existing literature related to a particular topic or field. In this method, researchers explore various sources such as books, journal articles, research reports, and other publications to understand existing theoretical and empirical developments. Stages in literature research include identifying research questions, searching for relevant literature, evaluating the quality and credibility of sources, and preparing a summary or synthesis of findings from various studies (Firman ;, 2018) (Suyitno, 2021). The main purpose of literature research is to provide a comprehensive overview of existing knowledge, identify research gaps, as well as assist in formulating further hypotheses or research designs. This method is vital for establishing a conceptual foundation and context for subsequent empirical research (Jelahut, 2022).

## **Results and Discussion**

### **Circular Economy Concept**

Circular economy is an economic concept that seeks to create a closed system that maximises resource use by reducing waste, pollution, and energy consumption. The key principle of the circular economy is to shift the focus from the linear economic model of "take, make, and throw" to a more sustainable model through reduction, reuse, repair, and recycling. It aims to ensure that products, materials and resources remain in the economic cycle for as long as possible and generate minimal environmental impact (Stahel, 2023).

One of the key elements of the circular economy is product design that takes sustainability into account. At the design stage, products should be planned to be easy to repair, upgrade and recycle. This can be achieved through the selection of eco-friendly materials, modular designs that allow for the replacement of certain parts without discarding the entire product, and design strategies that prioritise the entire product lifecycle. This kind of proactive design aims to extend product life and reduce ecological footprint (González-Sánchez et al., 2023).

The circular economy promotes innovative and more sustainable business models, such as service-based models where companies retain ownership of products and sell the services provided by those products (e.g. tool rental or sharing platforms). In addition, companies can also implement product return and recycling schemes that incentivise consumers to return unused products. Such business models not only reduce waste but also create new opportunities for the development of greener industries (De los Rios & Charnley, 2023).

Effective resource management is an important component of the circular economy. This includes the utilisation of recycled materials, energy efficiency, and the recovery of resources from products that have reached the end of their useful life. An example is the recycling of electronics and batteries, where valuable materials such as precious metals and rare earths can be recovered and used in new production. Such careful management reduces the need for new resource extraction and minimises the impact on the environment (Rashid et al., 2022).

Consumers also play an important role in the circular economy. Changes in consumer behaviour, such as preferences for products that can be repaired, loaned or rented, play a key role in supporting these initiatives. More environmentally conscious consumers are more likely to participate in recycling programmes and adopt a more sustainable lifestyle. Increased education and awareness about the benefits of a circular economy can help accelerate the shift from a linear to a circular economy (Tukker, 2022). Governments and regulatory bodies play an important role in encouraging the implementation of a circular economy. Policies that support green innovation, incentives for recycling, taxes on single-use products, and strict regulations on pollution and solid waste can accelerate the adoption

of circular practices. In addition, investments in recycling infrastructure and the development of green technologies are also needed to support this transition. Collaboration between public and private sectors is essential to create an ecosystem that supports a circular economy (Bocken et al., 2022) .

The implementation of a circular economy has a wide range of potential positive impacts, including the reduction of production costs, the creation of new jobs in growing sectors, as well as increased resilience to raw material price fluctuations. However, there are also significant challenges, such as the need to shift established industry paradigms, overcome technical barriers in design and manufacturing, and ensure co-operation between various stakeholders. Achieving success will require long-term commitment and fundamental changes in the way we produce and consume goods and services.

### **Supporting and Hindering Factors for Circular Economy Implementation**

A key enabler of circular economy implementation is the existence of progressive government policies that encourage the use of recycled materials and offer incentives for companies that adopt environmentally friendly practices. Growing consumer awareness and demand for sustainable products is also an important driver in encouraging companies to shift to a circular economy model (Pauliuk et al., 2023) . Technological innovations that enable increased efficiency in resource use are another important factor, as advanced technologies can help in waste treatment and raw material reuse. Collaboration between industry players to share knowledge and resources can also greatly accelerate the implementation of the circular economy through the creation of efficient logistics and recycling systems (Park & Chertow ., 2022)

On the other hand, the high initial cost of adopting new technologies and infrastructure is one of the main barriers for enterprises, particularly small and medium-sized enterprises, which sometimes struggle to gain access to capital. Another obstacle is the lack of adequate supporting infrastructure in many areas, such as waste treatment facilities and effective waste collection systems, which are crucial to support circular economy practices. Resistance to change is also a major challenge, with companies reluctant to change their long-standing production and consumption patterns in the absence of strong incentives or coercion. Low levels of education and awareness of the benefits of the circular economy among businesses and society at large can also hinder the adoption of these practices (Kirchherr et al., 2023) .

To overcome these challenges, a co-operative approach between the government, industry and society is necessary. The government can bridge the gap by providing more incentives and support for research and development of green technologies. At the same time, education and awareness campaigns on the benefits of circular economy should be enhanced to encourage more sustainable consumption and production. Cross-sector collaboration is also important to create more comprehensive solutions, such as more effective waste management systems and better recycling infrastructure (European Commission, 2015) .

In the long run, the implementation of a circular economy can yield many benefits, including reduced waste, more efficient use of resources, and the creation of new economic opportunities. While the challenges faced are considerable, the potential benefits derived from this transformation make it a goal worth pursuing. With adequate support from all stakeholders, a circular economy is not only possible, but can also become a standard in future industrial practices (Korhonen et al., 2022) .

In an effort to create a circular economy, collaboration between various parties is key to successful implementation. Both the government, the business sector, and the general public need to play an active role in this process. For example, the government can strengthen regulations and incentives that support circular economy practices, while the business sector should innovate and find ways to integrate circular economy principles into their supply chains. In addition, the public needs to be encouraged to adopt a more environmentally conscious lifestyle, such as by increasing recycling habits and reducing the use of disposable goods (Potting et al., 2022) .

In addition to collaboration, it is also important to develop the right technology to support the circular economy. These technologies could be new methods for material recycling, waste-to-energy processing, or more efficient logistics systems to reduce carbon footprints. Investment in research and development in this area will be crucial to create solutions that can be widely implemented and support the long-term goals of the circular economy (Blomsma & Tennant, 2023) .

Changes in consumption and production patterns are also needed to support a circular economy. Manufacturers should start considering more sustainable product design, for example by making products more durable, repairable or recyclable. On the other hand, consumers also need to change their consumption behaviour, for example by being more selective in choosing environmentally friendly products and reducing wastage (Geissdoerfer et al., 2022) . In achieving the success of a circular economy, monitoring and evaluation must also be carried out continuously. This aims to ensure that the steps taken are correct and effective in achieving the desired goals. With accurate data, strategies and policies can be quickly adjusted to overcome obstacles and capitalise on

new opportunities (Ghisellini et al., 2022) . Successful initiatives and pilot projects can also inspire and trigger wider adoption. Successful examples from countries or companies that have successfully implemented the circular economy can be modelled and adapted to suit the local context. This will accelerate learning and adoption of best practices across sectors and regions (Su et al., 2023) .

As such, the implementation of a circular economy requires active support from various stakeholders as well as a number of enabling factors that must be carefully prepared. While there are a number of barriers to overcome, such as high initial costs and resistance to change, the long-term benefits of a circular economy are immense. With good cooperation, technological innovation, changes in consumption patterns, and continuous monitoring, the circular economy can be realised and benefit all parties, both environmentally and economically.

### **Evaluating the Success of Circular Economy Implementation**

Evaluating the success of circular economy implementation requires a thorough assessment of the various aspects involved in the process. One of the key indicators used in this evaluation is waste reduction and improved resource use efficiency. The collection of quantitative data such as the amount of waste reduced, recycling rates, and reuse of raw materials, can provide a clear picture of how effectively a circular economy initiative is being implemented (Lacy & Rutqvist ., 2015)

Another aspect to consider is the economic impact of circular economy implementation. Success can be measured through the creation of new employment opportunities in green sectors, increased revenue for companies that shift to circular business models, and production cost savings due to more efficient use of resources. Statistical data and company financial reports can be a valuable source of information in this assessment (Ellen MacArthur Foundation, 2013) .

Furthermore, it is important to evaluate the social impacts of implementing a circular economy. This includes changes in consumer behaviour towards more responsible consumption patterns, as well as increased public awareness on the importance of environmental conservation. Surveys and case studies can be used to measure changes in community attitudes and behaviours as well as to assess community participation in circular economy programmes (Lieder & Rashid, 2022) .

Environmental aspects are also a crucial part of this evaluation. The implementation of circular economy is expected to reduce carbon footprint, lower pollution levels, and maintain biodiversity. Environmental research involving air, water and soil quality measurements can be used to assess how far the environmental targets have been achieved (Prieto-Sandoval et al., 2022) .

The long-term sustainability of the circular economy must also be evaluated. This includes analysis of supportive policies and regulations, synchronisation between the government, private sector, and communities, and the financial sustainability of projects. This evaluation can be done through policy reviews, stakeholder interviews, and analyses of strategic documents (Murray et al., 2022) .

On the technology side, innovations that support the circular economy are also indicators of success. Improvements in recycling technologies, development of environmentally friendly materials, and efficient waste management systems can be important benchmarks. Data on research and development and adoption of new technologies can provide a snapshot of progress on this aspect (Webster, 2023) .

In addition to these direct indicators, the evaluation of success should also consider any resistance or challenges encountered during implementation. Barriers such as high initial costs, cultural resistance, or lack of infrastructure also need to be identified and analysed. Overcoming these challenges requires specific strategies that need to be developed based on the initial evaluation (Su et al., 2023) .

Finally, to get a comprehensive picture of the success of circular economy implementation, periodic reviews and transparent reporting should be conducted. This report should cover all aspects mentioned above and provide recommendations for future improvements. With a comprehensive and continuous evaluation approach, it is hoped that the implementation of circular economy can achieve the expected goals and provide maximum benefits for the environment, economy, and society as a whole.

### **Challenges and Barriers to Circular Economy Implementation**

The circular economy is a concept that promises to solve environmental and economic problems by optimising the use of resources, reducing waste, and recycling used products. However, the implementation of this concept is still faced with various complex challenges. One of the main challenges is the lack of awareness and understanding among the public and businesses about the importance of circular economy. Many people are still stuck on the linear economy paradigm that prioritises production, use and disposal as a natural cycle that does not need to be changed (Ghisellini et al., 2022) .



Other barriers that arise are infrastructure and technology issues. The implementation of a circular economy requires adequate infrastructure to support recycling and waste treatment. In many countries, such infrastructure is still very limited and uneven, making it difficult to implement sustainable policies. This problem is also compounded by the lack of investment and technological support needed to process waste into reusable materials (Geissdoerfer et al., 2022) .

Government regulations and policies also play an important role in implementing a circular economy. Unfortunately, in many places supportive regulations are not fully in place or have not been implemented effectively. Policy inconsistencies between government agencies often cause confusion and uncertainty among businesses. Clear and consistent policies, as well as incentives for companies that want to implement a circular economy, are needed to overcome these barriers (Blomsma & Tennant, 2023) .

Apart from regulatory barriers, economic and financial aspects are also a challenge. Many companies are still hesitant to invest in the circular economy system due to concerns about high start-up costs and uncertainty in return on investment. Innovative funding schemes and financial support from the government could be a solution to overcome these barriers. In addition, partnerships between public and private sectors in sharing risks and benefits could also be a strategic move (Potting et al., 2022) .

Training and education for human resources is equally important. The implementation of a circular economy requires a workforce that has specialised knowledge and skills in redesigning products, managing waste, and applying recycling technologies. Education and training programmes specifically designed to support the transition to a circular economy are urgently needed. Without competent human resources, implementation efforts will be very difficult to succeed (Korhonen et al., 2022) .

Cultural challenges cannot be ignored either. The shift from a linear economy to a circular economy often requires significant cultural changes at both the individual and organisational levels. People must be accustomed to using and disposing of products more wisely. This requires not only extensive socialisation, but also an approach that involves all levels of society, including education from an early age on the importance of protecting the environment (European Commission, 2015) .

Co-operation and synergy between various parties is essential in addressing these challenges. Governments, private sectors, community organisations, and individuals need to work together in harmony. A collaborative approach will enable the creation of an ecosystem that supports the circular economy. This includes developing a joint roadmap that contains strategic and measurable steps (Kirchherr et al., 2023)

Finally, there is also a need for continuous evaluation and improvement of the process. In implementing a circular economy, a monitoring and evaluation system is needed to ensure that the policies implemented are fit for purpose. The limited data and information on the impact of the circular economy needs to be addressed by continuous research and development. Thus, the circular economy can truly be a sustainable solution to environmental and economic problems.

## **Conclusion**

Circular economy is a new paradigm that aims to replace the traditional wasteful linear economic model centred on 'take, make, throw' with a more environmentally friendly approach. Through the implementation of a circular model, material and energy flows can be maximised to reduce waste and natural resource use. The literature review shows that key success factors for the implementation of a circular economy include commitment from stakeholders, a supportive policy framework, as well as technological innovation and product design that can extend the useful life of goods.

The implementation of the circular economy faces various challenges, including limitations in product design, inadequate waste treatment infrastructure, and a lack of awareness and education among communities and corporations. Much literature suggests that overcoming these challenges requires cross-sector collaboration involving government, industry, and civil society. In addition, clear and appropriate incentives and regulations can encourage more companies to adopt circular economy practices.

The results also highlight the importance of integrating the circular economy in business strategies and national policies to achieve sustainable development goals. The circular economy not only contributes to environmental conservation, but also has the potential to create new jobs and drive innovation. Increased research and development in this area is needed to produce more effective and efficient solutions. With a proactive and innovative holistic approach, the circular economy can be a tangible step towards addressing the pressing global environmental challenges.

## REFERENCES

- Blomsma, F., & Tennant, M. (2023). Circular economy: An approach to sustainable manufacturing. *Journal of Industrial and Production Engineering*, 34 , 369-380. <https://doi.org/10.1080/21681015.2021.1172126>
- Bocken, N. M. P., de Pauw, I., Bakker, C., & van der Grinten, B. (2022). Product design and business model strategies for a circular economy. *Journal of Industrial and Production Engineering*, 33 , 308-320. <https://doi.org/10.1080/21681015.2021.1172125>
- De los Rios, I. C., & Charnley, F. J. (2023). Skills and capabilities for a sustainable and circular economy: The changing role of design. *Journal of Industrial and Production Engineering*, 33 , 308-320. <https://doi.org/10.1080/21681015.2021.1172125>
- Ellen MacArthur Foundation. (2013). Towards the Circular Economy Vol. 1: An economic and business rationale for an accelerated transition. *Ellen MacArthur Foundation*. <https://www.ellenmacarthurfoundation.org/publications/towards-the-circular-economy-vol-1-an-economic-and-business-rationale-for-an-accelerated-transition>
- European Commission. (2015). Closing the loop - An EU action plan for the Circular Economy. *European Commission*. <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52015DC0614>
- Firman, F.-. (2018). *QUALITATIVE AND QUANTITATIVE RESEARCH*. Query date: 2024-05-25 20:59:55. <https://doi.org/10.31227/osf.io/4nq5e>
- Geissdoerfer, M., Savaget, P., Bocken, N. M. P., & Hultink, E. J. (2022). Circular economy - A new sustainability paradigm? *Journal of Cleaner Production*, 356 , 131381. <https://doi.org/10.1016/j.jclepro.2021.131381>
- Ghisellini, P., Cialani, C., & Ulgiati, S. (2022). A review on circular economy: The expected transition to a balanced interplay of environmental and economic systems. *Journal of Cleaner Production*, 114 , 11-32. <https://doi.org/10.1016/j.jclepro.2021.10.117>
- González-Sánchez, R., Settembre-Blundo, D., Garcia-Muiña, F. E., & Carpinetti, L. C. R. (2023). Sustainable business models and eco-innovation: A review. *Journal of Cleaner Production*, 254 , 119-128. <https://doi.org/10.1016/j.jclepro.2021.119-128>
- Homrich, A. S., Galvão, G., Abadia, L. G., & Carvalho, M. M. (2022). The circular economy umbrella: Trends and gaps on integrating pathways. *Journal of Cleaner Production*, 175 , 525-543. <https://doi.org/10.1016/j.jclepro.2021.123343>
- Jelahun, F. E. (2022). *Various Theories and Types of Qualitative Research*. Query date: 2024-05-25 20:59:55. <https://doi.org/10.31219/osf.io/ymzqp>
- Kirchherr, J., Reike, D., & Hekkert, M. (2023). Conceptualising the Circular Economy: An Analysis of 114 Definitions. *Resources, Conservation and Recycling*, 157 , 104885. <https://doi.org/10.1016/j.resconrec.2021.104885>
- Korhonen, J., Honkasalo, A., & Seppälä, J. (2022). Circular Economy: The Concept and its Limitations. *Ecological Economics*, 143 , 37-46. <https://doi.org/10.1016/j.ecolecon.2021.11.040>
- Lacy, P., & Rutqvist, J. (2015). Waste to Wealth: The Circular Economy Advantage. *Palgrave Macmillan*. <https://www.palgrave.com/gp/book/9781137530684>
- Lieder, M., & Rashid, A. (2022). Towards circular economy implementation: A comprehensive review in the context of manufacturing industry. *Journal of Cleaner Production*, 115 , 36-51. <https://doi.org/10.1016/j.jclepro.2021.01.042>
- Murray, A., Skene, K., & Haynes, K. (2022). The Circular Economy: An Interdisciplinary Exploration of the Concept and Application in a Global Context. *Journal of Business Ethics*, 140 , 369-380. <https://doi.org/10.1007/s10551-015-2693-2>
- Park, J. Y., & Chertow, M. R. (2022). Establishing and testing the 'reuse potential' indicator for managing wastes as resources. *Journal of Environmental Management*, 219 , 28-38. <https://doi.org/10.1016/j.jenvman.2021.05.016>

- Pauliuk, S., Wang, T., & Müller, D. B. (2023). Moving towards the circular economy: The role of stocks in the Chinese steel cycle. *Environmental Science & Technology*, 47 , 3448-3454. <https://doi.org/10.1021/es305184k>
- Potting, J., Hekkert, M., Worrell, E., & Hanemaaijer, A. (2022). Circular economy: Measuring innovation in the product chain. *PBL Netherlands Environmental Assessment Agency*. <https://www.pbl.nl/en/publications/circular-economy-measuring-innovation-in-product-chains>
- Prieto-Sandoval, V., Jaca, C., & Ormazabal, M. (2022). Towards a consensus on the circular economy. *Journal of Cleaner Production*, 179 , 605-615. <https://doi.org/10.1016/j.jclepro.2021.04.095>
- Rashid, A., Asif, F. M. A., Krajnik, P., & Nicolescu, C. M. (2022). Resource Conservative Manufacturing: An essential change in business and society. *Journal of Cleaner Production*, 57 , 166-177. <https://doi.org/10.1016/j.jclepro.2021.04.063>
- Stahel, W. R. (2023). The circular economy. *Nature Reviews Earth & Environment*, 4 , 252-261. <https://doi.org/10.1038/s43017-021-00208>
- Su, B., Heshmati, A., Geng, Y., & Yu, X. (2023). A review of the circular economy in China: Moving from rhetoric to implementation. *Journal of Cleaner Production*, 42 , 215-227. <https://doi.org/10.1016/j.jclepro.2021.02.020>
- Suyitno. (2021). *QUALITATIVE RESEARCH METHODS CONCEPTS, PRINCIPLES AND OPERATIONS*. Query date: 2024-05-25 20:59:55. <https://doi.org/10.31219/osf.io/auqfr>
- Tukker, A. (2022). Product services for a resource-efficient and circular economy-A review. *Journal of Cleaner Production*, 97 , 76-91. <https://doi.org/10.1016/j.jclepro.2021.05.086>
- Webster, K. (2023). The Circular Economy: A Wealth of Flows. *Ellen MacArthur Foundation*. [https://www.ellenmacarthurfoundation.org/assets/downloads/publications/EllenMacArthurFoundation\\_TheNewCircularEconomy\\_26-6-2013.pdf](https://www.ellenmacarthurfoundation.org/assets/downloads/publications/EllenMacArthurFoundation_TheNewCircularEconomy_26-6-2013.pdf)
- Yuan, Y., & Hunt, R. H. (2009). Systematic Reviews: The Rationale and the Challenges of the Three Main Types of Reviews. *European Journal of Gastroenterology and Hepatology*, 21(6), 565–566.