

Transforming Indonesia's Zakat in the Digital Era: Opportunities and Challenges

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ABSTRACT: In the ever-changing digital age, the transition of zakat is becoming more important and urgent. Zakat institutions may boost community involvement in the practice of blessing sharing and achieve increased efficiency in the zakat collection, management, and distribution processes by making prudent use of digital technology. But in order for it to realize its full potential, everyone involved must work together to overcome the obstacles that come with utilizing technology in social and religious contexts. His research employs a qualitative descriptive technique in conjunction with document analysis. The goal of this qualitative descriptive method is to provide an explanation for the events and facts that were noted throughout the Zakat research. Transformation in the Digital Age. Possibilities and Difficulties. The findings of this study indicate that the digital transformation of zakat represents a substantial shift in how zakat is handled and distributed through the use of information and communication technologies. It is important for zakat institutions to be ready for the five opportunities and four obstacles of the digital era's zakat transition. This will ensure that the shift in zakat will benefit both zakat institutions and society at large.

Keywords: e-zakat, zakat endowment transformation, opportunities and challenges

ABSTRAK: Di era digital yang selalu berubah, transisi zakat menjadi semakin penting dan mendesak. Lembaga zakat dapat meningkatkan keterlibatan masyarakat dalam praktik berbagi berkah dan mencapai peningkatan efisiensi dalam proses pengumpulan, pengelolaan, dan penyaluran zakat dengan memanfaatkan teknologi digital secara hati-hati. Namun agar dapat mewujudkan potensi penuhnya, semua orang yang terlibat harus bekerja sama untuk mengatasi hambatan yang datang dengan pemanfaatan teknologi dalam konteks sosial dan agama. Penelitiannya menggunakan teknik deskriptif kualitatif dalam hubungannya dengan analisis dokumen. Tujuan dari metode deskriptif kualitatif ini adalah untuk memberikan penjelasan atas peristiwa dan fakta yang dicatat sepanjang penelitian Zakat. Transformasi di Era Digital. Kemungkinan dan Kesulitan. Temuan penelitian ini menunjukkan bahwa transformasi digital zakat merupakan pergeseran substansial dalam cara zakat ditangani dan didistribusikan melalui pemanfaatan teknologi informasi dan komunikasi. Penting bagi lembaga zakat untuk siap menghadapi lima peluang dan empat hambatan transisi zakat era digital. Hal ini akan memastikan bahwa pergeseran zakat akan bermanfaat bagi lembaga zakat dan masyarakat luas.

Kata Kunci: zakat, era digital, peluang dan tantangan

INTRODUCTION

One of the cornerstones of Islam, zakat, plays a significant part in assisting in the fight against social injustice and poverty. Zakat has long been an essential component of Muslims' financial lives in Indonesia. However, there are new potential and challenges in the management of zakat due to the rapid development of digital technology, particularly in the last two decades.

Digital technologies, like the Internet, cellphones, and electronic payment systems, have grown in popularity. This has affected not just the global economic scene but also religious activities (Khaliq & Yahaya, 2023). People have easy access to information and services in this digital age and are becoming more globally connected (Hadi et. al, 2023). Zakat management has a lot of chances thanks to digital change. These days, zakat institutions can use technology to increase the effectiveness of fund collection, management, and distribution of zakat to the eligible/mustahik (Kasri & Yuniar, 2021). It is possible to greatly expand public participation in zakat payments by using the digital platform. For muzakki, the simplicity of paying zakat online or via mobile devices can lower administrative obstacles and improve convenience.

But the digital revolution also presents new difficulties in addition to benefits. Some of the issues that need to be addressed are those related to personal data security, public trust in digital zakat institutions, and the requirement for stringent regulations in the management of zakat funds (Herianingrum et al., 2024). Furthermore, in the digital era, zakat institutions must create viable business plans. This covers how they might maximize technology's usage to enhance zakat management's social impact, accountability, and transparency (Hidayat & Mukhlisin, 2020). The need for zakat to change is growing in relevance and urgency in the rapidly developing digital age. Through prudent use of digital technology, zakat institutions can enhance community engagement in the practice of blessing sharing and facilitate more efficient zakat collection, management, and distribution (Khairi et al., 2023). To realize its full potential, nevertheless, everyone involved must work together to find solutions to the problems posed by utilizing technology in social and religious settings. Researching this subject will help us better understand how digital transformation affects social and religious behaviors and lay the groundwork for developing zakat management policies that will be more successful in this changing period.

Therefore, the research on "Zakat Transformation in the Digital Era" not only contributes practically to the management of zakat, but also offers significant theoretical and practical insights for the creation of policies, managerial strategies, and the long-term viability of zakat institutions in an increasingly digitally connected world. It is anticipated that this research would give zakat institutions theoretical and practical help for managing their digital transition. The results of the study can help create more sustainable and adaptable strategies, regulations, and technological tools for zakat management in the digital age.

LITERATURE REVIEW

Zakat, as one of the five pillars of Islam, plays a crucial role in redistributing wealth and reducing poverty in Indonesia, a country with a significant Muslim population. Over the years, zakat collection and distribution have traditionally been managed by various religious and charitable institutions. However, with the advent of digital technology, the zakat sector in Indonesia is undergoing significant transformation. Digital platforms have the potential to modernize the way zakat is collected, distributed, and managed, providing both opportunities and challenges for the sector (Hadi et. al, 2023).

The introduction of digital platforms for zakat collection, such as mobile applications, online payment systems, and e-commerce integrations, has increased convenience for donors, enabling them to contribute anytime and from anywhere (Kasri & Yuniar, 2021). Studies by Hasan & Syafii (2022) emphasize that these platforms have led to greater transparency, accountability, and efficiency in zakat distribution, helping ensure that the funds reach the rightful recipients more

quickly. Additionally, digital tools enable more accurate zakat calculation and tracking, which enhances trust and credibility within the community (Hadi et. al, 2023).

However, the digital transformation of zakat also presents challenges. One of the primary concerns is the digital divide, where a significant portion of Indonesia's population still lacks access to the internet or digital literacy (Khairi et al., 2023). This gap could exclude certain segments of society, particularly those in rural areas, from participating in the zakat process. Furthermore, issues of data security, fraud, and ensuring the proper use of funds remain significant obstacles. The regulation and oversight of digital zakat platforms are also areas that require careful attention from both government and religious bodies (Herianingrum et al., 2024).

In conclusion, while the digital era presents vast opportunities to enhance zakat collection and distribution in Indonesia, it also necessitates addressing challenges related to inclusivity, security, and regulation to maximize its potential. Future research and policy development should focus on these areas to ensure the sustainability and equity of digital zakat systems (Ghaouri et al., 2023).

METHOD

Document analysis is used in conjunction with a descriptive qualitative technique in this study. Explaining the facts and situations that were seen throughout the research on Zakat Transformation in the Digital Era: Opportunities and Challenges is the main goal of this qualitative descriptive method. The process of document analysis include gathering and examining data from pertinent documents obtained from different periodicals. Using this method, one can learn about pertinent zakat regulations and practices in the digital age.

RESULTS AND DISCUSSION

Zakat Opportunities in the Digital Age

According to a number of study findings, there are many chances to enhance zakat distribution, management, collection, transparency, and education initiatives as a result of Indonesia's transition to a digital economy. It is simpler for muzakito to channel their zakat anytime, anyplace, by using an internet platform for zakat payment. This may result in more zakat being collected. Automated zakat payment reminders and swift and simple transactions are made possible by specialized zakat mobile applications (Sawmar & Mohammed, 2021).

Furthermore, by offering an immutable and transparent record of zakat collection and distribution, the use of blockchain technology can improve zakat administration transparency. Real-time reporting on how and where zakat is spent can be obtained by muzaki through a digitally based zakat management system (Ghaouri et al., 2023). To ensure a more focused distribution of zakat, zakat organizations might utilize big data and analytics to identify the recipients who are in need. Distribution of zakat can be planned and tracked more effectively with the aid of an integrated management system that integrates data from multiple sources (Kasri & Sosiati, 2023).

The digital era presents a plethora of chances for zakat transformation. This transformation has the potential to be innovative, particularly in the areas of infrastructure development and emergency aid. This highlights the significance of utilizing crowdsourcing. Crowdfunding sites facilitate the collection of zakat for designated initiatives, such disaster assistance or infrastructure development, which may draw in additional muzaki. By giving small enterprises access to money, a peer-to-peer lending strategy based on zakat can aid in community economic empowerment (Mawardi et al., 2023)

The process of digitalization can also help spread knowledge and understanding about zakat. For example, educational efforts using blogs, social media, and online videos can help people understand the value of zakat and how to make the right payments. A larger audience, particularly

the younger generation, can benefit from the explanation of the concept of zakat through the use of interactive content such as animated movies and infographics (Muzakir, 2022).

Challenges of Zakat in the Digital Age

While digital change in zakat administration has numerous prospects, certain obstacles must be addressed to guarantee its triumph and efficiency. The study's findings support the notion that there are still a lot of issues with zakat in the digital age that need to be fixed. Not everyone has enough access to or knowledge of digital technologies. Poor computer literacy can be a major barrier, particularly in rural or elderly populations (Ramadhita, Sudirman, and Bachri, 2022). Furthermore, zakat administration uses digital technology to handle a lot of sensitive data, including financial and personal information. Protecting user privacy and data security are crucial issues that must be resolved to stop data leaks and abuse (Rosalinda, Abdullah, & Fadli, 2021).

Concerns about security and transparency may make many people reluctant to pay for zakat using digital platforms. The success of this transition depends on increasing public confidence in digital platforms (Ayuniyyah et al., 2022). Not every region has the necessary technological infrastructure, such as fast internet access.

The deployment of the digital zakat system in some regions may be hampered by this infrastructure constraint. The final obstacle to zakat transformation in the digital age is that, if not executed inclusively, digital transformation may widen the divide. To guarantee that all societal groups, particularly the less fortunate, may access and use this technology, extra measures must be taken (Oemar, Endri, & Nugroho, 2023)

1. Discussion

Analysis of Zakat Transformation in the Digital Era

The use of information and communication technology in the management and distribution of zakat has changed significantly in the digital age. Nonetheless, there are still a lot of chances and problems related to this zakat reform. The research findings indicate that there are a plethora of prospects for zakat reform in the digital age. Online and digital platforms offer numerous benefits, such as facilitating muzakito channels to collect more zakat (Amin, 2023); enhancing transparency in zakat management (Musana, 2023); guaranteeing more focused zakat distribution; assisting zakat crowdfunding in community economic empowerment; and raising public awareness and education regarding zakat (Djafar et al., 2023)

To make it simpler for Muslims to pay zakat, many zakat institutions these days already have websites and applications. Zakat institutions with applications already in place include Dompot Dhuafa and Baznas. Websites such as zakat.org and kitabisa.com, along with e-wallet integration like GoPay, OVO, and Dana, facilitate online zakat payments. The method of collecting zakat is also made easier by automated technologies that may be used to remind people to pay their zakat and to integrate with the banking system (Cokrohadisumarto et al., 2020). Through this method, zakat institutions have been able to identify the major opportunities and have merged with several banking institutions and followed up through the use of online platforms. This is a genuine initiative to raise the quantity of zakat collected and the number of muzaki.

Increasing zakat management transparency presents the second opportunity (Suryani & Fitriani, 2022). Zakat institutions regularly use internet tools to give donors real-time reports on the collecting and distribution of zakat, enabling them to observe the direct results of their contributions. On the other hand, it is discovered that in contemporary practice, several zakat organizations offer online dashboards that show transparency data, such as the quantity of zakat collected, recipients, and distribution. Although not all zakat institutions currently implement it, this practice is essentially already leading and moving in the right direction. In order to boost public confidence in zakat institutions, it is beneficial that all zakat institutions adhere to transparency norms in zakat management.

Making ensuring that zakat is distributed in a more focused manner represents the third opportunity. In order to ensure targeted distribution based on needs analysis, zakat organizations

really employ a computer system to manage data on zakat recipients. Online platforms play a significant role in the distribution of zakat by means of digital vouchers that can be redeemed for goods or directly transferred to beneficiaries through bank transfers. Stakeholders in zakat institutions should constantly monitor by visiting the recipients' conditions personally in order to achieve a more focused distribution of zakat.

The fourth possibility uses zakat crowdfunding to support the economic empowerment of communities (Muzakir, 2022). When it comes to application, zakat organizations employ crowdfunding sites to gather money for certain initiatives like building schools, providing healthcare, and empowering people economically. In order to give recipients long-term advantages, zakat organizations also create goods that are invested in profitable ventures. By recognizing the possibilities of crowdfunding and providing additional significance and benefits to the community, zakat organizations have positively embraced this innovation.

Increasing knowledge and instruction regarding zakat represents the fifth opportunity (Djafar et al., 2023). Zakat organizations are aggressively using social media these days to spread awareness of the value of zakat, the methods of payment, and the effects of dispersed zakat. Hosting online workshops and webinars to inform the public about zakat, its advantages, and how to calculate it. Regarding this practice, zakat institutions are doing a wonderful job of interpreting the opportunities to raise zakat awareness and educate people.

The research findings regarding the challenges of zakat transformation in the digital era indicate that: (a) not all people have adequate access to or understanding of digital technology (Nurfiana & Sakinah, 2022); (b) public trust in the transparency of digital platforms; and (c) digital transformation can exacerbate inequality if not implemented inclusively.

The first issue is that many individuals still don't know how to use digital technology, particularly those who live in rural regions and in older age groups (Tambunan, 2021). This stops people from paying zakat through internet channels. To overcome this initial obstacle, the government and Zakat institutions must provide extensive education to the general population, educating them on the advantages of using technology for Zakat payment. There is no other event than growing in comprehension via the process of schooling.

The second concern is data security and user privacy. The apprehension regarding the safety of individual information and virtual transactions may impede individuals from utilizing digital channels. Security of data and transactions is a top priority. People who use digital platforms need to feel secure in the knowledge that their data is protected. Strong laws that safeguard user data and guarantee that digital platforms follow strict security guidelines are the answer to the second problem. To make sure the digital zakat ecosystem functions properly, collaboration between the government, zakat institutions, and technology service providers is required.

The third obstacle is public trust in digital platforms' transparency (Syahbandir et al., 2022). It is imperative that individuals have faith in the open management and intentional use of the zakat they pay via digital channels. Zakat institutions should report zakat management in a responsible and open manner in order to maximize the trust effect. Institutions that use zakat and digital platforms need to be well-established and reliable in order to boost public involvement.

The fourth concern is that if digital transformation is not handled inclusively, it has the potential to exacerbate inequality. This may occur in relation to zakat if certain individuals are the only ones with access to and capacity for using digital technology. To make sure that the digital transformation of Zakat does not result in a wider gap, a thorough and inclusive approach is required. via improving digital literacy, technology accessibility, data security, laws that are supportive, and effective teamwork. Fair advantages from digital change can be enjoyed by the entire community, even the most marginalized ones.

CONCLUSION

In conclusion, the use of information and communication technology in the management and distribution of zakat has significantly changed with the advent of the digital era. Five opportunities and four challenges exist for zakat institutions in the digital era regarding zakat transformation. The first opportunity is that many zakat institutions already have websites and applications that make it simpler for Muslims to pay zakat; this is a practical step toward increasing the number of muzaki and the amount of zakat collected. Second, although not all zakat institutions have implemented it, zakat institutions do offer online dashboards that show transparency statistics, such as the quantity of zakat collected, distributed, and beneficiaries; Third, zakat institution stakeholders should constantly monitor by visiting the recipients' locations to make necessary adjustments in order to guarantee a more focused distribution of zakat; Fourth, by providing the community with greater purpose and advantages, zakat institutions enhance the community's economy through zakat crowdfunding; Fifth, in an effort to read possibilities to enhance knowledge and education about zakat, zakat institutions aggressively use social media for educational campaigns on the significance of zakat, payment procedures, and the impact of dispersed zakat. The following four issues face zakat transition in the digital age: Firstly, a large number of individuals still do not grasp digital technology, especially those who are elderly and live in rural areas. Therefore, in order to raise public awareness of technology use and its advantages, the government and zakat organizations must provide extensive education; Second, users may be discouraged from using digital platforms due to worries about the security of their personal information and online transactions. Strong laws that safeguard user information and guarantee that digital platforms adhere to strict security guidelines are the answer; Third, zakat institutions are required to report on zakat management in an open and responsible manner, as people need to feel confident that the zakat they pay is managed in an open manner. Fourth, if digital transformation is not carried out inclusively, it may worsen inequality, therefore initiatives to enhance digital literacy, access to technology, and data

REFERENCES

- Ahmad, Khaliq, And Muhamad Hasif Yahaya. "Islamic Social Financing And Efficient Zakat Distribution: Impact Of Fintech Adoption Among The Asnaf In Malaysia." *Journal Of Islamic Marketing* 14, No. 9 (2023). <https://doi.org/10.1108/Jima-04-2021-0102>.
- Amin, Haris Al. "Pengelolaan Zakat Konsumtif Dan Zakat Produktif (Suatu Kajian Peningkatan Sektor Ekonomi Mikro Dalam Islam) Oleh: Haris Al Amin." *Ekonis* 2, No. 1 (2023).
- Ayuniyyah, Qurroh, Ataul Huq Pramanik, Norma Md Saad, And Muhammad Irwan Ariffin. "The Impact Of Zakat In Poverty Alleviation And Income Inequality Reduction From The Perspective Of Gender In West Java, Indonesia." *International Journal Of Islamic And Middle Eastern Finance And Management* 15, No. 5 (2022). <https://doi.org/10.1108/Imefm-08-2020-0403>.
- Cokrohadasumarto, Widiyanto Bin Mislana, Zaenudin Zaenudin, Bejo Santoso, And Siti Sumiati. "A Study Of Indonesian Community's Behaviour In Paying Zakat." *Journal Of Islamic Marketing* 11, No. 4 (2020). <https://doi.org/10.1108/Jima-10-2018-0208>.
- Djafar, Mukhtar Lutfi, Rahmawati Muin, And Sugianto. "Zakat Management In Countries That Require Zakat And Countries That Do Not Require Zakat." *Formosa Journal Of Sustainable Research* 2, No. 2 (2023). <https://doi.org/10.55927/Fjsr.V2i2.3076>.
- Ghaouri, Mohamed Hamza, Salina Kassim, Anwar Hasan Abdullah Othman, And Habeebullah

- Zakariyah. "Behavioural Intention Of Zakat Participants Towards The Zakat Fund In Morocco." *Isra International Journal Of Islamic Finance* 15, No. 1 (2023). <https://doi.org/10.55188/Ijif.V15i1.484>.
- Hadi, Rahmini, Yoiz Shofwa Shafrani, Dewi Lamela Hilyatin, Sugeng Riyadi, And Basrowi. "Digital Zakat Management, Transparency In Zakat Reporting, And The Zakat Payroll System Toward Zakat Management Accountability And Its Implications On Zakat Growth Acceleration." *International Journal Of Data And Network Science* 8, No. 1 (2024). <https://doi.org/10.5267/J.Ijdns.2023.8.025>.
- Herianingrum, Sri, Indri Supriani, Raditya Sukmana, Effendie Effendie, Tika Widiastuti, Qudsi Fauzi, And Atina Shofawati. "Zakat As An Instrument Of Poverty Reduction In Indonesia." *Journal Of Islamic Accounting And Business Research* 15, No. 4 (2024). <https://doi.org/10.1108/Jiabr-11-2021-0307>.
- Hidayat, Andi, And Mukhlisin Mukhlisin. "Analisis Pertumbuhan Zakat Pada Aplikasi Zakat Online Dompot Dhuafa." *Jurnal Ilmiah Ekonomi Islam* 6, No. 3 (2020). <https://doi.org/10.29040/Jiei.V6i3.1435>.
- Kasri, Rahmatina A., And Meis Winih Sosianti. "Determinants Of The Intention To Pay Zakat Online: The Case Of Indonesia." *Journal Of Islamic Monetary Economics And Finance* 9, No. 2 (2023). <https://doi.org/10.21098/Jimf.V9i2.1664>.
- Kasri, Rahmatina Awaliah, And Adela Miranti Yuniar. "Determinants Of Digital Zakat Payments: Lessons From Indonesian Experience." *Journal Of Islamic Accounting And Business Research* 12, No. 3 (2021). <https://doi.org/10.1108/Jiabr-08-2020-0258>.
- Khairi, Khairil Faizal, Nur Hidayah Laili, Hisham Sabri, Azuan Ahmad, Van Hieu Pham, And Manh Dung Tran. "The Development And Application Of The Zakat Collection Blockchain System." *Journal Of Governance And Regulation* 12, No. 1 Special Issue (2023). <https://doi.org/10.22495/Jgrv12i1siart9>.
- Mawardi, Imron, Tika Widiastuti, Muhammad Ubaidillah Al Mustofa, And Fifi Hakimi. "Analyzing The Impact Of Productive Zakat On The Welfare Of Zakat Recipients." *Journal Of Islamic Accounting And Business Research* 14, No. 1 (2023). <https://doi.org/10.1108/Jiabr-05-2021-0145>.
- Muzakir, Kahar. "Prospek Zakat Dalam Perekonomian Modern." *Journal Of Legal And Cultural Analytics* 1, No. 1 (2022). <https://doi.org/10.55927/Jlca.V1i1.879>.
- Nurfiana, Nurfiana, And Sakinah Sakinah. "Zakat Dan Kajiannya Di Indonesia." *Milkiyah: Jurnal Hukum Ekonomi Syariah* 1, No. 1 (2022). <https://doi.org/10.46870/Milkiyah.V1i1.158>.
- Oemar, Fahmi, Endri Endr, And Moh Taufan Nugroho. "The Potential Of Paying Zakat On Income: Evidence From An Emerging Economy." *Corporate Governance And Organizational Behavior Review* 7, No. 2 (2023). <https://doi.org/10.22495/Cgobrv7i2p11>.
- Ramadhita, Sudirman, And Syabbul Bachri. "Model Of Zakat Utilization In The Covid-19 Pandemic Era: Perspective Of Maqashid Sharia." *Al-Istinbath: Jurnal Hukum Islam* 7, No. 1 (2022). <https://doi.org/10.29240/Jhi.V7i1.4462>.
- Rosalinda, Mella, Abdullah Abdullah, And Fadli Fadli. "Pengaruh Pengetahuan Zakat, Pendapatan Dan Kepercayaan Muzakki Terhadap Minat Pelaku Umkm Untuk Membayar Zakat Niaga Di Organisasi Pengelola Zakat Kota Bengkulu." *Jurnal Akuntansi* 11, No. 1 (2021). <https://doi.org/10.33369/J.Akuntansi.11.1.67-80>.
- Sawmar, Abdulsalam Ahmed, And Mustafa Omar Mohammed. "Enhancing Zakat Compliance Through Good Governance: A Conceptual Framework." *Isra International Journal Of Islamic Finance* 13, No. 1 (2021). <https://doi.org/10.1108/Ijif-10-2018-0116>.
- Suryani, Dyah, And Lailatul Fitriani. "Peran Zakat Dalam Menanggulangi Kemiskinan." *Al Iqtishod: Jurnal Pemikiran Dan Penelitian Ekonomi Islam* 10, No. 1 (2022). <https://doi.org/10.37812/Aliqitshod.V10i1.307>.
- Syahbandir, Mahdi, Wais Alqarni, Syahrizal Abbas, Bukhari Ali, And Fauzan Samad. "State And

Islamic Law: A Study Of Legal Politics On Zakat As A Tax Deduction In Aceh.” *Ahkam: Jurnal Ilmu Syariah* 22, No. 1 (2022). <https://doi.org/10.15408/Ajis.V22i1.26200>.
Tambunan, Jannus. “Memaksimalkan Potensi Zakat Melalui Peningkatan Akuntabilitas Lembaga Pengelola Zakat.” *Islamic Circle* 2, No. 1 (2021). <https://doi.org/10.56874/Islamiccircle.V2i1.498>.