

Analysis of How Local Online News Helped Shape Waste Management Policies in the Aftermath of the COVID-19 Pandemic

by Dwiyanto Indiahono

Submission date: 25-Mar-2023 10:56AM (UTC+0700)

Submission ID: 2046007268

File name: ICPSH_2023_12817-Article_Text-63696-1-10-20230224.pdf (623.94K)

Word count: 6186

Character count: 35254

Research Article

Analysis of How Local Online News Helped Shape Waste Management Policies in the Aftermath of the COVID-19 Pandemic

Dwiyanto Indiahono

Department of Public Administration, Faculty of Social and Political Sciences, Universitas Jenderal Soedirman

ORCID

Dwiyanto Indiahono: <https://orcid.org/0000-0003-1087-0889>

15

Abstract

The purpose of this study was to provide an overview of the role played by local online news in improving policies on waste management in the aftermath of the COVID-19 pandemic. This subject is worth examining since online news, as one of the pillars of democracy, must be able to present its strategic roles on issues of public concern at all levels. This research was conducted using the content analysis method. The study found that *Radar Banyumas*, a local online news media based in Banyumas Regency, published 28 news articles related to waste issues during the study period, which can be categorized into three major groups: policy articles, social criticism articles, and best practice articles. The study shows that *Radar Banyumas* is able to play an ideal role in influencing public policy agenda, overseeing policy implementation, providing education to the public, and providing solutions to waste problems. *Radar Banyumas* has acted as an ideal medium to help shape waste management policies at the regional level.

Keywords: waste, local online news media, social criticism, policy recovery

Corresponding Author: Dwiyanto Indiahono; email: dwiyanto.indiahono@unsoed.ac.id

Published 24 February 2023

Publishing services provided by Knowledge E

4 Dwiyanto Indiahono. This article is distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use and redistribution provided that the original author and source are credited.

Selection and Peer-review under the responsibility of the 2nd ICPSH 2022 Conference Committee.

1. Introduction

Waste is an important issue that is often not the high priority of the policy-setting agenda and the citizen agenda. As a country with the fourth largest population in the world, Indonesia has a serious waste problem. The data from the National Waste Management Information System (SIPSN) indicates that 225 districts/cities in the country generate 28.5 million tons of waste in a year (1). In addition, plastic waste, which is difficult to decompose, is also mounting. According to the Central Bureau of Statistics (BPS), Indonesia's annual plastic waste in 2021 will reach 66 million tons (2) and will continue to increase if it is not balanced with good policies and support from citizens.

When discussing public issues, one of the pillars of democracy expected to be able to advocate public voice is the mass media or the press. The word "press" in English or Dutch originates from the Latin word "*pressare*" which means to press or print. The

OPEN ACCESS

20

How to cite this article: Dwiyanto Indiahono, (2023), "Analysis of How Local Online News Helped Shape Waste Management Policies in the Aftermath of the COVID-19 Pandemic" in *International Conference on Politics, Social, and Humanities Sciences*, KnE Social Sciences, pages 65–79. Page 65
DOI 10.18502/kss.v8i3.12817

press is therefore defined as print media (printing media) (3). With the technological advancements, the press not only refers to print media but also online media. Local news organizations play a strategic role in shaping the perception and thinking of residents and local governments. The media with its critical analysis can be an agent of change in public policy and the policy environment. The media can select which parts of the certain regional issue are considered important, and which parts can be ignored (4). Consequently, the local media is prone to be accused of being politically charged and only defending its own interests (5) and trapped in polarization (6). A study shows that in times of crisis and disaster, developing countries build their positive image with seven strategies, namely: 'buying' newsrooms, developing media relations, conveying general and specific complaints about the media, applying economic and physical threats, blocking media access, and using testimonies and the Internet (7). The media becomes a space of contention in influencing public attention and policy.

Local media and waste issues are of concern in this study due to several factors. First, local media is a pillar of democracy, which is believed to be the guardian of public common sense and morals. Second, waste issues are considered as neutral public issues that do not potentially create turmoil or conflicts of interest. The local media can present itself as a guide to public common sense in formulating policies that help the country's recovery efforts in the aftermath of the COVID-19 pandemic. The media has long been recognized as a powerful tool to exert control over government agendas (8) as well as formulation and implementation of public policies (9,10). The conventional model of agenda setting states that mainstream media can influence the public agenda by directing audience attention and attaching importance to certain issues (11). The media is even considered worthy of sanctions if it does not include general public's priority issues such as disability in their news content (12). From the perspective of environmental policy, the issue of waste is a "tricky problem" (13). Waste is an issue that becomes a common enemy and almost is collectively agreed as a problem.

The local media and waste issues are thus two subjects that are worth discussing more deeply and intensely. Journalists and local media can serve as parties that help raise policies on waste issues after the COVID-19 pandemic. In policy recovery, the local media have the opportunity of carrying out three key roles. First, directing waste issues to local governments' agenda. Second, acting as a provider of best practice information on how to solve waste issues from macro to micro perspectives. Lastly, participating in changing residents' behavior so that they are more supportive of the creation of a healthy environment, especially in the matters of waste management. Expansive media coverage can attract public attention (14), while public opinion and policy makers' decisions are vulnerable to the influence of the media (15). It can also influence international policies, which is often referred to as media diplomacy (16).

After the COVID-19 pandemic began to subside, economic activities started to come to life and public facilities such as markets, squares, and malls began to reopen. In the post-pandemic period, when normal activities resume such as returning home from work, traveling to tourist destinations, shopping at wet markets and supermarkets, the threat of increasing waste lurks. In some public facilities, trash has been starting to accumulate. The role of local media in advocating public behavior and public policies on waste is worth investigating. The waste issue should also be a priority in local media coverage. This study aims to seek answers to the question: what is the role of local online news media in helping the recovery of public policies on waste issues after the COVID-19 pandemic? The study is key since it will provide evidence as to whether news content regarding waste published on Radar Banyumas, a local online news media in Banyumas Regency, plays a role in helping recover policies on waste issues after the COVID-19 pandemic. The question is a strategic subject to study because local online news media will be benchmarked elsewhere and the study potentially provides explanations on the relationship between local online news media and policies as well as social criticism.

2. Method

The study utilized qualitative content analysis as the research method (17). Qualitative content analysis aims to identify important themes or categories within content and to provide a detailed description of the social reality created by these themes/categories as they live in a particular setting. (18). In this study, content analysis analyzed the content of waste-related news articles published on Radar Banyumas, a local online news media in Banyumas Regency. The studied news articles were retrieved using the search menu on Radar Banyumas's website at: <https://radarbanyumas.co.id> from April 3 to July 15, 2022. The articles were subsequently grouped according to three categories, namely public policy, social criticism, and best practices. An analysis was then carried out to explain the relationship of the three categories based on a critical perspective, combined with discussions using existing literatures.

3. Results and Discussion

3.1. Local Media and Public Policy

From April to mid-July 2022, Radar Banyumas published several news articles regarding waste related and public policy. The articles described Radar Banyumas's attempt to convey the issue of public policy on waste and how the future policy on waste would be determined. In an article titled "House of Representative (DPR) Highlights BPA Labeling

Plans on Gallons of Drinking Water”, Radar Banyumas delivered the voice of DPR so that the government would pay attention to pollution and waste issues if the BPA labeling policy was implemented. The policy of minimizing waste from single-use gallons must be completely resisted. In an article titled “Coordinating Minister Airlangga Explains Three Efforts to Strengthen National Food Security”, Radar Banyumas reported that improper waste management is a threat to the country. Policies and implementation of waste management must be properly managed by the government. Likewise with the article titled “Creating Millions of New Jobs, Government Encourages Blue, Green, and Circular Economy”, Radar Banyumas stated that the issue of plastic waste must be approached through public policies with a sustainable economic approach. Radar Banyumas also reported an article titled “Magelang City’s Waste Emergency, DPRD Discusses Forms a Special Committee”, indicating its effort to show that the waste issue is an important problem that must be addressed by the local government. In the article titled “Second Waste Management Congress, Ganjar Hopes There is a Recommendation to Become a Public Policy”, Radar Banyumas encouraged the public to take part in creating innovative public policies to solve existing public issues (See Table 1).

Radar Banyumas is also in a position to convey the implementation of government policies that support the management of solid waste problems. One of the articles titled “Optimizing Waste Processing in Banyumas, Pyrolysis Machine Enters Auction Process” explained that one of the optimal implementation of waste management policies was to provide pyrolysis machines to waste managers at Integrated Waste Disposal Centers (*Tempat Pembuangan Sampah Terpadu/TPST*). In line with this, Radar Banyumas also reported another article titled “Every Market in Banyumas to be Given a Waste Processing Machine”. This demonstrates that reducing waste is a good initiative that can be implemented by the local government and one of the measures taken is to provide waste processing machines to market managers (See Table 1).

¹¹ Based on the aforementioned findings, it can be observed that Radar Banyumas is active in reporting waste issues at the national and regional level. This indicates Radar Banyumas’s desire to convey the message that the waste issue can present problems in the region if it is not anticipated properly by the government and residents. The media coverage of public policy is critical, both to the public and the policy (19).

3.2. Local Media and Social Criticism

Ideally, local online news media is capable of maintaining public common sense, especially on public policies and behavior. Local media can be a channel to criticize central government, local government and the public for matters contrary to public values. During the New Order era, media often criticized the government, demonstrating a form

TABLE 1: News Articles of Banyumas Radar on Waste Issues and Public Policy.

No.	Article Title and Link	Publication Date	Content
	DPR Highlights BPA Labeling Plans on Gallons of Drinking Water Source: https://radarbanyumas.co.id/dpr-saroti-plan-pelabelan-bpa-pada-galon-air-minum/	July 15, 2022	The House of Representative (DPR) requested the government to be more comprehensive in drafting regulations for packaging food and beverage products to minimize waste and environmental pollution.
	Airlangga Explains Three Efforts to Strengthen National Food Security Source: https://radarbanyumas.co.id/menko-airlangga-jelaskan-tiga-upaya-menguatkan-ketahanan-pangan-sebuah-negara/	July 15, 2022	Coordinating Minister Airlangga explained three efforts that can be implemented to strengthen national food security, namely reducing food waste, developing local food diversification, and building food security in the long term.
	Creating Millions of New Jobs, Government Pushes Blue, Green, and Circular Economy Source: https://radarbanyumas.co.id/ciptakan-jutaan-lapangan-pekerjaan-baru-pemerintah-dorong-blue-green-and-circular-economy/	July 14, 2022	Environmental issues such as carbon pollution, sea and land degradation, and plastic waste encourage the urgency of implementing a sustainable economic approach.
	Optimizing Waste Processing in Banyumas, Pyrolysis Machine Enters Auction Process Source: https://radarbanyumas.co.id/optimalikan-pengolahan-sampah-di-banyumas-mesin-pirolisis-masuk-proses-lelang/	July 8, 2022	Several waste processing sites will be equipped with pyrolysis machines. This is a good solution because the machines enable waste processing to be completed only at integrated waste disposal centers (TPST) without the need to go to the final disposal site (TPSA).
	Second Waste Management Congress, Ganjar Hopes There Is A Recommendation To Become A Public Policy Source: https://radarbanyumas.co.id/kongres-sampah-ii-ganjar-harapannya-ada-rekomendasi-untuk-jadi-kebijakan-publik/3/	June 25, 2022	The second waste management congress is expected to provide recommendations that can be adopted as public policies to manage waste issues.
	Magelang City's Waste Emergency, DPRD Discusses Form of Special Committee Source: https://radarbanyumas.co.id/kota-magelang-darurat-sampah-dprd-wacanakan-bentuk-pansus/2/	Jun 8, 2022	The volume of waste at the Banyuwirup TPSA has been significantly increasing for the past few years
	Banyumas Markets Will Be Allocated Waste Processing Machines Source: https://radarbanyumas.co.id/tiap-pasar-di-banyumas-bakal-diberi-mesin-pengolah-sampah/	April 15, 2022	Markets are one of the largest producers of waste. Department of Industry and Trade (Dinperindag) of Banyumas Regency plans to provide waste processing machines to local markets to manage waste better.

Source: <https://radarbanyumas.co.id/search/?q=sampah> accessed on July 19, 2022

of media independence and conveyance of people's voice (20–22). On waste issue, Radar Banyumas appeared to perform well in voicing social criticism and advocating a campaign for healthy living. News articles titled "Visitors of Purwokerto Town Square

Throw Garbage Carelessly”, “Littering Near Trans Banyumas Bus Stop Still Occurs, Environment Office Head: We are Very Dissapointed”, “Trans Banyumas Management Disappointed at Littering Near Bus Stop”, “Purwokerto Town Square Full of Litter Immediately After Opening”, and “One Day After Opening, Trash Scattered at Purwokerto Town Square” are reflecting criticism from Radar Banyumas for the behavior of people who did not respect the norm of disposing garbage in rightful places in a public area. In the articles, Radar Banyumas shows that the local media can help restore community condition after COVID-19 pandemic by campaigning for a healthy habit of disposing garbage in its place. The euphoria of allowing public gathering and travel arrangements after COVID-19 pandemic should be balanced with responsible behavior by participating in maintaining cleanliness in public spaces.

In an article titled “Kebumen International Expo Produces 127 Tons of Waste”, Radar Banyumas not only criticized the public, but also the government and business entities who did not demonstrate waste reduction initiatives and engaged in processes that were not environmentally friendly. The emphasis of 127 tons of waste in the headline was an effort to highlight that the public and government needed a serious response to the waste issue and that public events must not be a new source of problem in waste issue.

On social criticism and healthy living campaign, Radar Banyumas also demonstrates evidence of littering behavior and the absence of monitoring and controlling of waste disposal volume. Articles titled “4.8 Million Tons of Plastic Waste Polluting the Environment”, “Dead Turtle Found on Cilacap Beach with Mouth Full of Trash”, “Slinga Dam Prone to Garbage Accumulation”, “Eid-al Fitr Homecoming Garbage Reaches 48 Sacks”, and “Three Villages in Rawalo Submerged by Flood, Serayu-Citanduy PSDA Cites Careless Garbage Disposal as Reason”, indicate efforts to demonstrate the short-term and long-term consequences of poor public awareness of waste issue. Improperly managed waste will have an impact on the ecosystem around humans. The risk of environmental damage and natural disasters represent an inevitable risk if waste management is not carried out properly.

The social criticism of local media on waste issue is important since the largest portion of waste at the national level is from food waste (30.5%) and plastic waste (15.7%) (See Figure 1), both of which are derived from human activities and can actually be controlled or minimized. The problem of food waste is an environmental issue (23), and efforts must be made to minimize food waste (24).

Figure 2 shows that the largest waste contributors in Indonesia are households and traditional markets, suggesting that Indonesia’s waste issue is dependent on the habits of its citizens in dealing with waste. It begs the questions whether families have developed the habit of 3Rs (reduce, reuse, and recycle) and whether the 3Rs have been

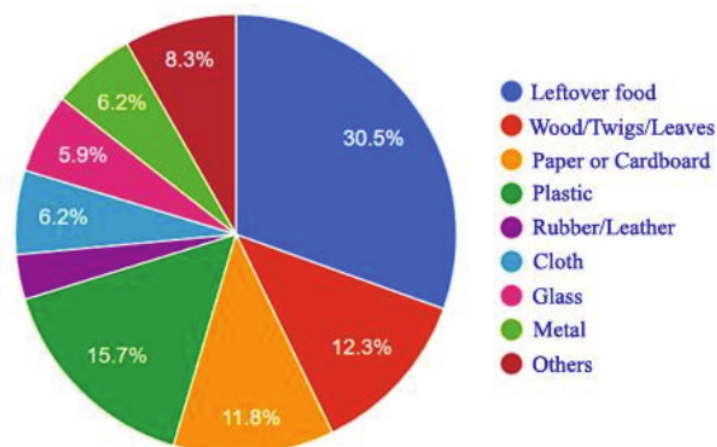


Figure 1: Composition of waste by type Source: (25).

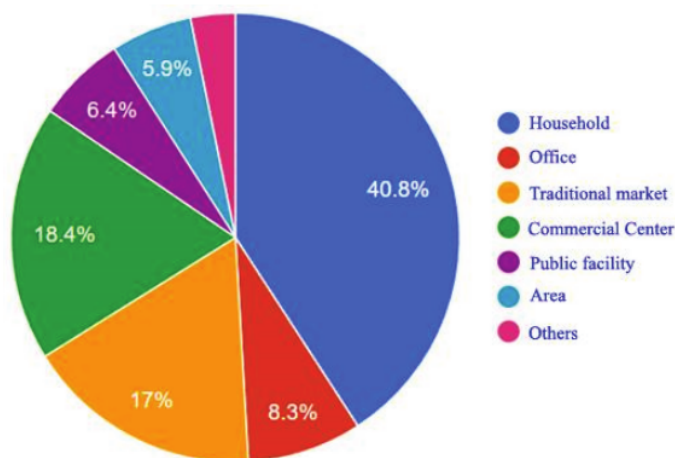


Figure 2: Composition of waste by source Source: (26).

implemented in public spaces. The social criticism of Radar Banyumas is a positive initiative to ensure that the public is also more concerned with waste and in turn helps sort waste (27) and reduce waste in domestic areas as well as in public spaces.

Articles titled “Sing Or Push Up? Visitors of Purwokerto Town Square Still Found Littering” and “Viral, Video of Long-Haired Man Taken Into Police Car After Littering” show that Radar Banyumas sends a message that littering disturbs other people’s lives. Behaviors that “annoy” other people must be prevented, one of which is the need of residents to remind each other not to litter. Sanctions in the form of singing and push ups in public are a message that, to preserve the environment, efforts are needed to

remind other members of the public. The public does not object to the warnings since they are acceptable public values. The risk of publicity in the media directly encourages public compliance and indirectly plays a role in providing mediation space for public understanding and risk perception (28).

3.3. Local Media and Best Practices

In addition to discussing policies (agenda, implementation, and evaluation) and social criticism, Radar Banyumas covers best practices in waste management. It appreciates the steps taken by the public in providing solutions to the waste problem. An article titled "Clean River, Banjarnegara Volunteers Collects Tens of Garbage Sacks" is a form of Radar Banyumas's appreciation to volunteers who have been persistent in cleaning up trash in the Jarompang River, Wanayasa Village, Wanayasa District, Banjarnegara Regency.

Articles titled "Solusi Bangun Indonesian (SBI) Initiative Proposed at the Second Waste Congress in Central Java", "Waste Sorting Workers Receive Employment Insurance (BPJS Ketenagakerjaan)", and "Denmark Embassy Visits Solusi Bangun Indonesia and Waste Management Facilities, Waste Turned into RDF in Cilacap" are evidence that Solusi Bangun Indonesia (SBI), which is a business unit of PT Semen Indonesia (Persero) Tbk (SIG), carries out best practices in waste management. SBI stated that it is able to produce 70 tons of alternative fuel or Refuse-Derived Fuel (RDF) in a day. In addition, SBI has also become a model in ensuring the welfare of waste sorters in the form of providing employment insurance (BPJS Employment). The initiative received appreciation from many parties, one of which was the Denmark Embassy. The good measure by SBI are efforts that deserve to be recognized by the public and policy makers.

Articles titled "West Sulawesi Provincial Government Learns Waste Management Practices in Banyumas, Regent Husein: From Protests to Building Final Disposal Site (TPSA)", "Eid-al Fitr Homecoming Routes Must Be Clean, UPKP Maps Potential Waste", and "22.5 Kgs of Waste from COVID-19 Patient Cemetery Destroyed" demonstrate that Banyumas Regency government is relatively reliable in managing both household waste and medical waste. Radar Banyumas attempts to assert that well-implemented policies will receive appreciation from the public as well as external institutions.

Radar Banyumas's social criticism of residents' negative behavior regarding waste is important to ensure that residents understand the real consequences that will arise if they continue to litter and produce waste uncontrollably. This is similar to the role of the media in exposing, informing and educating the devastating effects of corruption in the

TABLE 2: News Articles on Banyumas Radar on Waste Issues, Social Criticism and Healthy Living Campaign.

No.	Article Title and Link	Publication Date	News substance
	Visitors of Purwokerto Town Square Throw Garbage Careless ² Source: https://radarbanyumas.co.id/masih-ada-saja-pengunjung-alun-alun-purwokerto-yang-buang-sampah-sembarangan/	July 13, 2022	Visitors of Purwokerto Town Square are still found littering, even though 15 trash cans have been provided around the town square.
	Kebumen International Expo Produces 127 Tons of Waste Source: https://radarbanyumas.co.id/gelaran-kebumen-international-expo-hasilkan-127-ton-sampah/	July 4, 2022	The amount of waste originating from the KIE event collected per day is massive at 127 tons.
	4.8 Million Tons of Plastic Waste Polluting the Environment Source: https://radarbanyumas.co.id/48-juta-ton-sampah-plastik-cemari-lingkungan/2/	June 25, 2022	With the trend of plastic waste increasing from 11 percent in 2010 to 17 percent in 2021, Indonesian government through Regulation of the Ministry of Environment and Forestry (PermenLHK) No. 75 of 2019 concerning Roadmaps for Reducing Waste by Manufacturers mandate producers to carry out waste reduction efforts including upstream activities (efforts to limit waste generation) and downstream activities (after-use packaging sent for reuse or recycling).
	Littering Near Trans Banyumas Bus Stop Still Occurs, Environment Office Head: We are Very Dissapointed ² Source: https://radarbanyumas.co.id/pembuangan-sampah-liar-didekat-halte-trans-banyumas-masih-saja-terjadi-kepala-dlh-kami-sangat-menyesalkan/	June 23, 2022	Littering still occurs, as seen at Trans Banyumas bus stop in Tanjung Nirwana.
	Trans Banyumas Management Disappointed at Littering Near Bus Stop ² Source: https://radarbanyumas.co.id/pengelola-trans-banyumas-sesalkan-perilaku-warga-buang-sampah-sembarangan-di-dekat-halte/	June 17, 2022	The littering behavior of certain Purwokerto residents is regretted by the Trans Banyumas manager.
	Dead Turtle Found on Cilacap Beach with Mouth Full of Trash Source: https://radarbanyumas.co.id/bangkai-penyu-ditemukan-di-pantai-cilacap-dengan-mulut-penuh-sampah/	May 31, 2022	A sea turtle was found dead on Wagir Indah Beach, Welahan Wetan Village, Adipala District on Monday May 30, 2022. Upon discovery, the turtle's mouth was full of plastic waste.
	Slinga Dam Prone to Trash Accumulation Source: https://radarbanyumas.co.id/bendung-slinga-rawan-tumpukan-sampah/	May 20, 2022	Rain has the potential to carry trash when it flows through Klawing River and Kaligondang Slinga Dam, which borders the Banjaran Village, Bojongsari District.
	Eid-al Fitr Homecoming Garbage Reaches 48 Sacks Source: https://radarbanyumas.co.id/sampah-mudik-capai-48-karung/	May 11, 2022	The Sanitation and Landscaping Management Unit (UPKP) of Sumpiuh Region noted that the Eid-al Fitr homecoming waste collected from the three sub-districts reached 48 sacks.

society, in which ¹² the media can significantly increase the political risk of those exposed to corrupt practices (29).

TABLE 2: (Continued).

No.	Article Title and Link	Publication Date	News substance
	Sing Or Push Up? Visitors of Purwokerto Town Square Still Found Littering Source: https://radarbanyumas.co.id/pilih-nyanyi-atau-push-up-pengunjung-alun-alun-purwokerto-masih-buang-sampah-sembarangan/	April 13, 2022	Since the opening of Purwokerto Town Square, garbage remains a problem and visitors are still found littering although the Regional Environment Office (DLH) has provided sufficient trash cans. Responding to this, Banyumas Public Order Police (Satpol PP) Head, Drs Setia Rahendra Msi, said that his team would always carry out monitoring, including possible sanctions in the form of singing or push ups in public for violators.
	Purwokerto Town Square Full of Litter Immediately After Opening Source: https://radarbanyumas.co.id/baru-dibuka-alun-alun-purwokerto-sudah-penuh-sampah/	April 11, 2022	After a prolonged closure, Purwokerto Town Square was reopened and a problem in the form piles of garbage surfaced.
	One Day After Opening, Trash Scattered at Purwokerto Town Square Source: https://radarbanyumas.co.id/sehari-dibuka-sampah-berserakan-di-alun-alun-purwokerto/	April 10, 2022	One day after official reopening, garbage scattered Purwokerto Town Square on Sunday morning, April 10, 2022.
	Three Villages in Rawalo Submerged by Flood, Serayu-Citanduy PSDA Cites Careless Garbage Disposal as Reason Source: https://radarbanyumas.co.id/tiga-desa-di-rawalo-sempat-terendam-banjir-psda-serayu-citanduy-sebut-karena-perilaku-buang-sampah-sembarangan/	April 5, 2022	Public littering is considered to be the cause of flooding in the three villages of Rawalo District.
	Viral, Video of Long-Haired Man Taken Into Police Car After Littering Source: https://radarbanyumas.co.id/video-viral-pria-gondrong-masukkan-sampah-ke-mobil-polisi-setelah-dibuang-sembarangan/	April 3, 2022	A video was viral on social media, in which a long-haired man taken into a police car after found littering.

Source: <https://radarbanyumas.co.id/search/?q=sampah> accessed on July 19, 2022

Radar Banyumas's articles related to best practices highlight good examples by the public, private sectors, and government bodies in managing waste. Radar Banyumas thus contributes to providing new perspectives or innovations that can be made by these parties in waste management.

As evidenced by the aforementioned news coverage, the link between local media and public policies, social criticism, and best practices is that the local online news media pushes the waste issue into local government's agenda and that the local government must pay extra attention to the waste problem. In addition, the local media also conveys social criticism to the public on behaviors that are not in line with solving waste issues, suggesting that waste is a common problem that must receive attention and support from the public, private sectors and government. After highlighting the waste issue and showing social criticism, local media also attempts to show innovative activities or

TABLE 3: News Articles on Banyumas Radar on Best Practices in Waste Management.

No.	Article Title and Link	Publication Date	News substance
	Clean River, Banjarnegara Volunteers Collects Tens of Garbage Sacks Source: https://radarbanyumas.co.id/bersihkan-kali-relawan-banjarnegara-angkat-puluhan-karung-sampah/	June 27, 2022	Compass volunteers, a community concerned in garbage management in Banjarnegara, clean up the Jarompang River in Wanayasa Village, Wanayasa District, Banjarnegara, on Saturday, June 25 and Sunday, June 26, 2022. In this activity, the volunteers collected dozens of garbage bags dominated by inorganic waste.
	Solusi Bangun Indonesia (SBI) Initiative Proposed at the Second Waste Congress in Central Java Source: Sumber: https://radarbanyumas.co.id/solusi-sbi-di-kongres-sampah-ii-tingkat-provinsi-jawa-tengah/	June 25, 2022	Currently, the waste processing facility producing RDF has been fully operational since inaugurated on July 21, 2020. The facility has a fresh waste processing capacity of 120-160 tons per day with water content above 50% and produces 70 tons of RDF products per day. This is an example of how to turn waste into energy (waste-to-energy) and used by SBI as an alternative fuel to replace coal.
	West Sulawesi Provincial Government Learns Waste Management Practices in Banyumas, Regent Husein: From Protests to Building Final Disposal Site (TPSA) Source: https://radarbanyumas.co.id/pemprov-sulawesi-barat-belajar-pengelolaan-sampah-di-banyumas-bupati-husein-dari-dipotes-hingga-kini-mampu-bangun-tpa-ble/	June 25, 2022	The Regent of Banyumas received a strategic study visit of waste management from the Provincial Government of West Sulawesi on Thursday, June 23, 2022.
	Waste Sorting Workers Receive Employment Insurance (BPJS Ketenagakerjaan) Source: https://radarbanyumas.co.id/pekerja-pemilah-sampah-terima-bpjs-ketenagakerjaan/	June 17, 2022	⁶ PT Solusi Bangun Indonesia Tbk (SBI), a business unit of PT Semen Indonesia (Persero) Tbk (SIG), provides employment insurance (BPJS Ketenagakerjaan) membership cards to workers who sort waste at waste processing facilities in Jeruklegi District.
	TPST Claims Waste Slurry Can be Used as Compost and Fertilizers Source: https://radarbanyumas.co.id/tpst-klaim-bubur-sampah-bisa-untuk-kompos-dan-tanaman-lebih-subur/	June 15, 2022	TPST claims that waste slurry can be used as compost and fertilizers.
	Denmark Embassy Visits Solusi Bangun Indonesia and Waste Management Facilities, Waste Turned into RDF in Cilacap ¹⁶ Source: https://radarbanyumas.co.id/kedutaan-besar-denmark-kunjungi-solusi-bangun-indonesia-dan-fasilitas-pengelolaan-sampah-menjadi-rdf-di-cilacap/	June 5, 2022	PT Solusi Bangun Indonesia Tbk (SBI) received a visit from the Denmark Embassy at its Cilacap factory, Central Java on June 3, 2022.
	Eid-al Fitr Homecoming Routes Must Be Clean, UPKP Maps Potential Waste Source: https://radarbanyumas.co.id/jalur-mudik-harus-tetap-bersih-upkp-petakan-potensi-sampah/	April 27, 2022	The Sanitation and Landscaping Management Unit (UPKP) of Sumpiuh District anticipates waste as instructed by the Ministry of Environment.

TABLE 3: News Articles on Banyumas Radar on Best Practices in Waste Management.

No.	Article Title and Link	Publication Date	News substance
	22.5 Kgs of Waste from COVID-19 Patient Cemetery Destroyed Source: https://radarbanyumas.co.id/225-kg-sampah-bekas-pemakaman-covid-dimusnahkan/	April 7, 2022	The Sanitation and Landscaping Management Unit (UPKP) of Sumpiuh District assigned three personnel and one driver to transport B3 waste from the collaboration team for the funeral of deceased COVID-19 patients. 22.5 kilograms of waste were collected. The burial period was carried out from January to March.

Source: <https://radarbanyumas.co.id/search/?q=sampah> accessed on July 19, 2022

policies that can be implemented by various parties. The local media not only shows the problem, but also tries to provide solutions to the waste problems.

In public policy, the local media plays a role as an effective party to push the waste issue into the government agenda, provides enlightenment to the public on the importance of managing waste properly through social criticism and examples of the impact of poor waste management . It also provides new perspectives to the public on innovations that can be carried out by reporting best practices in waste management. This position should be maintained and developed so that the local media can truly become a pillar of democracy, an extension of the people's voice, and also a guardian of public common sense. Local online news media can test waste management measures at the regional level. Good news organizations are those that can play a role in providing information for comparative evaluation of justice and providing the possibility for the development of public reasoning (30). The media is conventionally assumed to play an important role in the politics of public welfare (31).

Radar Banyumas has assumed a position as a control of the agenda and policy implementation, social criticism and providing provider of best practices information. Such initiative creates hope and confidence that good policies and a good public life remain possible to be created. This also proves that the use of the internet can change the relationship between citizens, political parties, and the government in the area of public policy, potentially influencing citizens' political beliefs and their attitudes towards direct democracy (32). Civil society and private sectors can directly influence the direction of policy. On the other hand, policymaking actors are well aware of the importance of the media in shaping public opinion and use it tactically to influence policies (33). Radar Banyumas as a policymaking actor also attempts to influence government policies with content that highlights public policies, social criticism, and best practices.

4. Conclusion

The local media plays an important role in driving the waste issue into local government's agenda, educating the public on the importance of managing waste properly through social criticism and evidence of the impact of poor waste management, as well as providing new perspectives to the public on innovations that can be implemented by conveying best practices in waste management. This position should be maintained and developed so that the local media can truly become a pillar of democracy, an extension of the people's voice, and also a guardian of public common sense. Local online news media can scrutinize and examine waste management measures at the regional level.

¹⁹Conflict of Interest

There is no conflict of interest.

Acknowledgement

Author would like to thank to 2nd ICPSH Committee and ²⁴the Faculty of Social and Political Sciences.

References

- [1] SIPSN. Capaian Kinerja Pengelolaan Sampah [Internet]. Sistem Informasi Pengelolaan Sampah Nasional (SIPSN). 2022 [cited 2022 Jul 21]. Available from: <https://sipsn.menlhk.go.id/sipsn/>
- [2] Liputan6.com. Indonesia Produksi Limbah Plastik 66 Juta Ton per Tahun, Apa Solusinya? Liputan6.com [Internet]. 2021; Available from: <https://www.liputan6.com/bisnis/read/4706371/indonesia-produksi-limbah-plastik-66-juta-ton-per-tahun-apa-solusinya>
- [3] Masduki. Kebebasan Pers dan Kode Etik Jurnalistik. Yogyakarta: UII Press; 2004.
- [4] Halik A. Atmosfer kebebasan pers. J Jurnalisa. 2020;6(1):140–59.
- [5] Bognár B. A culture of resistance: Mass media and its social perception in central and Eastern Europe. Polish Sociol Rev. 2018;202(2):225–42.
- [6] Kirdemir B. TURKEY ' S DIGITAL NEWS LANDSCAPE Polarization , Social Media , And Emerging Trends Baris Kirdemir | EDAM Non Resident Fellow. 2020;(2020).
- [7] Morgan J. Changing the conversation. Lancet Diabetes Endocrinol. 2018;6(6):444.

- [8] Schroeder R. Media systems, digital media and politics. *Soc Theory after Internet*. 2018;28–59.
- [9] McHale JP. Mass Media, Social Control, and Political Authority in a Post-Truth Environment. In: Rabe-Hemp CE, Lind NS, editors. *Political Authority, Social Control and Public Policy* [Internet]. Emerald Publishing Limited; 2019. p. 259–73. (Public Policy and Governance; vol. 31). Available from: <https://doi.org/10.1108/S2053-769720190000031017>
- [10] Liu S, Cai L, Zhao X. The role of mass media in education policies: a Chinese case study. *J High Educ Policy Manag*. 2019;41(2):186–203.
- [11] Feezell JT. Agenda Setting through Social Media: The Importance of Incidental News Exposure and Social Filtering in the Digital Era. *Polit Res Q*. 2018;71(2):482–94.
- [12] Amoako S, Opoku MP, Nketsia W, Edusei AK, Afriyie SA, Badu E. Inclusivity in neo-liberal policy environment: preparedness of mass media to support disability awareness campaigns in Ghana. *Disabil Rehabil* [Internet]. 2020;42(21):3015–23. Available from: <https://doi.org/10.1080/09638288.2019.1582718>
- [13] Bhaskar K, Kumar B. Electronic waste management and sustainable development goals: Is there a business case for linking the two? *J Indian Bus Res*. 2019;11(2):120–37.
- [14] Chung IJ. Dynamics of media hype: From Media Hype to Twitter Storm. 2018;211–28.
- [15] Pinho M, Dias Costa E. Can mass media be an obstacle to rationing decisions? A case report from Portugal. *Int J Heal Gov* [Internet]. 2020 Jan 1;25(1):3–11. Available from: <https://doi.org/10.1108/IJHG-10-2019-0069>
- [16] Andrianti N. Peran Media Massa Nasional Dalam Politik Internasional. *Informasi*. 2015;45(1):43.
- [17] Kuckartz U. *Qualitative Text Analysis: A Systematic Approach* [Internet]. Springer International Publishing; 2019. 181–197 p. Available from: http://dx.doi.org/10.1007/978-3-030-15636-7_8
- [18] Shava GN, Hleza S, Tlou F, Shonhiwa S, Mathonsi E. Qualitative Content Analysis, Utility, Usability, and Processes in Educational Research. *Int J Res Innov Soc Sci* [Internet]. 2021;V(VII):2454–6186. Available from: www.rsisinternational.org
- [19] Soroka S, Wlezien C. Tracking the Coverage of Public Policy in Mass Media. *Policy Stud J*. 2019;47(2):471–91.
- [20] Suwirta A. Pers dan Kritik Sosial pada Masa Orde Baru: Studi Kasus Pers Mingguan Mahasiswa Indonesia di Bandung, 1966-1974. *Mimb Pendidik*. 2018;3(2):113–36.

- [21] Suwirta A. Pers dan Kritik Sosial pada Masa Orde Baru : Peristiwa MALARI Tahun 1974 dalam Pandangan Surat Kabar Merdeka dan Indonesia Raya di Jakarta. *Susurgalur J Kaji Sej Pendidik Sej*. 2018;6(1):73–98.
- [22] Suwirta A. Pers dan Kritik Sosial pada Masa Orde Baru: Kasus BAPINDO Tahun 1994 dalam Sorotan Surat Kabar Republika di Jakarta. *Insa J Islam Stud Indones Southeast Asia*. 2018;3(1):161–86.
- [23] Rosenlund J, Nyblom Å, Matschke Ekholm H, Sörme L. The emergence of food waste as an issue in Swedish retail. *Br Food J* [Internet]. 2020 Jan 1;122(11):3283–96. Available from: <https://doi.org/10.1108/BFJ-03-2020-0181>
- [24] Aktas E, Sahin H, Topaloglu Z, Oledinma A, Huda AKS, Irani Z, et al. A consumer behavioural approach to food waste. *J Enterp Inf Manag*. 2018;31(5):658–73.
- [25] SIPSN. Komposisi Sampah Berdasarkan Jenis Sampah [Internet]. Sistem Informasi Pengelolaan Sampah Nasional (SIPSN). 2022 [cited 2022 Jul 21]. Available from: <https://sipsn.menlhk.go.id/sipsn/>
- [26] SIPSN. Komposisi Sampah Berdasarkan Sumber Sampah [Internet]. Sistem Informasi Pengelolaan Sampah Nasional. 2022 [cited 2022 Jul 21]. Available from: <https://sipsn.menlhk.go.id/sipsn/>
- [27] Chen B, Lee J. Household waste separation intention and the importance of public policy. *Int Trade, Polit Dev*. 2020;4(1):61–79.
- [28] Thanh PT, Tung LT. Can risk communication in mass media improve compliance behavior in the COVID-19 pandemic? Evidence from Vietnam. *Int J Sociol Soc Policy*. 2021;
- [29] Schauseil W, Zúñiga N, Jackson D. Media and anti-corruption. 2019;0–18.
- [30] Litschka M. The political economy of media capabilities: The capability approach in media policy. *J Inf Policy*. 2019;9:63–94.
- [31] Jensen C, Wenzelburger G. Welfare state reforms and mass media attention: Evidence from three European democracies. *Eur J Polit Res*. 2021;60(4):914–33.
- [32] Chang W-C. Media use, political trust and attitude toward direct democracy: empirical evidence from Taiwan. *Online Inf Rev* [Internet]. 2022 Jan 1;46(4):733–53. Available from: <https://doi.org/10.1108/OIR-09-2019-0290>
- [33] Katikireddi SV, Hilton S. How did policy actors use mass media to influence the Scottish alcohol minimum unit pricing debate? Comparative analysis of newspapers, evidence submissions and interviews. *Drugs Educ Prev Policy*. 2015;22(2):125–34.

Analysis of How Local Online News Helped Shape Waste Management Policies in the Aftermath of the COVID-19 Pandemic

ORIGINALITY REPORT

9%

SIMILARITY INDEX

7%

INTERNET SOURCES

4%

PUBLICATIONS

4%

STUDENT PAPERS

PRIMARY SOURCES

1

Submitted to Universitas Persada Indonesia
Y.A.I

Student Paper

1%

2

radarbanyumas.co.id

Internet Source

1%

3

Abdul Aziz Ahmad, Ahmad Sabiq, Slamet
Rosyadi, Denok Kurniasih. "Challenges to the
Development of Creative Economy SMEs in
Banyumas Regency due to Social Distancing
Policies During the COVID-19 Pandemic", KnE
Social Sciences, 2023

Publication

1%

4

Submitted to Universitas Diponegoro

Student Paper

1%

5

Submitted to University of North Texas

Student Paper

1%

6

sig.id

Internet Source

1%

7	Submitted to Northern Valley Regional High School - Old Tappan Student Paper	<1 %
8	journal2.um.ac.id Internet Source	<1 %
9	journals.sagepub.com Internet Source	<1 %
10	Renny Miryanti, Siti Baniyah. "Analysis of Indonesia's Loss against the United States of America in the Horticultural Trade Dispute at the World Trade Organization", KnE Social Sciences, 2023 Publication	<1 %
11	ww.ijicc.net Internet Source	<1 %
12	Submitted to University of Sussex Student Paper	<1 %
13	bmcpublichealth.biomedcentral.com Internet Source	<1 %
14	alabama.ebscoed.com Internet Source	<1 %
15	journal.iapa.or.id Internet Source	<1 %
16	www.idxchannel.com Internet Source	<1 %

17	radarkarawang.id Internet Source	<1 %
18	Vivian So, Andrew D Millard, S Vittal Katikireddi, Ross Forsyth et al. "Intended and unintended consequences of the implementation of minimum unit pricing of alcohol in Scotland: a natural experiment", Public Health Research, 2021 Publication	<1 %
19	knepublishing.com Internet Source	<1 %
20	Nurcahyo Jungkung Madyo. "Implementation of Local Wisdom in Stopping Prosecutions Based on Restorative Justice", KnE Social Sciences, 2023 Publication	<1 %
21	pdfs.semanticscholar.org Internet Source	<1 %
22	www.emerald.com Internet Source	<1 %
23	www.mdpi.com Internet Source	<1 %
24	Agus Haryanto, Ivonia Reigita Shandy, Queenna Allen Setyawan. "Analysis of the Dieng Culture Festival from the Perspective of	<1 %

25

Wen-Chun Chang. "Media use, political trust and attitude toward direct democracy: empirical evidence from Taiwan", Online Information Review, 2021

Publication

<1 %

26

www.jawapos.com

Internet Source

<1 %

27

Zeyad Owaid Swaidan Al-Mohammadi. "Historical Development of Settlements near Fallujah in the Light of Archaeological Evidence and Cuneiform Writing Sources", KnE Social Sciences, 2020

Publication

<1 %

Exclude quotes On

Exclude matches Off

Exclude bibliography On