From Likes to Change: Assessing the Impact of Citizen Engagement on the

European Commission's Social Media Platforms

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17 Abstract

One or two sentences providing a basic introduction to the field, comprehensible to a

scientist in any discipline.

Two to three sentences of more detailed background, comprehensible to

21 scientists in related disciplines.

One sentence clearly stating the **general problem** being addressed by this

23 particular study.

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One sentence summarizing the main result (with the words "here we show" or

their equivalent).

Two or three sentences explaining what the **main result** reveals in direct

27 comparison to what was thought to be the case previously, or how the main result adds to

28 previous knowledge.

One or two sentences to put the results into a more **general context**.

Two or three sentences to provide a **broader perspective**, readily comprehensible

to a scientist in any discipline.

32 Keywords:

Keywords: keywords

Word count: X

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36 Introduction

- In recent years, the rise of social media platforms has led to significant changes in the way institutions, including public organizations, communicate with their audiences. As a result, the importance of citizen engagement in the process of communication through social media has become increasingly recognized. This engagement involves not only a one-way flow of information from public institutions to citizens, but also an interactive dialogue between the two parties.
- The concept of engagement in social media has been studied extensively in recent years,
- with researchers exploring various aspects of this phenomenon. One such study, conducted by
- (Dolan2016?), approached social media engagement behavior from a uses and gratifications
- perspective, focusing on the motivations and benefits that users derive from engaging with
- social media. Meanwhile, the study by (Dragseth2020?) explored how social media can
- be used to build engagement among students in the context of political science education.
- 49 Another important aspect of engagement in social media is the role it plays in activation
- campaigns aimed at consumers. (Mirbagheri2019?) conceptualized and developed a scale
- to measure consumers' engagement with social media activation campaigns. Additionally,
- 52 (Smith2015?) analyzed public engagement with organizations through social media, high-
- lighting the importance of two-way communication between public institutions and citizens.
- 54 The differentiating role of platform type in engagement with social media and social media
- 55 advertising was explored by (Voorveld2018?), who found that the level of engagement
- varies across different social media platforms.
- 57 In addition to understanding the various aspects of engagement in social media, it is also
- 58 important to recognize the significance of citizen engagement in the context of public insti-
- tutions. Citizen engagement plays a critical role in ensuring transparency and accountability

- 60 in public decision-making processes. Furthermore, engagement with citizens can lead to the
- development of more effective policies and programs that better serve the needs of the com-
- 62 munity.
- 63 Moreover, the importance of citizen engagement in the process of communication through
- social media cannot be overstated. Through social media, public institutions can engage
- in an interactive dialogue with citizens, build trust, and develop more effective policies and
- 66 programs. As such, further research, and exploration of the concept of engagement in social
- 67 media is critical for ensuring that public institutions continue to effectively communicate
- with and serve the needs of their communities.
- 69 Citizen engagement through social media can also contribute to the empowerment of individ-
- ⁷⁰ uals and groups, giving them a voice in public decision-making processes and enabling them
- to hold public institutions accountable for their actions. This can help to build stronger,
- more resilient communities that are better equipped to respond to challenges and opportu-
- 73 nities.
- It is also important to note that while social media has the potential to be a powerful tool for
- 75 citizen engagement, there are also challenges and risks associated with its use. These include
- ⁷⁶ issues related to privacy, security, and the spread of misinformation and disinformation. As
- such, public institutions must be mindful of these risks and take steps to mitigate them,
- 78 while also leveraging the power of social media to engage with citizens in a meaningful way.
- Overall, the rise of social media has transformed the way public institutions communicate
- with citizens, placing a greater emphasis on engagement and two-way communication. Un-
- derstanding the various aspects of engagement in social media is critical for public institutions
- to effectively communicate with and serve the needs of their communities. By leveraging the
- power of social media to engage with citizens, public institutions can build trust, empower
- 84 individuals and groups, and develop more effective policies and programs that better serve
- 85 the needs of the community.

##Literature review In the past few years, social media has risen to become a significant means of communication between public institutions and citizens. This has paved the way for increased citizen engagement in the decision-making process, which is considered essential for fostering trust and enhancing accountability. This literature review delves into the significance of citizen involvement in the communication process of public institutions via social media. It does so by amalgamating and synthesizing the findings of diverse studies, each focusing on various facets of social media and citizen engagement within the European Union.

(Bene 2022?) conducted a study exploring the impacts of self-centered social media communication styles on user engagement across 12 European nations. Their findings revealed that 95 social media communication emphasizing user participation and fostering feedback effectively boosts user engagement. Social media users who feel they have a say in the decision-making 97 process are more inclined to engage and participate in conversations. (DeWilde2022?) examined citizen engagement with European politics on social media platforms and discovered that social media holds the potential to increase citizen involvement and participation in 100 the political sphere. They found that social media offers citizens a platform to express their 101 opinions, partake in discussions, and influence policy-making decisions. In a similar vein, (Bankston2021?) investigated the role of social media in migration and smuggling across 103 the European Union's virtual borders. This study concluded that social media platforms of-104 fer citizens opportunities to engage in dialogues and share their perspectives on immigration 105 policies. 106

(Cinelli2022?), on the other hand, delved into promoting engagement with quality communication in social media. Their findings indicated that employing persuasive language, evoking emotions, and utilizing framing can enhance user engagement. The study recommends that public institutions implement quality communication techniques to boost citizen engagement and participation in policy-making. (Muller2022?) analyzed the social media attention garnered by European Union agencies and found a positive correlation between

increased attention and higher levels of citizen engagement. This study implies that public institutions can augment citizen engagement by effectively utilizing social media to showcase their activities and interact with citizens.

Additionally, (Rus2021?) carried out a case study investigating the representation of the 116 European Commission in Romania via social media communication. The study established 117 that social media communication by public institutions can bolster transparency and ac-118 countability, consequently leading to heightened citizen engagement. (Hancu2020?) ex-119 amined the communication strategies employed by audit institutions in the European Union 120 during the Covid-19 crisis. Their findings suggested that social media can serve as a potent 121 tool for promoting public services and encouraging environmental engagement. The study 122 advocates for public institutions to harness social media to showcase their activities and 123 connect with citizens during times of crisis. (Kanol2021?) scrutinized the social media 124 engagement tactics of British interest groups on Facebook. They found that group type 125 influences social media engagement strategies, with non-profit groups being more inclined to 126 utilize user-generated content and participatory approaches. The study implies that public 127 institutions can adopt lessons from non-profit groups and employ participatory strategies to 128 elevate citizen engagement.

Finally, (Wei2021?) executed a case study analyzing public opinions on climate change policy in the European Union using Twitter data. The study concluded that social media offers a platform for citizens to discuss climate change policies, suggesting that public institutions should leverage social media to engage with citizens on critical issues like climate change.

135 Methods

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

138 Participants

- 139 Material
- 140 Procedure
- 141 Data analysis
- We used R (Version 4.2.3; R Core Team, 2023) and the R-packages papaja (Version 0.1.1;
- Aust & Barth, 2022), and tinylabels (Version 0.2.3; Barth, 2022) for all our analyses.

144 Results

Discussion

146 References

- Aust, F., & Barth, M. (2022). papaja: Prepare reproducible APA journal articles with R

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