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Women's Empowerment through Farmers' Women's Groups (KWT): Enhancing Female Productivity in Rural Indonesia

Agung Prajuliyanto[1*]

[1]Social Development, Faculty of Political and Social Science, Mulawarman University, Samarinda, Indonesia

Abstract

This paper examines the role of Kelompok Wanita Tani (KWT), or Women Farmers' Groups, as a grassroots mechanism for enhancing rural women's productivity and empowerment in Indonesia. Adopting a qualitative descriptive approach, the study was conducted in three villages in Blitar Regency, East Java, through in-depth interviews, participant observation, and document analysis. The findings demonstrate that KWTs play a pivotal role in increasing women's household income, strengthening agricultural and entrepreneurial skills, and fostering leadership and community participation. Women involved in KWTs reported greater financial autonomy, confidence in decision-making, and access to local networks. Nonetheless, the study identifies persistent structural challenges such as limited access to capital, inconsistent training support, market dependency, and generational disengagement. To maximize the impact of KWTs, the study recommends integrated interventions that promote institutional support, financial inclusion, digital literacy, and youth participation. This research contributes to the growing discourse on gender, collective action, and rural development in Southeast Asia.

Keyword: women's empowerment, rural livelihoods, KWT, collective action, gender and agriculture, Indonesia

1. INTRODUCTION

The role of women in rural development has gained increasing attention from both scholars and policymakers over the past two decades. In many developing countries, including Indonesia, rural women are key actors in agricultural production, household food security, and local economies. However, their contributions often remain undervalued and under-supported, with limited access to land, financial capital, decision-making forums, and formal employment opportunities (FAO, 2011; UN Women, 2020).

Indonesia's rural development strategy has gradually incorporated gender perspectives through community-based initiatives such as Kelompok Wanita Tani (KWT), or Farmers' Women's Groups. Established under the auspices of the Ministry

[1]*Corresponding author, email: agungprajuliyanto@fisip.unmul.ac.id

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of Agriculture, KWTs aim to enhance the productivity and welfare of rural women by facilitating collective action, knowledge exchange, skill development, and income generation.

The significance of KWTs lies in their grassroots orientation and their ability to integrate various development aspects: agriculture, food security, women's empowerment, and local economic resilience. In practice, KWTs have evolved beyond agricultural concerns, engaging in food processing, herbal medicine production, eco-tourism, and even digital entrepreneurship in response to market and policy dynamics.

Yet, the impact and sustainability of KWTs vary widely depending on local contexts, governance support, market access, and the level of agency among women members. This study seeks to examine how KWTs contribute to enhancing women's productivity in selected rural areas of Blitar Regency, East Java. It also explores the enabling and constraining factors that shape the effectiveness of KWTs as empowerment platforms.

The guiding research questions are:

1. In what ways do KWTs empower rural women economically and socially?
2. What kinds of capacities and skills are developed through KWT participation?
3. What are the structural challenges that KWTs face in sustaining productivity and empowerment goals?

2. LITERATURE REVIEW

2.1 Women's Empowerment and Rural Development

The concept of women's empowerment has been widely defined as the process by which women gain power and control over their own lives, as well as the ability to influence the direction of social change (Kabeer, 1999). Empowerment involves the expansion of choice and action in areas such as economic participation, education, health, and political representation (Narayan, 2005).

In rural contexts, empowerment is often constrained by structural inequalities—such as gendered divisions of labor, patriarchal norms, and limited access to institutional support (Razavi, 2009). Nevertheless, community-based organizations (CBOs), particularly those involving economic cooperation, have shown potential in promoting both individual and collective empowerment among women (Rowlands, 1997).

2.2 Collective Action and Gendered Institutions

Ostrom (1990) and Agarwal (2001) emphasized the importance of collective action in managing common resources and enhancing community welfare. When applied to gendered institutions like KWTs, collective action allows women to overcome individual barriers such as lack of education, confidence, or bargaining power. Studies in South and Southeast Asia have documented how women's groups can mobilize social capital and contribute to poverty alleviation (Mayoux, 2005).

However, collective action among women is often fragile, especially in contexts where socio-cultural norms discourage female leadership or public visibility. Therefore, the success of such groups depends not only on internal cohesion and leadership, but also on the availability of external support—such as training, access to finance, and market integration (Cornwall & Edwards, 2010).

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2.3 The Role of KWT in Indonesia

KWTs were introduced as part of national programs to encourage women's participation in agriculture and rural development. According to the Ministry of Agriculture (2021), over 30,000 registered KWTs exist across Indonesia, covering a wide range of agricultural and agro-processing activities. Their formal structure includes leadership committees, regular meetings, and links to extension services.

KWTs function at the intersection of agriculture, gender, and community empowerment. They often serve as intermediaries between local women and government programs, especially those involving food security (Kawasan Rumah Pangan Lestari), nutrition improvement, and sustainable farming. In some regions,

KWTs have evolved into cooperatives or microenterprises that market value-added products such as snacks, herbal medicine, and eco-friendly crafts.

Nevertheless, challenges remain. A study by Yuliana et al. (2019) found that many KWTs struggle with weak organizational management, dependence on subsidies, and limited market competitiveness. Moreover, some KWTs exist only nominally for administrative purposes, without meaningful engagement of their members.

2.4 Digitalization and Market Access

Recent advancements in digital platforms have opened new opportunities for rural women's groups to market their products, access online training, and build entrepreneurial skills (World Bank, 2020). During the COVID-19 pandemic, several KWTs adopted digital tools to maintain operations and reach wider audiences. However, the digital divide remains a concern, particularly for women in remote areas with limited internet access and low digital literacy (Sutanto & Aisyah, 2022).

The intersection of gender, rural entrepreneurship, and digital transformation is an emerging field of study that requires deeper exploration, especially in the context of community-driven initiatives like KWTs.

3. METHODS

3.1 Research Design

This study employed a qualitative descriptive approach to explore how KWTs contribute to women's empowerment and productivity in rural communities. The qualitative method allows for a contextual and in-depth understanding of social phenomena, particularly regarding community-based organizations and gender dynamics.

3.2 Research Sites

The research was conducted in three villages in Blitar Regency, East Java, Indonesia namely Desa Tegalrejo, Desa Sumberjo, and Desa Karangsono. These villages were selected due to their active KWTs and participation in agricultural and agro-processing activities supported by both government and private sector (CSR) programs.

3.3 Data Collection

Data were collected through the following techniques:

a. In-depth Interviews: Conducted with 12 KWT members, including 3 group leaders, 6 regular members, and 3 local agricultural extension officers.

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b. Participant Observation: Observations were made during group meetings, training sessions, and daily production activities over a three-month period.
c. Document Review: Analysis of KWT activity records, government reports, CSR program documentation, and relevant local development plans.

3.4 Data Analysis

Data were analyzed using thematic analysis. Transcribed interviews and field notes were coded to identify recurring themes related to economic empowerment, skill development, leadership, collaboration, and institutional challenges. Triangulation was applied to validate findings from multiple sources.

4. FINDINGS AND DISCUSSION

4.1 Economic Empowerment and Household Income

KWT members reported an increase in income ranging from IDR 500,000 to IDR 1,500,000 per month through collective production and marketing of agricultural products, including traditional sweets (wajik), herbal drinks (jamu), and cassava-based snacks. These income-generating activities supplemented their family's main earnings, providing financial autonomy and the ability to support children's education or household needs.

Several participants noted that before joining KWTs, they were financially dependent on their spouses. As one respondent explained:
"Before I joined the group, I never had my own money. Now, I can contribute to the household, and even save a little for emergencies."
(Interview, Member of KWT Mekar Sari, Desa Tegalrejo)
This finding aligns with Kabeer's (1999) framework, which defines empowerment as gaining access to resources, agency, and achievement.

4.2 Knowledge and Skills Development

KWTs provided regular training on organic farming, food processing techniques, financial literacy, and packaging and branding. These trainings were often facilitated by the local agricultural office or CSR partners such as regional banks and food industries.
However, the quality and continuity of training varied. In some cases, training was one-off and lacked follow-up or monitoring. Despite this, members expressed increased confidence in their skills, particularly in product innovation and customer engagement. Digital literacy remained limited, although younger members had started experimenting with social media to promote products.

4.3 Social Capital and Leadership

KWTs also functioned as spaces for solidarity, emotional support, and informal counseling. Members formed close-knit groups that provided mutual assistance during illness, economic difficulty, or family-related issues.

Moreover, participation in KWTs enabled several women to emerge as local leaders serving on village planning boards (Musrenbangdes), community health forums (Posyandu), and cooperatives. Leadership was especially visible among women who had completed secondary education or were exposed to prior organizational experience (e.g., PKK or farmer unions).

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"Through KWT, I gained the courage to speak in village meetings. Now I am invited to represent our group in development discussions."
(Interview, KWT Chairwoman, Desa Karangsono)

4.4 Structural Challenges

Despite the progress, several structural and institutional challenges were identified:

a. Access to Capital: Limited funding constrained expansion of production capacity and formal product certification (e.g., P-IRT or BPOM licensing).
b. Market Access: Members relied on seasonal markets and government-sponsored expos. Sustainable access to regional or online markets was rare.
c. Generational Gap: Young women showed limited interest in joining KWTs, often preferring non-agricultural employment in cities. This raised concerns about continuity and succession.
d. Administrative Burden: Some KWTs were overly dependent on government projects, focusing more on fulfilling administrative targets than building sustainable models.

5. DISCUSSION

The findings demonstrate that KWTs act as both economic and socio-cultural platforms for rural women's empowerment. The income earned through collective effort strengthens the economic position of women within their households, while the organizational environment builds leadership skills and social solidarity.

However, the success of KWTs is closely tied to external support structures—such as government extension services, NGOs, and private sector involvement. Where such support is consistent and adaptive, KWTs flourish. Where it is fragmented or overly bureaucratic, KWTs stagnate or dissolve.

This echoes previous findings (e.g., Cornwall & Edwards, 2010) that empowerment initiatives must be both bottom-up and structurally supported. Policy must go beyond forming groups to ensuring that institutional environments (access to finance, training, marketing networks) support women's aspirations for autonomy and productivity.

6. CONCLUSION AND RECOMMENDATIONS

This study has examined how Kelompok Wanita Tani (KWT) contributes to the empowerment and productivity of rural women in Blitar Regency, East Java. The findings demonstrate that KWTs function not only as economic units but also as spaces of learning, leadership, and social solidarity. Through collective action, women gain access to income-generating opportunities, improve their technical and entrepreneurial skills, and participate more actively in local governance.

Despite their potential, KWTs face structural challenges including limited access to capital, markets, and digital technology. There is also a growing concern about generational continuity, with fewer young women participating in agricultural-based women's groups.

Based on these findings, the following recommendations are proposed:

1. Strengthen Institutional Support

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Local governments should provide continuous facilitation, including technical assistance, marketing platforms, and administrative mentoring to ensure that KWTs are not only formed but also sustained effectively.

2. Promote Financial Inclusion and Access to Capital
   KWTs need access to microfinance institutions and revolving fund schemes tailored for women's collectives. Partnerships with cooperatives or CSR programs can help bridge capital gaps.
3. Enhance Digital Capacity
   Integrate digital literacy training into KWT programs to enable members to engage in e-commerce, digital branding, and online market research. This is essential in adapting to post-pandemic economic shifts.
4. Foster Intergenerational Involvement
   Involve youth through school-based agricultural programs, internships, or digital entrepreneurship roles within KWTs to ensure sustainability and innovation.
5. Encourage Multi-Stakeholder Collaboration
   Strengthen the synergy between local governments, universities, NGOs, and the private sector in developing holistic empowerment frameworks that address both economic and socio-cultural aspects of women's development.

In conclusion, KWTs are a viable and transformative model for rural women's empowerment in Indonesia. However, their success hinges on multi-dimensional support that addresses not only economic inputs but also capacity development, policy alignment, and the socio-cultural ecosystem in which these women operate.

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