

# COMMUNITY PARTNERSHIP PROGRAM: DISSEMINATION of URBAN FARMING TECHNOLOGY FOR COMMUNITY of JATINEGARA WEST FLATS

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# Outline



**Background**

**Methodology**

***Result, Challenge Faced, and Conclusion***

**Recommendation**

**Acknowledge**



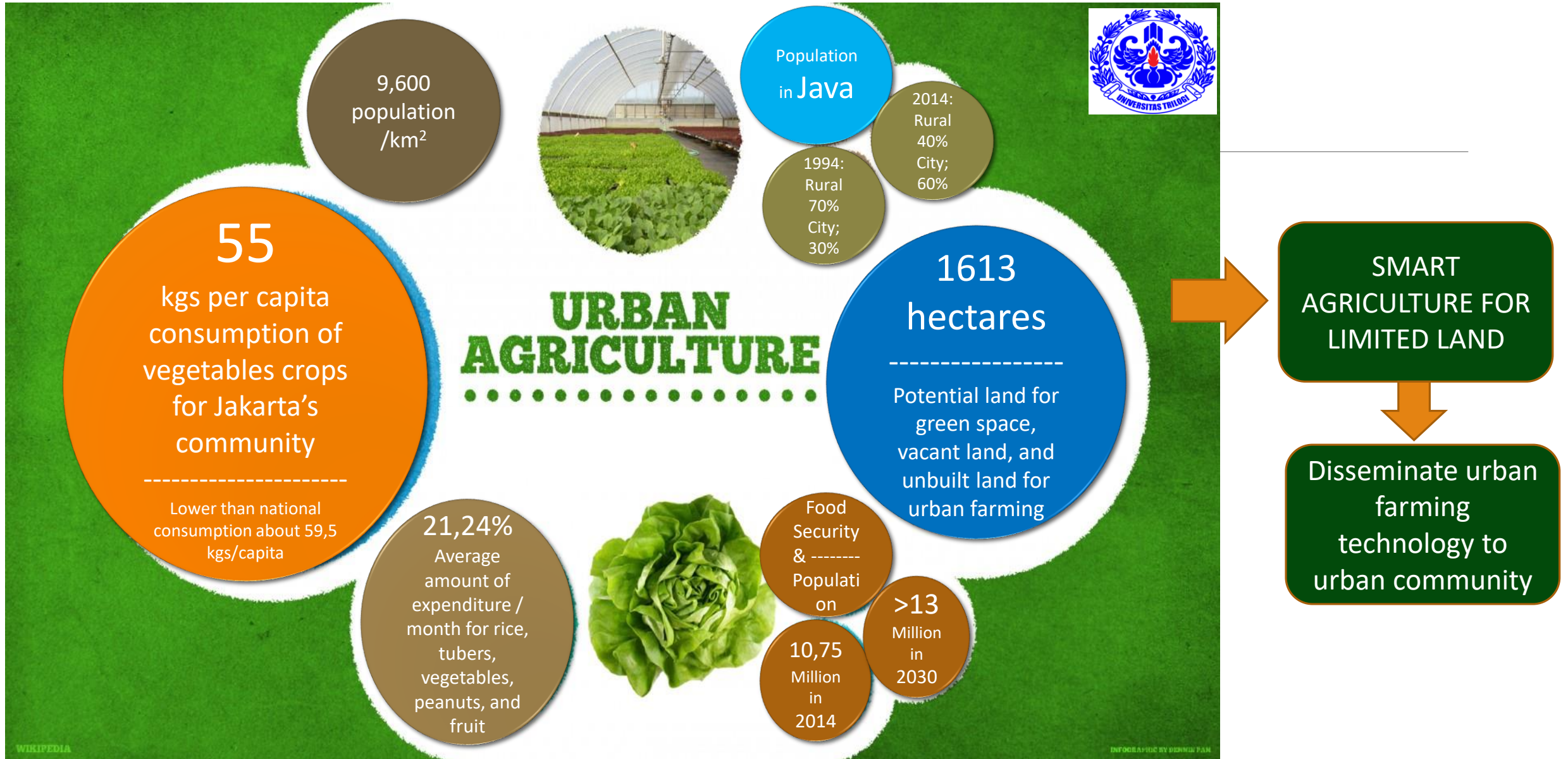
# Background

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- The rapid rate of population growth in both urban and rural areas
- Issues of food security and environmental sustainability especially in the city or urban area
- *In* developing countries, urban area is increasingly becoming a center of population as well as settlements and a collection of people with ethnic diversity → *availability of land is increasingly limited*



# Background : Statistic of urban agriculture in Jakarta Province



# METHODOLOGY

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## 1. Preparation



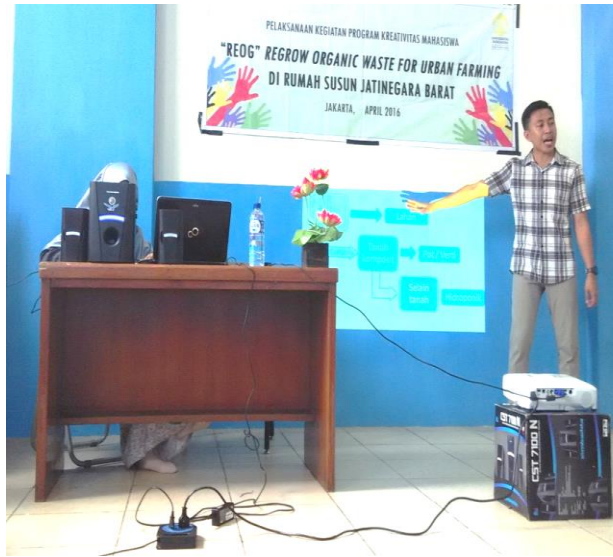
## 2. Implementation



# Result

Activity	Time of execution	Result of Activity	Follow up
Sosialization of activity program	March 2017	Socialization of program activities to partners that is Karang Taruna and PKK	Preparation of activity program
<b>Dissemination of Urban Farming Technology through seminar and training consist of:</b> <ol style="list-style-type: none"> <li>1. Cultivation of Vegetable crops plant in yard</li> <li>2. Vertical farming cultivation technique</li> <li>3. Utilization of used goods as container planting</li> <li>4. Composting from household organic waste with composter</li> <li>5. Introducing cultivation of hydroponic system</li> </ol>	April-May 2017	<ul style="list-style-type: none"> <li>- Presenting by 3 members of Karang Taruna and 10 members of PKK</li> <li>- 100% of participants knew urban farming, 84.6% of participants stated that the activities were very useful, and 62.9% said they wanted to continue the urban farming</li> <li>- Increasing the knowledge of partners about urban farming</li> <li>- Applied of urban farming technology have been doing by communities</li> <li>- Applied of hydroponic system is not done yet. Waiting renovation of net house finish</li> </ul>	Mentoring and focus discussion about optimalization of net house and hydroponic instalation
Mentoring	May-September 2017	<ul style="list-style-type: none"> <li>- Formed responsible groups for managers of green open space and net house</li> <li>- There is a siteplan for green open space management</li> </ul>	Partnership initiation with another partner consist of agency and as similar community
Partnership initiation with agency and Indonesia garden community	September 2017	<ul style="list-style-type: none"> <li>- Coordinated with agency and Jabotabek Gardening Community</li> </ul>	Follow up of partnership
Net house revitalization	October 2017	<ul style="list-style-type: none"> <li>- Renovation of Net house</li> </ul>	Repairing hydroponic installation







Before partnership



After partnership





Before partnership



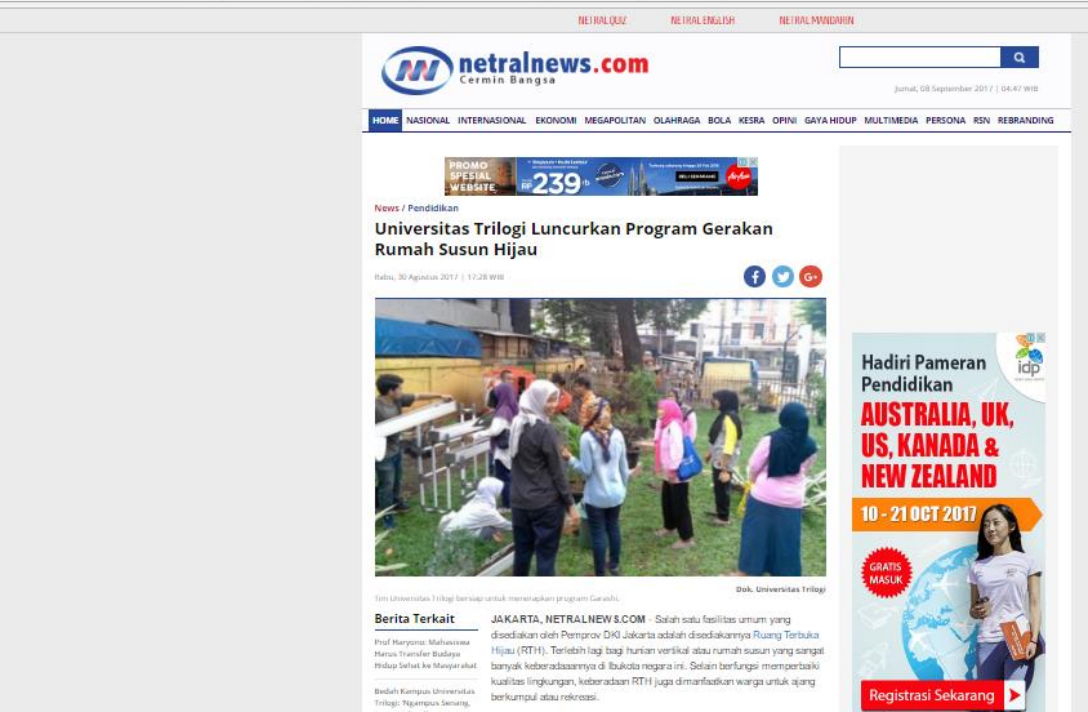
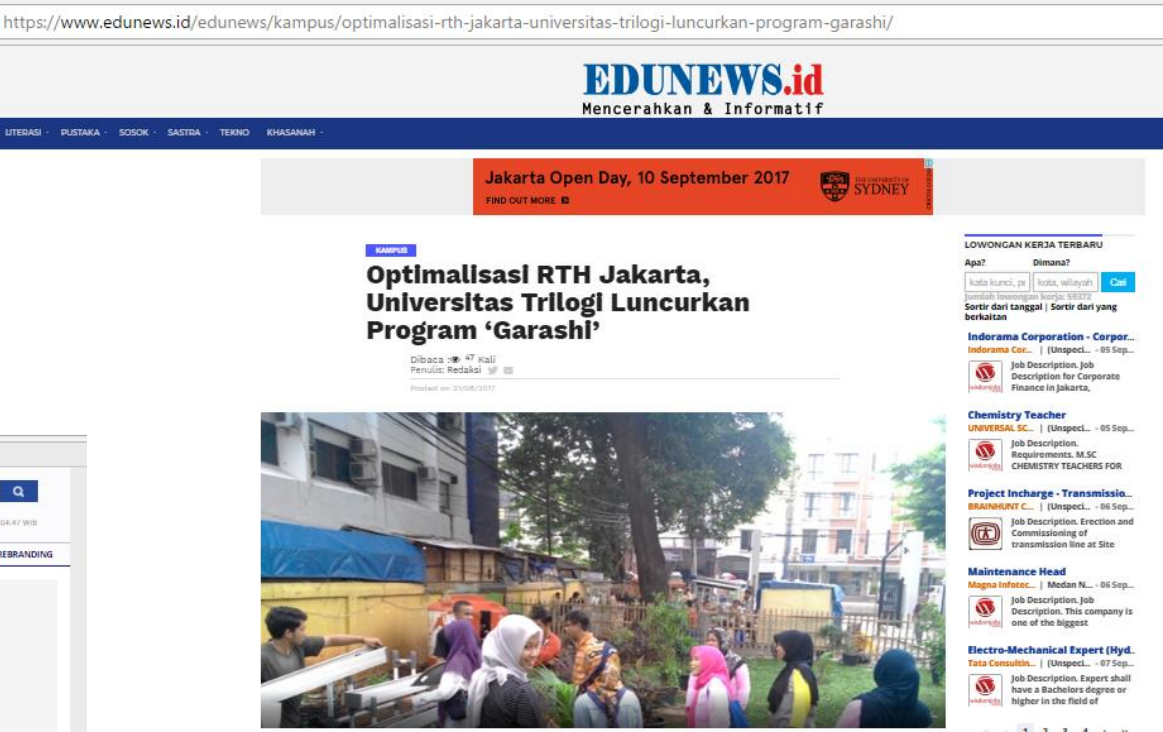
After partnership



# Media coverage



www.netralnews.com/news/pendidikan/read/98586/universitas.trilogi.luncurkan.program.ge





# Challenge Faced

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- Enthusiasm and active role of residents towers still not optimal. Only some PKK activists and Karang Taruna are active in this program activity
- Less attentive of community members of farmer groups causes one of the net house infrastructure is not optimized properly



# Conclusion

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- This partnership program with the community is a program that can synergize between the expertise possessed by educational institutions with the needs of the community.
- The program we are implementing is to contribute in solving the problem of food security. One of its efforts is to dissemination of technology and conduct food cultivation through urban farming activities.
- One of the obstacles is the lack of active citizens' participation in environment-based activities.





# Recommendations for the Community Partnership Program

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This urban farming enables urban communities to reduce their spending on food by self-production (Armar-klemesu, 2000). For that reason, some recommendations for the following partnership pattern of urban agriculture are:

1. Develop cooperation with the industrial sector in order to develop economies of scale for urban agriculture activities residents of flats
2. Increasing the participation of citizens of flats by involving residents towers in urban agriculture activities
3. Urban farming practices are applied with sustainable and environmentally concepts. So with such a concept is expected to create a healthy environment, safe, comfortable, and clean (Fauzi *et al*, 2016).



# Acknowledge

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♥ THANK YOU ♥