



Society Community (ARISAN) Based on Green Life Style towards a Sustainable Society to Prevent Global Warming and Increase Social Solidarity at Jojoran Surabaya

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Abstract

One day, the world is trying to superintend global warming that have very dangerous in our life. Global warming is process of increase average temperature atmosphere, sea, and land earth. Rising global temperature will estimated motivate changes another as increase surface water sea, increase occur extreme weather, as well as total change and presipitasi pattern. Another result global warming are influenced agricultural output, the lost of glaciers, and extinct of various animals. One of the ways that can reduce global warming even thought to prevent it is with green life style. To overcome these problems, the authors make an idea to create a society community (ARISAN) based on green life style toward a sustainable society to prevent global warming. This society community not just can reduce global warming even thought to prevent it but also can streng the relationship between people in the community. This society community based on koperasi economic principle. In koperasi economic democracy, production not only work of most citizen but all citizen and as in Indonesia, particularly at Jojoran Surabaya. This society organizatiton can reduce or even make a good relationship between human in society. This organization based on principle of cooperation of economy. In this cooperation, production is not only made by few people but all of them, and for the result will be delivered to all of member fairly (Explanation of section 33 UUD 45). this cooperation system is based on principle of kinship, society, and pancasila morality. Prosperity is the important thing in this economy. Finally, it is expected to the society that the cooperation will prevent global warming and will keep surrounding as well as making good relationship between each other by using green life style.

Keywords: Green life style, Sustainable society, Global warming, Society community (ARISAN) and cooperation economy

1. Introduction

Global warming is a problem of the earth today. There are so many causes of climate changed on earth such as exhaust fumes giant factories, the use of air conditioners, high pollution of vehicles, until throw away the garbage carelessly that can be one of the causes. We have a role in that climate change, but we can also be part the solution of these problems. If Global Warming is allowed to continue, a few next years a lot of land will be lost. According to the estimation, if the condition of the earth are getting hot for a long time that can make the polar ice will disappear within thirty years. It is certainly not only destroy live in poles, but also increase surface of the sea. But most of people underestimate, they assume all the consequences has not happened yet. Whereas the impact of global warming already happen.

In this case most regions contributed to global warming are urban areas, it caused by *carbon dioxide* are released too much and less for green land. Less green land in urban areas can increased air temperature. To decrease impact of global warming we should be have the real action like planting the green land. The advantages by green planting is will be able to minimize the increase of air temperature.

Besides problem of global warming, there is another problem that maybe for some people assume this point isn't too important, the problem is human less for interaction to others. Humans every day must be more and more busy with their activity especially their job, that will be make decrease interaction with others. Interaction is needed in life as already describe that human is a social beings which basically still need someone to help each other.

One of the measures to overcome the problem is do association with the theme green life style.

1.1. Urgency (Virtue) Research

This research is important because in this era many people more individualism, not respect each other and more of them are broken our earth so that in can cause global warming happen. ARISAN is one of the way to decrease an individualism in each person and this methode can strenghten the relationship each other, and this community based on green life style to prevent global warming. Actually all of the component in this world have to contribute to support this idea, not just the citizen of the country but the government, politicision and the other part of this world must be support and realize and implemented this idea because it is very important in the future.

1.2. Attempt That Have Been Do Before

Based on the problems that have been described, students, scientists, even though the citizen want develop a green environment with the aim of saving the environment from global warming. Such as in developed countries

1. Kyoto Protokol

To address the global warming increasingly troubling, the UN adopted a policy to address this issue by holding the Kyoto conference in December 1997, and the approval of the conference begins February 16, 2005. The Kyoto Protocol is an amendment to the United Nations Framework Convention on Climate Change (UNFCC) , which is an international agreement on global warming. Countries that ratify this protocol commit to reduce emissions / removals of carbon dioxide and other greenhouse gases waste. If successfully applied, the Kyoto Protocol is expected to reduce the average global warming of 0.02 ° C and 0.28 ° C in 2050. As of February 2005, 141 countries have ratified the protocol, including Canada, China, India, Japan, New Zealand, Russia, 25 EU member states, as well as Romania and Bulgaria. To achieve the Kyoto protocol, all countries continue to create environmentally friendly technologies, especially the developed countries. Because, many developed countries emit CO2 causes the greenhouse. However, a number of industrialized countries like the United States (US) and Australia until now has not signed this protocol. They think this deal will threaten the future of their industry,. In fact, the US was recorded as one of the biggest contributors of carbon emissions in the world.

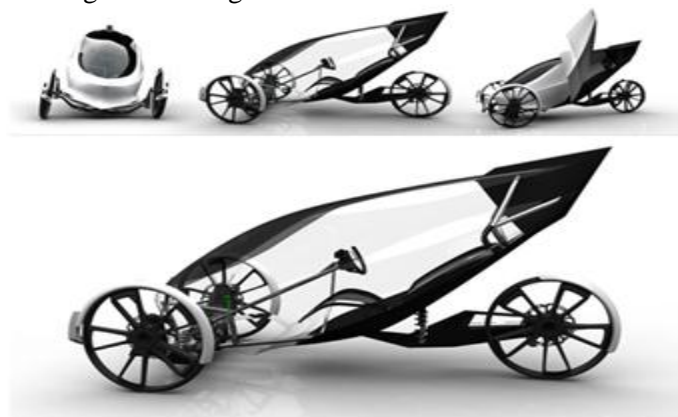
2. Use Alternative Transport To Reduce Carbon Emissions

Research by the University of Chicago showed that switching from conventional cars to hybrid cars can save 1 ton of emissions per year. Using the bike as much as we can as a method of transportation. In addition to saving a lot of energy, cycling is also a healthy sport. "I'm trying to use a bicycle to go to work as often as I can to save energy" - Margot Wallström, Vice-President of the Commission of the European Union.



3. Planting More Trees

Green plants absorb CO2 from the atmosphere and store it in their tissues. Environment with many plants will bind CO2 well, researchers from Louisiana Tech University found that every acre of green trees can capture enough carbon to offset emissions resulting from driving for a year. A study conducted by the forestry service in the United States also showed that planting 95,000 trees dlakukan in two small towns in Chicago provides cleaner air and save costs associated with heating and cooling the air for more than US \$ 38 million in 30 years front.



3. Eat Less Meat

In a report entitled Livestock's Long Shadow: Environmental Issues and Options (released November 2006), the United Nations noted that 18% of global warming is happening at this time donated by the livestock industry, which has a greater effect than the effects of global warming

by all means of transport in the world when combined. Earth Institute affirms that a plant-based diet requires only 25% of the energy required by a meat-based diet. Research conducted Professor Gidon Eshel and Pamela Martin of the University of Chicago also gives the same conclusion, changing diet and vegetarian diet is 50% more effective at preventing global warming rather than replacing an SUV with a hybrid car. A vegetarian with a standard American diet would save 1.5 tonnes of greenhouse gas emissions annually.

In the Developing Country Just as has been done in some developed countries, in general, developing countries also do the same to reduce the global warming. A few years ago at a conference held in Bali as a continuation of the Kyoto conference.

UN Climate Change Conference 2007

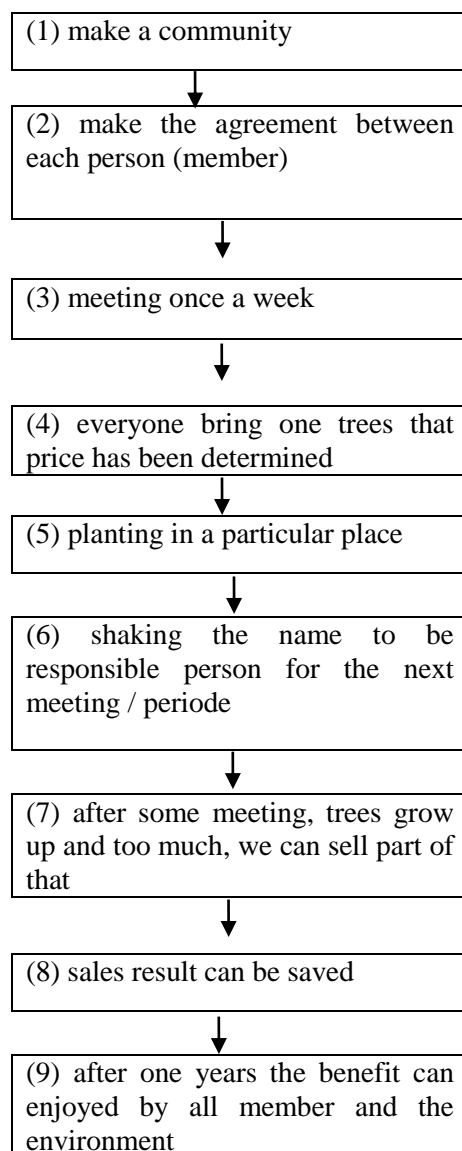
The conference was held at the Bali International Convention Center (BICC), Hotel The Westin Resort, Nusa Dua, Bali, Indonesia from December 3 to December 14, 2007 to discuss the impact of global warming. This meeting is a follow-up meeting to discuss the preparation of the countries in the world to reduce the effects of greenhouse gases after the Kyoto Protocol expires in 2012.

2. Methode

Research on **Society Community (ARISAN) Based On Green Life Style Towards A Sustainable Society To Prevent Global Warming and Increase Social Solidarity at Jojoran Surabaya** is use qualitative research methods which the method of this study is are search method that produces descriptive data about the words spoken or written, and behavior that can be observed from those studied (Taylor and Bogdan, 1984).

The reason of use qualitative research methods in studying this problem are because the author wants to understand in detail and deepwith with the dynamics of social life as well as the ARISAN can streng then the relationship between people in the community and this community called ARISAN based on green life style beside to prevent global warming and to describe and interpret the social dynamics of the whole in accordance with reality (what actually) without simplifying them into a many variable.

Society Community (ARISAN) Based On Green Life Style Towards A Sustainable Society To Prevent Global Warming and Increase Social Solidarity at Jojoran Surabaya can shown in the following chart :



2.1. Targeted Research and Contribution to Science

The target of this research is all of society, includecitizens, part of academic and especially government. The Government and all of society should support the idea that the purpose of this idea to

form a community called Arisan can strengthen the relationship and also the principles of this community is based green life style with the aim to prevent global warming. Without the support of the government and all citizens of the objectives from this idea is not reach and implemented in daily life.

3. Conclusion

ARISAN is a social community that can strengthen the relationship between people for increase the interaction and solidarity each other. In this case social communities combined with problem of global warming. So that the author make theme Society Community (ARISAN) Based On Green Life Style

Reference

- Darsono, Valentino. Pengantar Ilmu Lingkungan. Edisi revisi. Yogyakarta: Jhamtani, H. 1993. Pemanasan Global. Yayasan Obor Indonesia, Kophalindo, Panos. Jakarta.
- Irawan, Zoer'aini Djaman. Prinsip-Prinsip Ekologi dan Organisasi, Ekosistem Komunitas & Lingkungan. Jakarta: Bumi Aksara, 1992.
- Eggi Sudjana Riyanto, 1999. Penegakan Hukum Lingkungan dan Perspektig Etika Bisnis di Indonesia. PT. Gramedia Pustaka Utama, Jakarta.
- Basrowi dan Suwandi. 2008. Memahami Penelitian Kualitatif. Jakarta: Rineka Cipta.
- Information on www.globalwarming.enviroweb.org/
- Information on <http://en.wikipedia.org/wiki/Social>