

## COP Paris is an incomplete agreement [1], we need a complete agreement, that will probably is COP Hanoi

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### Introduction

We need a complete agreement to implement the fight against global climate change as quickly and efficiently as possible, and Nguyen Dan, a Vietnamese citizen, announced the successful research, it's the project "overcoming the greenhouse effect to combat global climate change, protecting the living environment" [2-6]. This new method can be seen the Vietnamese method [4, 5]. Thus an international meeting in Hanoi to discuss the work that COP Paris has not completed is probably understandable. On the other hand, the Vietnamese people are very friendly and hospitable, the political and social environment in Vietnam is very secure, Hanoi has organized many successful international meetings. From here in this article I will call COP Hanoi temporarily to mention this necessary meeting in the near future to come to a complete agreement.

### Possible content of the Hanoi agreement

The general conclusion of the project of Nguyen Dan mentioned: General Conclusion Summing up, we can recognize that, we absolutely can treat industrial emissions do with any scale, especially industrial waste gases emitted from thermal power plants using fossil fuels, so, greenhouse effect as will be resolved, by new no-waste technologies, make sure that the living environment for humans will be protected, on the other hand, if we come to a decision, it is imperative to thoroughly treat dust and toxic chemicals of all industrial waste gas stream, to ensure habit at for humans, so we can co-solve the two problems are equally important:

1. Tragedy due to industrial emissions.
2. Tragedy due to global climate change.

It is no longer a threat to humans, if we know act implementing them immediately, without delay. Therefore, the main content of COP Hanoi must be: Together discuss the necessary solutions to simultaneously overcome 2 tragedies for humans mentioned in the conclusion of the project [2-8].

### Request of a complete agreement

A complete agreement must be an agreement that addresses all the major, relevant issues, in order to overcome the tragedies caused by industrial emissions and global climate change in a way for people as effective as possible. We cannot proceed to capture CO<sub>2</sub> from industrial emissions, in huge quantities, without discussing the utilization of CO<sub>2</sub>, or temporary storage of CO<sub>2</sub> because it is

not possible to make full use of the CO<sub>2</sub> obtained from industrial emissions treatment plants. The agreement will discuss how rich countries can help poor countries handle industrial emissions and combat global climate change. The fight against global climate change can only be won, if all countries, poor or rich, must work together against global climate change, under the unified direction of the United Nations.

### Agreement on the use of fossil fuels to produce electricity

The first thing that Hanoi COP needs to do is to agree on an international conference to approve the treatment plan for exhaust fumes from thermal power plants using fossil fuels. Here, author Nguyen Dan will present the entire project, scientists from different countries, discuss ideas and agree on the final plan to implement the project. It is also possible that this academic activity needs to be implemented before COP Hanoi.

COP Hanoi needs to discuss the scale of Implementing research and development (RD), this scale must be demonstrated for new types of equipment and new technologies. Next, COP Hanoi must decide the place and personnel needed for the Agreement on the utilization of CO<sub>2</sub> to produce necessary products.

Agreement on the utilization of CO<sub>2</sub> to produce necessary products Obviously, two parallel areas of work exist and develop. It is a scientific, technological and industrial activity for the treatment of industrial emissions emitted from thermal power plants using fossil fuels and other work segments, in parallel, it is a science, technology and industrial activity for leveraging CO<sub>2</sub> to create various useful products. These two areas of work are led by two different science and technology councils. What COP Hanoi has agreed to for the exhaust gas treatment, the COP Hanoi must also agree for the work areutilize CO<sub>2</sub>.

### Agreement on the preservation of excess CO<sub>2</sub>

Currently, combating global climate change is a very urgent task, if we meet the requirements of this fight, a huge amount of CO<sub>2</sub> will be obtained from thermal power plants using fossil fuels. , and we may not be able to fully utilize all the CO<sub>2</sub> collected to produce various useful products for society. As such, COP Hanoi must have a agreement temporarily store excess CO<sub>2</sub>. In our project, we propose the following option: Separate CO<sub>2</sub> from thermal power plants in the form of dry ice, and store it on the ocean floor. The whole process

is shown in the following stages.

### Stage 1: Preparation of dry ice CO<sub>2</sub> storage warehouse in the ocean floor

Currently it is thought that CO<sub>2</sub> needs to be buried in the ocean floor with a sea level more depth about 2000 meters; this is where each containing oil or natural gas. Liquid CO<sub>2</sub> under a pressure of about 2000 psi, and is pumped into the bottom of each well containing oil.

We believe that not necessarily following to this solution. We choose a particular location on the surface of the ocean, with depths of about 2,000 meters above sea level, a construction suitable storage containers for dry ice CO<sub>2</sub>, how, ocean currents and moving sea, does not affect the long-term survival of this repository, and if necessary we can move this container, even if we can recover the CO<sub>2</sub>, if necessary.

### Stage 2: Prepare packaging for dry ice CO<sub>2</sub>

Dry ice is normally stored in wooden boxes in normal climatic conditions. Since dry ice is often a small amount of CO<sub>2</sub> released. Thus, the packaging containing dry ice must be the right thickness for preservation and transportation, not sea water intrusion damage, and on each barrel must have a one way valve for CO<sub>2</sub> from dry ice container out, the water does not seep into the dry ice container. In short, this is an important product, it must meet all of the requirements necessary for long-term storage of CO<sub>2</sub> under the ocean floor.

### Stage 3: Production of dry ice

Initially we proceed collect CO<sub>2</sub> from industrial emissions processes in the form of cleaning food liquid CO<sub>2</sub> (see Section 3.4.2.2), and the problem remainder is produced dry ice from cleaning food CO<sub>2</sub>. Too caught this production is quite common. Dry ice must have proper shape to store in the appropriate packaging.

### Stage 4: Transporting dry ice

Dry ice was added to the required packaging, and we are transported to the barge, each time can be millions of tons, and the barge will be transported to the required location at sea, to storage of CO<sub>2</sub>.

### Stage 5: storing CO<sub>2</sub> to the ocean floor

The dry ice containers are continuously transported from the barge into the open sea, they were joined together, and in a form of drop-down continuous line to warehouse, to store them on the ocean floor. The latter wires are used to connect these dry ice containers, are needed to transport CO<sub>2</sub> to another, if necessary, or to recover CO<sub>2</sub> to serve a different purpose to it. Initially CO<sub>2</sub> is in the form of dry ice, dry ice to vaporize with the time, and under pressure near 200Atm, CO<sub>2</sub> gas into liquid CO<sub>2</sub>, meaning that in the long run, the container containing dry ice becomes containing liquid CO<sub>2</sub>. Because the ocean depths over 2000 meters, the storage of CO<sub>2</sub> should be monitored and checked, so we need to have the appropriate technical means for the storage of these. The theoretical calculations initially, let us hope, for the entire cost of CO<sub>2</sub> collected, preserved it, transporting it, and the final storage of it to the bottom of the ocean can be reduced to nearly ten times compared with the cost of this notice, i.e. about 4-7 USD / ton CO<sub>2</sub>.

### Conclusion

If under the coordination of the United Nations, we all unanimously conduct the fight against global climate change by the Vietnamese

method [3, 4], successfully, it means we will overcome 2 tragedies for man. However, people now face many tragedies, for example:

1. Tragedy due to municipal waste
2. Tragedy due to the deprived life of hundreds of millions of people on the planet
3. Tragedy due to inefficient global agriculture.
4. Tragedy due to desertification.
5. Tragedy due to landslides, flash floods, high tides.
6. Tragedy caused by backward cattle raising of poultry, poultry and aquatic products.

We can learn from the success of the fight against global climate change to overcome the tragedies mentioned above. We can confirm that the global climate change project is the most difficult project that we have had to overcome. To complete it, we had to simultaneously solve 27 different science and technology issues. So for other simpler projects, we can completely overcome. According to US scientists, in about 50 years, 1/3 of the world, including Latin America, the Middle East, South Asia, East Asia, Southeast Asia, part of North America, Europe, will have to live. in high temperature environments like the desert [9]. If we do not quickly overcome the greenhouse effect, then human civilization will collapse.

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