

LET'S TAKE SAFETY OF OUR LIVES  
INTO OUR HANDS



## European Environment Society

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Personally for  
Secretary  
General of the  
UNO  
Mr BAÑ KI  
MOON  
UN, S-368,  
NEW YORK,  
NY 10017  
Proposal of  
financing by  
certain  
members of  
the UN the  
Research  
Program  
concerning  
climate  
changes:

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OF SYNTHETIC  
GASEOUS AND  
LIQUID FUELS  
Acronym -  
'CO2  
SYNTHEFU"  
(CO2 Synthetic  
Fuels)  
(2008-2020)

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ecological hazards

**Prof Dr Tibor Petrys** (physical and theoretical chemistry synthesis processes Chairman of the Coordination Centre for the International Research Program "CO2 SYNTHEFU" Contact: gsm 606 946 317 e-mail: [petrys.t@wp.pl](mailto:petrys.t@wp.pl))

**Dear Mr Secretary General**

**Re:**

**The UNO Conference on Climate Changes, which is going to take place in December 3-14 on the Bali Island, Indonesia.**

We have carried already for several years scientific investigations on climate changes and global warming in cooperation with three universities in Poland.

Our research confirms the statement of the U N and IPCC concerning intensification of climate changes and we think that they constitute serious hazard for the Earth biosphere. Phenomena related to climate changes will become the source of catastrophes for the environment. One can expect that the first catastrophic symptoms will be seen in 30 to 40 years, if we do not slow down the climate change.

**Our investigations in the field of chemistry and physics confirm that the most hazardous for the earth climate is combustion of hydrocarbon fuels, gaseous, liquid and solid related to the technological development in many sectors of heavy industry (among others Large Combustion Plants (LCPs)).**

We are aware, that during the 60<sup>th</sup> Session of the General Assembly of the United Nations You rightly stated that all world nations should join in battling climate changes and in looking for effective solutions for lowering carbon dioxide (CO2) emission into the atmosphere, from the technological operations.

**Thus, we feel entitled to assume, that the UN and You personally will actively support activities and research, which can effectively prevent intensification of climate changes.**

We would like to inform You as the Secretary General of the UN that we have an effective method of technological operations, which aim is to decrease the carbon dioxide emission to the atmosphere and by doing that to mitigate simultaneously climate changes.

We have developed the following Research Program:

EFFECTIVE MITIGATION OF CLIMATE CHANGES BY THE  
UTILISATION OF WASTE CO2 FROM LCPs IN THE PRODUCTION  
OF SYNTHETIC GASEOUS AND LIQUID FUELS  
Acronym "CO2 SYNTHEFU" (CO2 Synthetic Fuels  
(2008-2020)

**The Research Program forecasts collecting CO<sub>2</sub> from the operations of Large Combustion Plants, liquefying this gas and using it in the synthesis process to obtain gaseous and liquid fuels.**

### **Appendix 1**

We have assumed in our studies that carbon atom from the CO<sub>2</sub> particle is a valuable element and therefore should be utilized - by certain technological procedures - in the production of hydrocarbon fuels. This is a new concept of solving the mitigation of climate changes.

**Another advantage from the Program is the fact that the fuels obtained from waste CO<sub>2</sub> will be used in other technologies, lowering the consumption of fossil fuels such as natural gas, crude oil and coal. Thus, carbon dioxide will stop to be hazardous for the climate and for the human existence.**

**We would like to emphasize, that in our research we are only considering the CO<sub>2</sub> emitted from technological operations of LCPs since this enables relatively easy collection of waste carbon dioxide to be used in synthesis processes.**

**It is well known, that in this very moment there are approximately 35 000 LCPs operating in the world and their CO<sub>2</sub> emission constitutes 45% of the total emission. It means, that Large Combustion Plants are emitting approximately 4 billion tons of CO<sub>2</sub>, annually**

**Due to the presented hereby technology CO<sub>2</sub> will become an important raw material for the production of synthetic fuels.**

According to our knowledge, no one has, until recently, developed better solution for the mitigation of climate changes.

\* \* \* \* \*

We would like to mention in this place that the idea, originated in the USA, of pressing millions of tones of liquefied carbon dioxide into geological deposits and underground waters of our Globe for their storage - is the most stupid and dangerous idea.

**This sick American concept will lead to the global catastrophe much faster than any climate change.**

### **Appendix 2**

**It is obvious from our research, that liquefied CO<sub>2</sub> pressed experimentally in the USA and in Europe into depleted geological deposits and water-bearing underground layers is already migrating to the Earth surface. This migration will kill millions of people.**

### **Appendix 3**

We are warning countries belonging to UNO to stop pressing liquefied CO<sub>2</sub> into geological spaces. It is not the way of storing carbon dioxide but the way of creating new hazards for people and living organisms in our biosphere.

**Our technological initiative, as a new solution for mitigating climate changes, we would like to present during the Conference on the Bali Island, Indonesia (December 3-142007).**

We are appealing to You personally to make it possible for us to present during that Conference the paper concerning our Research Program:

EFFECTIVE MITIGATION OF CLIMATE CHANGES BY  
THE UTILISATION OF WASTE CO<sub>2</sub> FROM LCPs IN THE PRODUCTION  
OF SYNTHETIC GASEOUS AND LIQUID FUELS  
(2008-2020)

**We would appreciate it very much, if You could convince the Organizational Committee to send for us the invitation for the Conference and to cover costs of traveling and staying, since unfortunately we do not have the means for such event,**

In the lecture, 15 minutes long, we will address the representatives of the UN present at the Conference, to join in financing the research of the Program, which will provide the opportunity for each country to build its own plant producing synthetic fuels from the waste carbon dioxide.

Support personally please, our initiative of launching the research by the UNO countries. What is more, we are suggesting that the proposed hereby technological program can be treated as the UN Program in prevention of climate changes and mitigation of hazards related to those changes.

Preliminarily we would like to inform You Mr General Secretary of the UN, that we intent to invite scientific institutes from 20 UN countries, which are the largest emitters of CO<sub>2</sub>, into the Research Consortium.

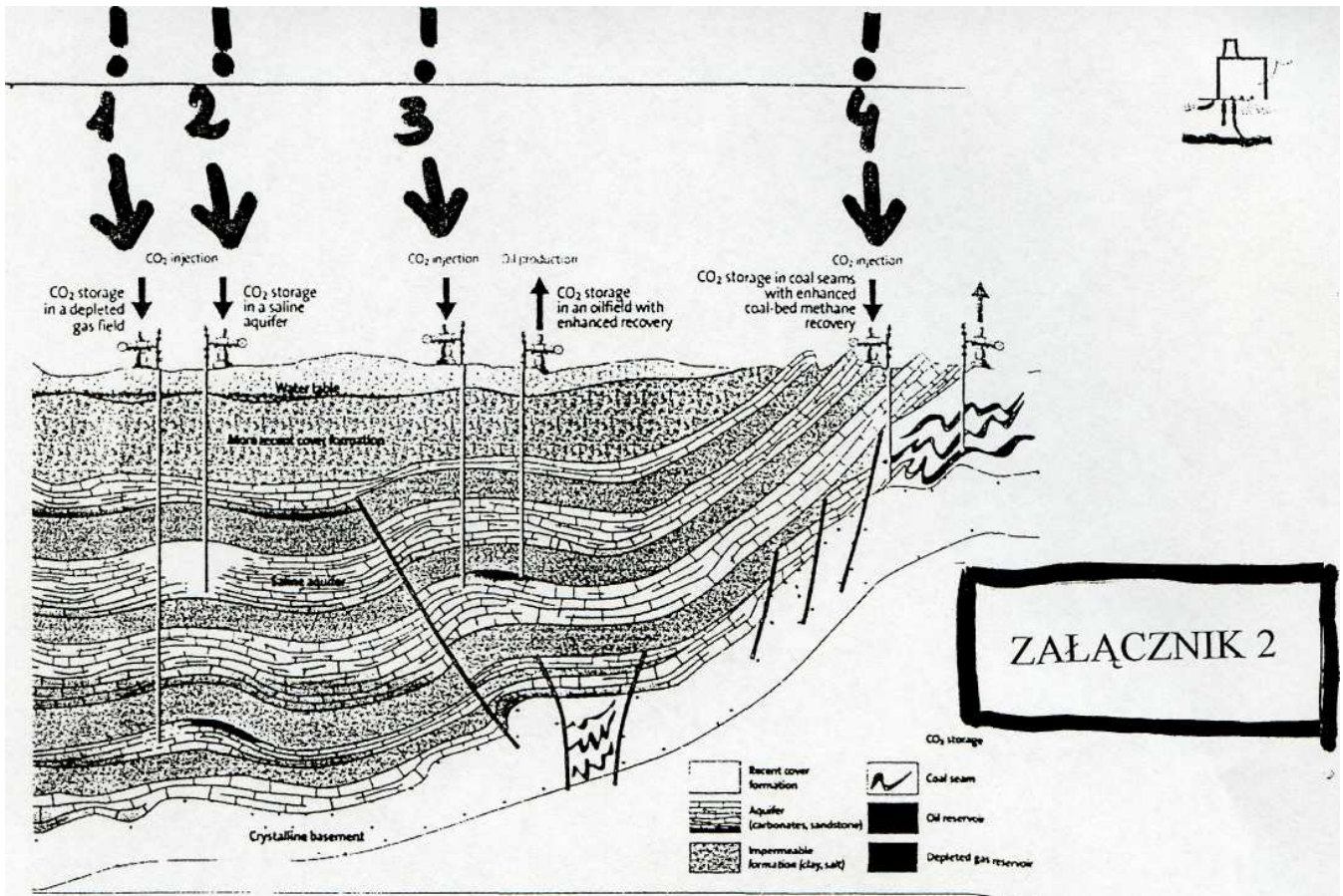
Thus, the presented here Research Program will be realized as the International Consortium.

Into the Research Consortium "CO<sub>2</sub> SYNTHETFU" we would like to invite the following countries:

Norway	Australia
Canada	Russian Federation
United Kingdom	Sweden
Bulgaria	India
France	Poland
Netherlands	Czech Republic
Italy	Republic of Korea
Saudi Arabia	Romania
Yenezuela	China
Germany and the USA, if they	Spain

accept the invitation.

We would like to realize the presented Research Program in Kraków, Poland. The unit coordinating the research will be the Coordination Centre for International Research Project "CO<sub>2</sub> SYNTHETFU" The Chairman - prof T Petrys.



Various possibilities for the geological storage of CO<sub>2</sub> (JFP, ADEME, BRGM, 2005)

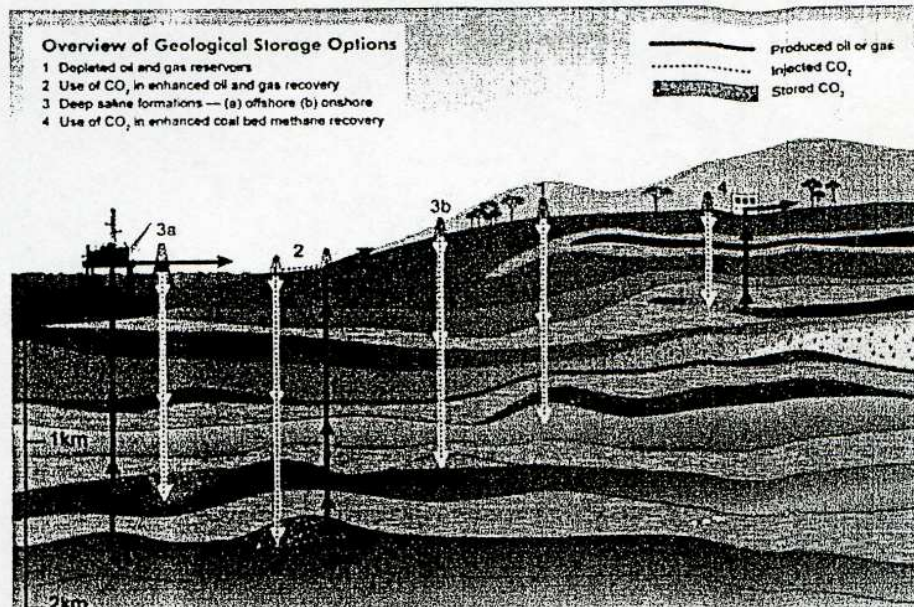


Abbildung 4: Überblick über die Möglichkeiten der geologischen Speicherung von CO<sub>2</sub>: (1) Einlagerung in erschöpfte Öl- und Gas-Felder, (2) verstärkte Aus-forderung von Öl- und Gasfeldern (EOR), (3) Salzstöcke an Land (3a) und auf See (3b), und (4) Speicherung in Kohleflozen zur Steigerung der Flozgasausbeute. (Quelle: IPCC 2005)