

(RESEARCH ARTICLE)



Law to inhibit the recycle of nitrogen and Phosphorous is inhibiting CO₂ assimilation and promoting global warming: This kind of law should be abolished

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Abstract

Global warming is caused by the lack of N and P and decrease of CO₂ assimilation and decrease of CO₂ fix and decrease of heat absorption. Lack of N and P is caused by the elimination of NO_x and NP in waste water.

Global warming will stop if developed countries stop the elimination of NO_x and NP. CO₂ assimilation will be activated and Global warming will stop.

But developed countries hated NO_x and are eliminating NO_x by the reaction with ammonia and set up a rule that if NO_x is detected in exit gas, we will order the stop of factory

The author presented petition to stop the rules which ask the elimination of NO_x NP. The author is asking top persons of the countries to present a note that you need not add ammonia. And if NO_x is detected in exit gas we do not ask the stop of your factory. Global warming will stop if developed countries stop the elimination of NO_x and NP. CO₂ assimilation is activated and Global warming will stop.

Keywords: NO_x; CO₂ assimilation; NO_x elimination by ammonia; Carbon neutral; Separate key words; Stop of global warming; GWPR

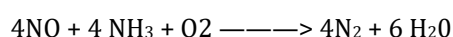
1 Introduction

Global warming is in progress. CO₂ concentration is increasing 20 ppm every year. Author found that environmental measures at developed countries are major reasons. Developed countries are eliminating NO_x and nitrogen and phosphorous and CO₂ assimilation is blocked and CO₂ fix is reduced. CO₂ is increasing.

Then author presenting plan to protect global warming by complete recycle of nitrogen and phosphorous by stopping the insertion of ammonia to the exit gas at 59 papers(ref 1-59).

Many request come every day to contribute similar papers. Perhaps authors method is best method to protect global warming. But no company use authors method. The author asked to many company how much ammonia are you using. Then replies are our company are using ammonia but we cannot tell the amount.

Developed countries are hating NO_x and eliminating NO_x by the reaction with ammonia.



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They set up a law that if NO_x is detected , will stop factory

The author realized that this reaction is the reason of global warming. This reaction is the reaction of one nitrogen compound with other nitrogen compound to give N₂ . For the preparation of ammonia, much CH₄ is necessary.

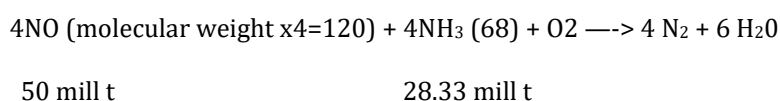
Then I presented petition(ref 60) to stop laws to stop NO_x and N,P elimination and advised to the leader of countries to present notice that you need not put ammonia and if NO_x is detected we will not stop factory operation sooner.

At this moment Japan is using 28.33 mill tone ammonia and global warming is progressing. Global warming must stop sooner. Therefore author presented petition asking to the leader the countries to present notice that addition of ammonia is unnecessary

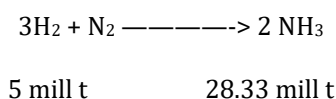
2 Method to stop global warming

In Japan 125 million tone CO₂ and 1250x1/25= 50 million tone NO_x (90 % is NO) is produced. Recycle of nitrogen and phosphorous is necessary. If we stop the addition of ammonia and stop the supply of electricity to clean center. Then following damage will be recovered.

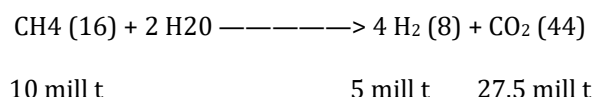
To eliminate NO_x, 28.33 million tone NH₃ is used.



To make 28.33 mill tone ammonia, 5 mill t hydrogen is used.



To make 5 mill t H₂O, 10 mill t CH₄ is used and 27.5 mill t CO₂ is produced



Japan is eliminating 50 mill t NO_x by spending 10 mill t LNG emitting 27.5 mill t CO₂ .

If Japan do not eliminate NO_x, Japan can fix 50 mill x 25 = 1250t CO₂ .

CO₂ grow plankton 2/3 of his weight (30 1/6 of molecular weight C₆H₁₂O₆ /44 CO₂ molecular weight). Fish grow by eating 10 times of plankton. 10 bill t CO₂ fix mean 10x 3/4x1/10 = 7.5 bill kg fish production. Fish price is 2 \$ per kg. 2x 75 bill = 150 billion & . =1633 mill \$. But by the elimination of NO_x, 150 billion \$ fish was not produced. Japan was producing 12 mill t fish and 4 mill t rice before 1980 at that time no elimination. By the elimination of NP only 4 million fishes were produced. Fisherman 388990 in 1963 decreased to 151700 in 2018. Country region is suffering from depression and depopulation. GDP does not increase since NP elimination has started. The elimination of NP influence not only warm up earth but also give significant bud influence on economy. The law to eliminate NO_x by blow in ammonia to the exit gas and to eliminate NP in waste water should be eliminated sooner. If the law is eliminated and sufficient nitrogen is supplied, fish prediction will increase and GDP will increase. CO₂ produced at developed countries is around 10 billion tone. And around 10x 1/25 = 4 hundred million tone NO_x is produced. To eliminate this NO (90% of NO_x is NO), 226 million tone ammonia NH₃ is used.

Therefore I am proposing the plan to stop global warming by stopping the addition of ammonia to the exit gas (ref 50,51,52,58). But no company stop the addition of ammonia.

Because developed countries government set up unreasonable law. NO_x should be zero at exit gas. If NO_x is detected at exit gas, operation of factory is not possible. Therefore law is stopping ammonia insertion and 50 million tone NO_x is

destroyed and plant cannot grow and production of fish and grain is reduced and GDP do not increase. The author wish to insist the stop of poor law and arrow stopping of ammonia addition and promote global warming.

3 Petition presentation could stop global warming now

The author offered petition (petition no 2023. Wa 7766def endant prime minister, Kishida Fumio) to extinguish the law to protect to eliminate nitrogen and phosphorous , 1. Protection law to protect water quality. 2. Protection air pollution 3. Burning of wast materials (ref 60)

Purpose of petition presentation is to tell to the official that complete use of nitrogen and phosphor as fertilizer is essential to protect global warming. Let government official read my papers (ref 7,21,29,57,47,51,52,55) seriously and ask defendant Kishida Fumio ,prime mister of Japan to write the notice that you need not put in ammonia to the exit gas. We do not stop factory ,if NOx is detected in exit gas , we do not ask the stop of factory.. This notice should be issued sooner.. When this note is issued , addition of ammonia will not be done. NOx elimination will be not done. We can stop global warming now.

NOx is eliminated by law. When this law is eliminated, NOx elimination will not be done. Decision of petition will take long time. Therefore I wish defendant to offer notices that addition of ammonia is unnecessary. If NOx is detected at exit gas we will not ask stop factory.

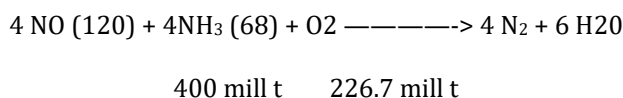
Author also advice the top persons of developed countries offer notice that addition of ammonia is unnecessary. If NOx is detected at exit gas we will not ask stop factory.

This notice will help the protection of global warming now.

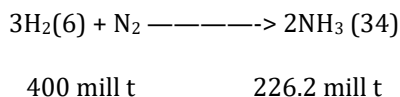
Second purpose of petition presentation is the possibility of stopping waste water purification center. There is 2200 water purification center in Japan. And 4.49000 tone nitrogen and 175000 tone phosphorous are eliminated . 11780million kWh electricity is used. If we close these water purification center, we can save the consumption of 11780 million kWh electricity. 449000ton nitrogen and 175000t phosphorous. By presenting of petition, closing of water purification center will be possible.(ref 42).

In the world , many water clean center will exist. The author wish to close these water purification center and complete use of N,P.

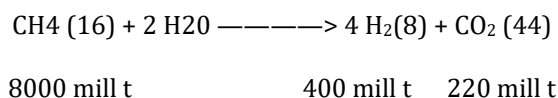
CO₂ produced at developed countries is around 10 billion tone. And around 10x 1/25 = 4 hundred million tone NOx is produced. To eliminate this NO (90% of NOx is NO), 226 million tone ammonia NH₃ is used.



To make 226.2 millt NH₃ , 400 mill t H₂ is used.



To make 400 mill tone H₂O, 80000 mill t CH₄ is used. And 220 mill t CO₂ is produced.



Developed countries are emitting about 10 billion tone CO₂ and emitting 400 million tone. NOx. 400 million tone NOx is destroyed by 226.2 mill tone ammonia. 226.2 million tone is produced from 400 million tone hydrogen.400 million tone hydrogen is produced from 8000 million tone CH₄ producing 220 million tone CO₂ ..

If notice is presented at developed countries. developed country can stop addition of ammonia to the exit gas, Consumption of 8000 million tone CH₄ can be saved. And emission of 220 million tone CO₂ can be saved. And 400 mill t x 25 = 10 billion t CO₂ can be fixed. Accordingly 220 mill t + 10 bill t = 10.22 billion tone CO₂ can be fixed. CO₂ em (CO₂ emission) of developed countries is 10 billion tone. GWPR (CO₂ em)/ (CO₂ fix) = 1. Therefore, CO₂ increase is zero minus 0.22 billion tone. 10.22 billion Tone CO₂ produce plant like wheat. CO₂ produce wheat plant 2/3 (30(1/6 of molecular weight of C₆H₂₀O₆) /44 Molecular weight of CO₂)) weight of his weight. Wheat contain 2/3 straw of his weight Wheat grain will be about 1/3 weight of plant. 10.22 billion Tone CO₂ can afford

10.22 billion x 30/44 x1/3 = 2.32 billion tone grain. 1kg wheat is 1.5 \$ 2.32 billion kg wheat is 3.48 billion \$. Therefore, if developed country do not eliminate NP. 2.32 billion Tone wheat. 3.48 billion\$ is produced. GDP will increase. Economy of developed country will become much better. And global warming will not happen. This is a reason why I ask the elimination of law to inhibit law to force the addition of ammonia.

Yahoo News reported. ICAO accession 193 countries agreed that aviation industry do CO₂ increase zero by 2050. Aviation industry is emitting 110 h million tone CO₂ 2.75 % of total CO₂ of the world. Aviation industry need 15 h million dollar investment is necessary for decarbonization. The author is proposing plan to make CO₂ increase zero by 2050 without investment. The plan is to stop blow ammonia in to the exit gas. Then 10.2 billion tone CO₂ emission will stop and CO₂ increase become zero.

3.1 Change of water pollution correction method

Japan government set up a law and inhibited the direct release of waste water containing nitrogen and phosphorous. Government set up 2200 clean center of waste water Nitrogen and phosphorous are made to activated sludge . As the result concentration of nitrogen and phosphorous decreased and plankton and plant do not grow . Production of fish decreased remarkably. The author advice to close waste water center.

3.2 Change of waste material burning method

Japan government changed incinerator to high temperature incinerator and at the exit gas and forced to add ammonia to eliminate NO_x. Addition of ammonia should be omitted.

If developed country stop addition of ammonia to the exit gas, Consumption of 8000 million tone CH₄ can be saved. And emission of 220 million tone CO₂ can be saved. And 400 mill t x 25 = 10 billion t CO₂ can be fixed. Accordingly 220 mill t + 10 bill t = 10.22 billion tone CO₂ can be fixed. CO₂ em (CO₂ emission) of developed countries is 10 billion tone.GWPR (CO₂ em)/ (CO₂ fix) = 1. Therefore, CO₂ increase is zero minus 0.22 billion tone. 10.22 billion Tone CO₂ produce plant like wheat. CO₂ produce wheat plant 2/3 (30(1/6 of molecular weight of C₆ H₁₂O₆) /44 Molecular weight of CO₂)) weight of his weight. Wheat contain 2/3 straw of his weight Wheat grain will be about 1/3 weight of plant. 10.22 billion Tone CO₂ can afford 10.22 billion x 30/44 x1/3 = 2.32 billion tone grain. 1kg wheat is 1.5 \$ 2.32 billion kg wheat is 3.48billion \$. Therefore, if developed country do not eliminate NP. 2.32 billion Tone wheat. 3.48 billion\$ is produced. GDP will increase. Economy of developed country will become much better. And global warming will not happen.

It is difficult to reduce CO₂ but it is easy to reduce GWPR by increase of CO₂ fix. To increase CO₂ fix, by increase of NP. To increase NP, just stop the elimination of NP. To increase N and P, stop the elimination of NP. Developing countries like China、 India and Indonesia are using NO_x and NP as fertilizer. CO₂ assimilation is promoted rapidly and production of agriculture and fish industry increased rapidly and GDP increase rate are high. On the contrary at developed country, CO₂ assimilation is inhibited and production of agriculture and fish industry is inhibited. Economic and social influence are immeasurable grate. We can compare developed country who doing NO_x, NP elimination and developing countries who use NO_x, NP as fertilizer. (ref 56,57)

CO₂ em (CO₂ emission), NO_x (NO_x production), NO_xc (NO_x concentration at exit gas), Dump (Wastewater dumping), Fixable CO₂ , GWPR (global warming protection ratio),GDP (GDP ratio 2021/1991) of 13 countries are shown in Table

Table 1 CO₂emi, NO_x, NO_xcon, Duump,FixableCO₂,GWPR,GDP of 13 countries

Country	CO ₂ emit	NO _x	NO _x con	Wdunp	FixablCO ₂	GWPR	GDP
	Hmilt	Hmilt	g/kWh		Hills		2021/1991
World	510	16.5					
China	196.4	4.25	1.6	Do	100	1.0	51.1
India	24.6	1	1.6	Do	32	0.76	11.1
Indonesia	5.0	0.2	1.6	Do	19	0.3	
USA	51	2	0.5	No	95	0.53	3.7
Japan	12	0	0	No	3.8	3.3	1.1
Russia	19.6	0.63			32	0.61	
Germany	7.6	1.0	1.0	No	2.2	2.2	4.3
UK	4.0	0.16	1.3	No	2.4	1.2	3.3
Italy	3.5	0.14	0.5	No	3.0	1.2	
France	0.12			No	6.4	0.4	
Canal	5.6	0.22	1.3	No	199	0.06	
Iran	6.3	0.025			1.6	3.0	
Turky	4.0	0.16			7.6	0.5	

Developed countries can get 174.4 billion \$, by stopping NP elimination and can get high GDP and GDP ratio 2021/ 1991 will increase as China.

Not only elimination of NO_x and NP are promoting global warming, but also retarding development of countries and industry. Japan government consider that ammonia as a substance that do not produce CO₂ and using ammonia to eliminate NO_x. CO₂ produced in Japan is 1.25 billion tone. NO_x produced in Japan is 1/25 of 1.25 billion tone, 50 million tone. Japan is eliminating 20 times of synthetic fertilizer 2.5 million tone. Japan official are trying to make zero generations of CO₂. And trying to reduce CO₂ by many method.

Studies at Japan is decarbonization, decrease of CO₂, carbon neutral, carbon recycle (consider CO₂ as resources and separation of, recovery of CO₂, and reuse for various carbon compounds) But industrialization is impossible. Because CO₂ concentration 0.06% is too low

Author requested the abolition of law which stop the recycle of resources. Wanting the abolition of NO_x elimination by ammonia.

Decision of petition will take year long time. If defendant present a note that no ammonia addition is possible soon. Then NO_x is not destroyed and CO₂ assimilation will progress and much fish and grain will be produced and GDP will increase

The author wish to ask the head of each country present notice : 1.each company need not insert ammonia into exit gas, if NO_x is detected in exit gas I do not ask the stop of factory 2. You can release waste water containing nitrogen and phosphorous as it is.

Then complete recycle of nitrogen and phosphorous become possible.Sufficient supply of nitrogen and phosphorous is done and food production will increase GDP will increase. National economy and wealth will increas

4 Conclusion

Complete recycle of nitrogen and phosphorus is necessary to stop global warming. Stopping of ammonia addition to the exit gas and stopping of NP elimination in waste water can activate CO₂ assimilation and can produce much grain and fish and can get high GDP and growth.

Compliance with ethical standards

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