

OFFICIAL FEEDBACK FORM

DIALOGUE DATE	Thursday, 11 March 2021 12:15 GMT +08:00
DIALOGUE TITLE	The Green Revolution that we had since 1960s was never green, in fact catastrophic to our oceans & water system?
CONVENED BY	Ron Tan,CEO, PRC Global Pte Ltd,
DIALOGUE EVENT PAGE	https://summitdialogues.org/dialogue/6832/
DIALOGUE TYPE	Independent
GEOGRAPHICAL FOCUS	No borders

The outcomes from a Food Systems Summit Dialogue will be of use in developing the pathway to sustainable food systems within the locality in which they take place. They will be a valuable contribution to the national pathways and also of interest to the different workstreams preparing for the Summit: the Action Tracks, Scientific Groups and Champions as well as for other Dialogues.

1. PARTICIPATION

TOTAL NUMBER OF PARTICIPANTS

PARTICIPATION BY AGE RANGE

0 0-18 7 19-30 31-50 10 51-65 66-80 80+

PARTICIPATION BY GENDER

Male Female 0 Prefer not to say or Other

NUMBER OF PARTICIPANTS IN EACH SECTOR

7	Agriculture/crops Fish and aquaculture Livestock Agro-forestry	Education Communication Food processing Food retail, markets Food industry Financial Services	Health care Nutrition 4 National or local government Utilities Industrial Other
6	Environment and ecology Trade and commerce		

NUMBER OF PARTICIPANTS FROM EACH STAKEHOLDER GROUP

Small/medium enterprise/artisan Large national business Multi-national corporation Small-scale farmer Medium-scale farmer Large-scale farmer Local Non-Governmental Organization International Non-Governmental Organization Indigenous People Science and academia	Workers and trade union Member of Parliament Local authority Government and national institution Regional economic community United Nations International financial institution Private Foundation / Partnership / Alliance Consumer group 17 Other
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2. PRINCIPLES OF ENGAGEMENT

HOW DID YOU ORGANIZE THE DIALOGUE SO THAT THE PRINCIPLES WERE INCORPORATED, REINFORCED AND ENHANCED?

I prepared a draft for my dialogue, and my presentation are all self explanatory on why and how we need to do away or ban all toxic chemical NPK fertilisers for our global crops' agriculture practices. As nature based solutions are easily available, and economical too. I have to emphasise that current production and application of toxic NPK fertilisers are not sustainable nor coherent with UNFCCC, Paris 2015 Agreement to curb emissions. There are already too many dead zones, and toxic red tides all over our major rivers, lakes, oceans and water sources. We need to reform the current toxic agri practices for our SDG goals, and also to make the UN Decade of Restoration successful.

HOW DID YOUR DIALOGUE REFLECT SPECIFIC ASPECTS OF THE PRINCIPLES?

DO YOU HAVE ADVICE FOR OTHER DIALOGUE CONVENORS ABOUT APPRECIATING THE PRINCIPLES OF ENGAGEMENT?

3. METHOD

The outcomes of a Dialogue are influenced by the method that is used.

DID YOU USE THE SAME METHOD AS RECOMMENDED BY THE CONVENORS REFERENCE MANUAL?

Yes

No

So far I am not able to put my message across to all participants, that toxic NPK fertilisers should be banned. Science and history have proven that NPK fertiliser is irrelevant, and on the contrary never green and eco-friendly in the first place. The major compositions source of ammonia nitrates, phosphates and potassium are just as pollutive and contaminating in their respective extractive industries. Air, soil, land, water & life supporting biodiversity and ecology are all destroyed. Cynobacteria and cynotoxins are laden in all our oceans and water system destroying all our fishery industry, and health of our ecology too. Unless we halt the current toxic chemical NPK fertiliser industry, with statutory Ecocide legislation like the French legislation or like Sri Lanka legislation to ban all chemical use/importations, food security will not be there. With NPK fertilisers application harvests are never safe nor nutritious and without food security too.

4. DIALOGUE FOCUS & OUTCOMES

MAJOR FOCUS

- 1) All major rivers, water system & oceans are in deep eco suicide laden with plastic waste and leaching from toxic NPK fertilisers. (Resulting in redtides &toxic algae blooms & dead zones).Refer Nasa satellite images.
- 2) Unless we stop polluting the water system & oceans it is not possible to have the 30% Marine Protection Area by 2030, and not possible to achieve the UN SDG . There will be no food security from the fisheries or aquaculture industry too.
- 3) The current practice of using toxic NPK fertilisers for soil to enhance harvest is incorrect.(NPK is Irrelevant too)
- 4) The NPK fertilisers comes with high carbon intensity, and also from the heavy pollution of extractive industry for phosphate and potash. (composition of NPK fertilisers).
- 5) Ammonia nitrate from NPK fertilisers is an existential threats to humanity. (Food security challenge, Ammonia nitrate is for bomb making purposes & very toxic to soil & degradation to air, water, soil , land, & human health too)
- 6) The science have proven that nature based solution is the best alternative to all toxic NPK fertilisers.
- 7) The essence of crops' harvest is from the microbial community within soil, and nature photosynthesis process.
- 8) There is an urgent need to legislate ecocide law, (like the French Ecocide Law) to halt degradation to our soil, water system and biodiversity.
- 9) We need to live in harmony with nature, and to stop all pollution by chemical NPK fertilisers into our water system & oceans.
- 10) Nature based solutions, with the application of manure from animal husbandry and natural carbon sequestrations should be the new norm for all crops' agriculture. (" MONIGREEN" from Singapore PRC Global Pte.Ltd. CEO Ron Tan)

ACTION TRACKS

- Action Track 1: Ensure access to safe and nutritious food for all
- Action Track 2: Shift to sustainable consumption patterns
- Action Track 3: Boost nature-positive production
- Action Track 4: Advance equitable livelihoods
- Action Track 5: Build resilience to vulnerabilities, shocks and stress

KEYWORDS

- Finance
- Innovation
- Human rights
- Women & Youth Empowerment
- Policy
- Data & Evidence
- Governance
- Trade-offs
- Environment and Climate

MAIN FINDINGS

Most farmers or policy makers are not aware that the current practices of using and producing chemical NPK fertilisers are so destructive to our biodiversity, ecology and natural life supporting system. As there are symbiotic relationships among, air, water and land (soil). Toxic NPK fertilisers have been proven to degrade soil, water and oceans. Unless we stop leaching NPK fertilisers into water system and halt all contamination and pollution of ocean, how are we to have a "Decade of Restoration" to succeed. The externalities of extraction industries, of phosphate and potash are very pollutive to our air, water and (soil)land. Ammonia nitrates synthesis from natural gas is carbon and energy intensive, and very contaminating too. Workers working in the blending of chemical fertilisers NPK, if not in proper safety gears are known to have cancers from the pollution of npk fertilisers industry. It is an existential threat and security threats to humanity, if NPK fertiliser industry is not terminated by respective legislations. World Bank and all other financial institutions should revoke the existing financial packages for construction of NPK fertiliser plants, and bring it to an immediate halt. There are no food security in place, if NPK fertiliser industry is not halted. To produce nutritious and safe harvest for food consumptions, NPK fertilisers should never be used in the first place.

ACTION TRACKS

<input type="checkbox"/>	Action Track 1: Ensure access to safe and nutritious food for all
<input checked="" type="checkbox"/>	Action Track 2: Shift to sustainable consumption patterns
<input checked="" type="checkbox"/>	Action Track 3: Boost nature-positive production
<input type="checkbox"/>	Action Track 4: Advance equitable livelihoods
<input type="checkbox"/>	Action Track 5: Build resilience to vulnerabilities, shocks and stress

KEYWORDS

<input type="checkbox"/>	Finance	<input checked="" type="checkbox"/>	Policy
<input checked="" type="checkbox"/>	Innovation	<input type="checkbox"/>	Data & Evidence
<input type="checkbox"/>	Human rights	<input checked="" type="checkbox"/>	Governance
<input type="checkbox"/>	Women & Youth Empowerment	<input type="checkbox"/>	Trade-offs
<input type="checkbox"/>		<input checked="" type="checkbox"/>	Environment and Climate

OUTCOMES FOR EACH DISCUSSION TOPIC

ACTION TRACKS

- Action Track 1: Ensure access to safe and nutritious food for all
- Action Track 2: Shift to sustainable consumption patterns
- Action Track 3: Boost nature-positive production
- Action Track 4: Advance equitable livelihoods
- Action Track 5: Build resilience to vulnerabilities, shocks and stress

KEYWORDS

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|-------------------------------------|---------------------------|-------------------------------------|-------------------------|
| <input type="checkbox"/> | Finance | <input checked="" type="checkbox"/> | Policy |
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| <input type="checkbox"/> | Women & Youth Empowerment | <input type="checkbox"/> | Trade-offs |
| <input type="checkbox"/> | | <input checked="" type="checkbox"/> | Environment and Climate |

AREAS OF DIVERGENCE

The key take aways from my dialogues are for all head of governments as signatory to the Paris Cop21 agreement, and signatory to the UN Convention on Biodiversity, to follow France and Sri Lanka to make pollution by chemical fertilisers NPK leaching into any water system or ocean a very serious crime by respective legislation. To succeed for the "Decade of Restoration" and to protect our Oceans by 30% by 2030. (MPA 2030), there is an urgent need to take actions by all signatories to the Paris 2015 agreement. There is an urgent need to ban all toxic chemical fertilisers industry before we reach any tipping point.

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ATTACHMENTS AND RELEVANT LINKS

ATTACHMENTS

- **Green Agriculture nature based solution**
<https://summitdialogues.org/wp-content/uploads/2021/06/Agriculture2020.pdf>
- **If we protect nature, nature will protect us**
<https://summitdialogues.org/wp-content/uploads/2021/06/IFWEPROTECTNATURE.pdf>

RELEVANT LINKS

- **President stands firm on decision to ban importing chemical fertilizers (English)**
<https://www.youtube.com/watch?v=pNsa9N4548A>
- **Importation of chemical fertilizers will be stopped completely...**
<https://www.presidentsoffice.gov.lk/index.php/2021/04/22/importation-of-chemical-fertilizers-will-be-stopped-completely/>
- **Why we need to ban toxic NPK fertilisers?**
<https://www.change.org/o/3048559>
- **Nasa Goddard images on toxic algae bloom**
<https://www.nasa.gov/feature/goddard/2021/landsat-satellite-data-warns-of-harmful-algal-blooms>
- **France Ecocide Legislation**
<https://www.youtube.com/watch?v=oLwJDgJ-bUA&t=12s>
- **USA CDC on algae bloom**
<https://www.cdc.gov/habs/general.html#exposure-illness-prevention>
- **"MONIGREEN" substitute for NPK fertilisers**
<https://bitly.com/monigreen>
- **Mother Earth Day 2021 - António Guterres (UN Secretary-General)**
<https://www.youtube.com/watch?v=TbJV5iAQGO4>