

## Considerations regarding the creation and implementation of CoCoFe:

1. **Given the global scope of the CoCoFe, do you think the objectives are appropriate? If not, how would you add to them or modify them?**

the objectives proposed by the FAO should be modified as follows:

1. **Increasing global food production**

it is expected that the population will increase considerably in the near future, so maintaining current production levels will not be enough

2. **maximizing efficient and *efficacious* use of all plant nutrients to enhance sustainable agriculture.**

The effectiveness of increasing crop production is an essential element for achieving a global model of sustainable agriculture.

3. **prevent the improper use of fertilizers, to limit environmental impacts including pollution by loss of nutrients via runoff, leaching, greenhouse gas emissions and other mechanisms enhancing the benefits that the rational use of fertilizers in protecting the environment.**

with the correct use of fertilizers, productivity per hectare is increased, guaranteeing the availability of food without having to make additional land to be cultivated, thus preserving the forests and protected areas

4. **minimizing environmental and human health impacts reducing pollutants such as heavy metals and organic contaminants in fertilizers**

the actions aimed at reducing the non-nutritive elements in fertilizers should not only be addressed to heavy metals but also organic and pathogenic contaminants in consideration of the new usable raw materials

5. Maintaining and increasing food safety.  
No comment.

2. **How should be the CoCoFe be structured to have the maximum positive impact?**

CoCoFe should report general principles and indications regarding the rational and sustainable use of fertilizers to be used by national authorities as guidelines for their regulations or interventions in the sector.

Therefore, indications must be provided that do not identify as a univocal solution the reduction of the use of fertilizers but their efficient use aimed at increasing production by limiting waste dispersion in the environment.

The rational use of water and energy resources and also the conservation and improvement of soil fertility must be taken into account.

3. **Who would be the best audience for the CoCoFe to meet our objectives and how could we broaden and diversify this audience to increase its influence?**

CoCoFe should be disseminated mainly to farmers and their organizations, to scientific institutions, to legislative bodies, to fertilizer producers, to agricultural technicians working in the sector to NGOs.

- 4. What should the scope of the CoCoFe be? Which nutrient input sources should be included; only synthetic fertilizers, or also manure, biosolids, compost, etc.? Should other products such as biostimulants, nitrification inhibitors, urease inhibitors, etc., be included as well?**

All types of nutrient sources that have been evaluated by the scientific point and which are environmentally safe must be included.

Among these, Biostimulants, nitrification inhibitors and all the other innovative formulas must certainly be taken into consideration

- 5. Will the CoCoFe assist in promoting responsible and judicious use of fertilizers? Why or why not? What other suggestions do you have to help the CoCoFe meet our objectives?**

CoCoFe can successfully contribute to disseminate and support the rational and efficient use of fertilizers if it is directed towards the right target of potential users and stakeholders.

it is essential that it provides scientifically supported and authoritative indications and content.