

## **Submission by the International Fertilizer Association (IFA) on views related to the Sharm el-Sheikh joint Work on Implementation of Climate Action on Agriculture and Food Security**

### **Background**

**This submission is made pursuant to paragraph 17 of [FCCC/CP/2022/L.4](#) on elements of the joint work referred to in paragraphs 14–15 of the above (draft) decision for consideration by the Subsidiary Bodies at their fifty-eighth sessions (June 2023).**

IFA welcomes the adoption of the Sharm el-Sheikh joint work on the implementation of climate action on agriculture and food security. We applaud the commitment, dedication and thorough work that the Koronivia Joint Work on Agriculture (KJWA) has shown and accomplished over the past years and the conclusions that soil and nutrient management practices lie at the core of climate-resilient, sustainable food production systems and contribute to food security.

Noting Koronivia's official recognition that agricultural policies and their implementation are context-specific and have to take into account national circumstances, we would like to propose that Sharm el-Sheikh's four-year program of work focuses on providing concrete, detailed policy guidance for the science-based implementation of sustainable land management approaches and practices that have been recognized by the KJWA and are applicable to farmers and cognizant of the regional differences in soil fertility, plant health, and diets.

### **Views on the elements and new topics of future joint work on the implementation of climate action on agriculture and food security**

Underscoring the importance of the SDG framework for a successful, inclusive, multi-stakeholder solution-based outcome, IFA recommends that the Sharm el-Sheikh Work on Agriculture covers the following areas:

#### **1. Scope of Work**

- Guidance to **Article 6 – related provisions on voluntary carbon markets and non-market-based approaches** with a view to foster the recognition of integrated soil fertility management, soil carbon sequestration, and nutrient use efficiency practices as relevant on-farm investment measures to reduce greenhouse gas emissions on global level.  
The Sharm el-Sheikh Work on Agriculture has an important role in assisting with the set-up of transparent mechanisms, tools, and web-based approaches as part of Articles 6.4 and 6.8, that can contribute to the economic development of farmers and secure sustainably yield production for a growing world population.
- Alignment with relevant outcomes of the **“Kunming-Montreal Global Biodiversity Framework” (GBF)** and the **UNCCD Abidjan Call** to prioritize the issue of drought and achieve land degradation neutrality by 2030.

#### **2. Scaling of Mitigation & Adaptation Technologies and Practices**

- Strengthening international monitoring and data management systems, focusing on regional data gathering methodologies and exchange to foster evidence-based decision-making processes.
- Design of a **web portal**, as referred to in paragraph 16 of FCCC/CP/2022/L.4, that includes the national and regional nutrient budgets, nutrient use efficiency trends as well as site-specific nutrient management approaches. The portal could therefore not only provide the most relevant soil information, carbon stocks, and nutrient budgets but also become an important tool of knowledge and exchange on ways to reduce sustainably the NO<sub>2</sub> emissions from organic and mineral fertilizer applications.

*Nota bene:* IFA contributes to the national nutrient budget and nutrient use efficiency trends assessment as part of its MoU with the FAO: (<https://www.fao.org/faostat/en/#data/ESB>). N<sub>2</sub>O emissions will be added to it in the next release in November 2023.

### **3. Integrated, Systems-based Approach to Climate and Food Security**

- Special focus on trade-offs that prevent (or have a tendency to impede) the implementation of an impactful climate agenda in agriculture.
- More exploration of how sustainable intensification could look like to prevent further conversion of land and halt deforestation.

### **IFA is supportive of the proposed new topics of work by Business & Industry, namely**

- A workshop focused on quantifying and managing mitigation and adaptation actions in relation to improved soil, nutrients and livestock management, as agreed on by the Koronivia Joint Work on Agriculture.
- Promotion of solutions that utilize ecosystems and biodiversity services for climate change adaptation while also providing a range of co-benefits, including improved livelihoods and food security.
- One Health: The understanding of the impact of climate on the one health agenda.
- Ecosystem payments with robust and equitable opportunities for emissions trading in the agricultural sector.
- Partnerships: A thematic workshop to explore meaningful partnerships and collaborative efforts that advance climate action, innovation and progress.

IFA stands ready and is committed to supporting the Sharm el-Sheikh's work over the next years with its expertise and international knowledge, and data management-related partnerships.

We thank you for the opportunity to provide our views, and we remain available for any additional questions.

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