

# OFFICIAL FEEDBACK FORM

<b>DIALOGUE DATE</b>	Tuesday, 17 August 2021 10:00 GMT +03:00
<b>DIALOGUE TITLE</b>	Kingdom of Saudi Arabia National Food Systems Dialogue: Sustainable Agro-Ecosystem Transition to Build Better National Food Systems
<b>CONVENED BY</b>	Ms. Arwa Sahal Numan, Food Security Advisor to the Minister, Ministry of Environment, Water and Agriculture, Kingdom of Saudi Arabia
<b>DIALOGUE EVENT PAGE</b>	<a href="https://summitdialogues.org/dialogue/41095/">https://summitdialogues.org/dialogue/41095/</a>
<b>DIALOGUE TYPE</b>	Member State
<b>GEOGRAPHICAL FOCUS</b>	Saudi Arabia

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

53

## PARTICIPATION BY AGE RANGE

0-18

2

19-30

41

31-50

10

51-65

66-80

80+

## PARTICIPATION BY GENDER

43 Male

10 Female

Prefer not to say or Other

## NUMBER OF PARTICIPANTS IN EACH SECTOR

11 Agriculture/crops

3 Fish and aquaculture

3 Livestock

1 Agro-forestry

2 Environment and ecology

Trade and commerce

3 Education

1 Communication

3 Food processing

3 Food retail, markets

3 Food industry

1 Financial Services

Health care

3 Nutrition

10 National or local government

5 Utilities

1 Industrial

Other

## NUMBER OF PARTICIPANTS FROM EACH STAKEHOLDER GROUP

5 Small/medium enterprise/artisan

5 Large national business

3 Multi-national corporation

3 Small-scale farmer

3 Medium-scale farmer

3 Large-scale farmer

Local Non-Governmental Organization

International Non-Governmental Organization

Indigenous People

11 Science and academia

Workers and trade union

Member of Parliament

Local authority

15 Government and national institution

Regional economic community

United Nations

International financial institution

3 Private Foundation / Partnership / Alliance

2 Consumer group

Other

## 2. PRINCIPLES OF ENGAGEMENT

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

On August 17, 2021, the Ministry of Environment, Water and Agriculture hosted the second meeting of the national dialogue on determining the pathways of the Kingdom of Saudi Arabia for the sustainable transformation of the agricultural ecosystem to build better national food systems. The dialogue was organized through the participation of multi-stakeholders involving policy-makers, governmental and private institutions, and companies operating in the agricultural and food sector, academics and researchers, in addition to producers, small and large farmers, to achieve the principles of multiplicity and diversity of participating experiences, exchange and develop ideas and find common solutions among the participating parties.

### HOW DID YOUR DIALOGUE REFLECT SPECIFIC ASPECTS OF THE PRINCIPLES?

In this dialogue, key themes affecting our food systems were discussed by presenting the multiple dynamics around the development of effective nature and science-based solutions in the presence of a high-level panel of experts and many stakeholders. • Nature-based solutions to protect ecosystems and biodiversity services for developing more sustainable food systems in the Kingdom of Saudi Arabia • Science-based solutions to enhance resource use efficiency to tackle the challenges faced by our Food Systems • Future Pathways to facilitate stakeholders across the supply chain towards the adoption of new agricultural and value chain innovations to deliver sustainable and efficient food systems

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

A multi-pronged approach by engaging and working to collect data on multiple dynamics, solutions and future pathways will maximize the contribution of all participants and enable them to work together in an equal, meaningful and productive manner.

# 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**

# 4. DIALOGUE FOCUS & OUTCOMES

## MAJOR FOCUS

Developing effective solutions that have a direct impact on the food systems in the Kingdom and setting future paths towards adopting new agricultural and food innovations in the food chain to develop sustainable and efficient food systems.

### 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

- Giving priority to the introduction and application of modern agricultural systems, such as advanced protected agriculture, vertical farming, precision and controlled environment agriculture, and working to improve them in proportion to the nature of the agricultural sector in the Kingdom.
- Creating an integrated system concerned with collecting various agricultural and food information and activating its role, which would identify market needs, monitor food supplies and demand, and detect and predict commodity shortages, in order to support decision-making.
- Encouraging the exchange of experiences and international cooperation with research centers and universities in the leading countries in the field of food security

### 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

## OUTCOMES FOR EACH DISCUSSION TOPIC - 1/3

Nature-based solutions to protect ecosystems and biodiversity services for developing more sustainable food systems in the Kingdom of Saudi Arabia

- Providing the necessary support to small farmers and productive families, encouraging them to adopt rural agriculture, and adopting the integrated farming approach with the aim of integrating and sequencing agricultural operations, and exploiting agricultural residues as sources for many different purposes such as fodder and fertilization.
- Exploiting renewable natural resources through expanding the preparation and cultivation of terraces, relying on water harvesting techniques, and rain-fed agriculture.
- Encouraging and spreading the culture of expanding the application of good agricultural practices, especially those related to production systems in the Kingdom (SAUDI G.A.P) and organic farming, and developing their practices and related policies.

### 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

## OUTCOMES FOR EACH DISCUSSION TOPIC - 2/3

Science-based solutions to enhance resource use efficiency to tackle the challenges faced by our Food Systems

- Supporting and adopting the application of the results of scientific research based on innovation and translating them into practical practices in order to improve and increase productivity and reduce production costs in the Kingdom.
- Developing economic feasibility studies for the use of modern agricultural techniques and methods in the cultivation of crops with comparative advantage at the regional level and improving the effectiveness of the crop structure.
- Shifting to the use of innovative electronic platforms with the aim of strengthening the agricultural extension and marketing system across the food supply and production chain.
- Encourage and support investment in post-harvest technologies and packaging processes, through vertical, horizontal and technical expansion.

### 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



## OUTCOMES FOR EACH DISCUSSION TOPIC - 3/3

### Most important future pathways

- Applying the latest agricultural technologies in various sectors, especially those related to open crops, greenhouses, and hydroponic cultures without soil, through the use of modern technologies such as in the fields of irrigation, fertilization and control, for example, the use of slow-release fertilizers, modern irrigation, nanotechnology, biopesticides, remote sensing, biological control and cultivation of improved varieties.
- Restructuring and raising the efficiency of workers in the agricultural sector through capacity building and improving the effectiveness of agricultural extension.
- Work to raise consumer awareness through intensive awareness campaigns with the aim of improving consumption patterns and reducing food waste.
- Developing and activating the role of agricultural associations and agricultural service companies to enhance the efficiency of the agriculture and food sector.

### 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

## AREAS OF DIVERGENCE

### 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

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