

Excellencies

Distinguished colleagues

On behalf of CGIAR, **the world's largest publicly funded agricultural research system**, we are **thankful to the Egyptian Presidency** for giving **prominence to food systems** at this COP 27

Climate change is described as a **battle for human security**

The latest IPCC report confirms that the **smallholder farmers who produce a third of global food** are on the **frontlines of that battle**

And yet **only 1.7 per cent of climate finance goes to this disproportionately vulnerable group**

Continued **temperature rises, extreme rainfall events** and **climate variability** have already **reduced the rate of growth in agricultural productivity**

Higher temperatures will further reduce productivity as well as **the nutritive value of our food**

Even at **1.5 degrees** there will be an **increase in extreme events** that disproportionately affects those in **climate exposed occupations**, like agriculture

The IPCC assessment shows that the **effectiveness of adaptation is projected to decline beyond 1.5 degrees**

What is needed is no less than a **transformation of our food, land and water systems. And this must be** fuelled by **technologies and innovations** driven by **data and science** and supported by **appropriate and inclusive policies and institutions**

Only in that way can we help farmers **reduce emissions, adapt to climate change**, and **enhance food and nutrition security** while also improving incomes and livelihoods.

Food systems are **fundamental to the climate change battle**, part of the problem, but also an **important part of the solution** with immediate opportunities to **lower emissions** and **enhance resilience**.

In this context we call on Member States to **urgently and substantially increase focus and funding** to food systems, which are so critical to **human security**.