

UN STI Forum 5-6 May 2022

Roundtable 2: Emerging science, frontier technologies, and the SDGs – perspectives from UN system and science and technology communities

Oral Intervention

Gabriela Wurcel (FMC)

I am delighted to speak to you on behalf of FMC, an agricultural sciences company committed to helping farmers worldwide grow food, feed, fiber and fuel for an expanding world population, in a way fully committed to the UN SDGs. Science and technology are at the core of our company. Our innovative solutions include biologicals, crop nutrition, digital and precision agriculture. We are convinced that these are essential tools to achieve a sustainable future and the SDGs.

The discussions taking place at this event are now more relevant than ever.

World hunger is on the rise, driven largely by conflict, climate change and the COVID-19 pandemic. Healthy food systems depend on sustainable agriculture, from farming practices that reduce emissions and conserve natural resources to products that improve soil quality and prevent food loss and waste. We are making significant investments in R&D and digital and precision technologies that enhance agricultural productivity and contribute to a more resilient and sustainable food system.

A new generation of farmers, equipped with smartphones, field monitoring systems and GPS-guided equipment, is shaping the future of agriculture globally. Digital and precision agriculture technologies help farmers better protect their crops while using less energy, water and traditional inputs. For example, we have developed precision application technology that uses 90 percent less water than alternative systems and can reduce carbon emissions from product application by up to 80 percent.

All actors, government, civil society and private sector are fundamental, can and should, contribute to the SDGs goals, and we should all work together as partners to achieve a more sustainable future.

Thank you very much for your attention.