

**Session Title: Sustainable Food System for 2050**

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**Abstract title: ICEF Climate Change and the Agriculture and Food sector**

The agriculture and food sector, broadly defined to include forestry, fisheries and livestock in addition to crops and management of soils, water and nutrients, is presently inefficient and contributes to GHG emissions. It could make a major contribution to carbon sequestration. Reducing wastage and post-harvest losses, and the transition to precision agriculture relying on digital technology and the new biology could do wonders. That would be climate smart agriculture, which by working with nature, not against it, can indeed feed the world and protect the environment and help put humanity on a sustainable development path.