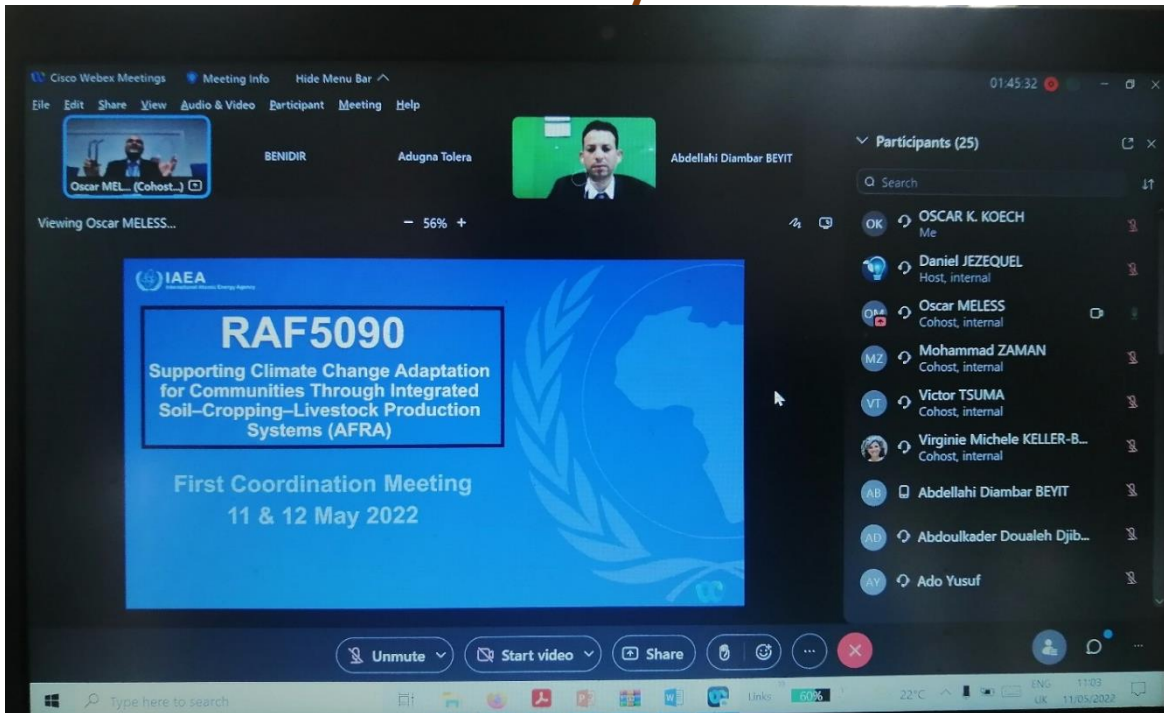


# Supporting Climate Change Adaptation for Communities through Integrated Soil–Cropping–Livestock Production Systems (AFRA) First Coordination Meeting Virtual Meeting 11-12<sup>th</sup> May 2022



**Dr. Oscar Koech** from the University of Nairobi (UoN), Department of Land Resource Management and Agricultural Technology (LARMAT) participated in a workshop organized by the Department of Technical Cooperation, International Atomic Energy Agency. The workshop purpose was to introduce the current status of Integrated Soil Cropping Livestock Production System and to update the project work plan. This is a regional projects that recognizes the economic growth pattern of most African countries characterized by poor adaptation of modern technologies, particularly in the agricultural sector, which is less productive and based on large scale subsistence agriculture. Also, the quantities produced by existing subsistence agriculture are relatively low compared to other parts of the world. For example, cereal yields in Sub Saharan Africa are less than 2000 kg/ha, compared to 5000 kg/ha in the East and Pacific. In addition, the low productivity of subsistence agriculture has low level of added value.

This project aims to **develop a model for increasing agricultural productivity at the farm level through an integrated crop and livestock system using nuclear science and technology.**

The meeting was attended by the Project Counterpart of the selected 14 countries (Kenya, Ethiopia, Eswatini, Rwanda, Ghana, South Africa, Mauritius, Algeria, Nigeria, Morocco, Mauritiana, Libya, Djibouti and Egypt.