

Workshop Agenda

- 9:00-09:30 **Welcome and introduction**
Setting the scene, goals of the workshop and agenda
- 09:30-10:00 **Introduction of System Dynamics**
(with emphasis on experience on modeling water, energy, agriculture)
Foundations of systems modeling, with an overview of feedback loops, delays and non-linearity
- 10:00-11:00 **Introduction to climate adaptation and the Nexus concept**
Overview of the concepts and brief interventions from participants on national work on climate adaptation and Nexus planning
- 11:00-11:15 **Tea Break**
- 11:15-12:30 **Overview of the models (water, energy, agriculture)**
Structure and scenarios, evolution from previous models
- 12:30-14:00 **Lunch Break**
- 14:00-15:00 **Model customizations to Mozambique, Uganda and Cameroon**
Presentation of the parametrization and results for Mozambique, Uganda and Cameroon; comparative presentation, highlighting key features of each model
- 15:00-15:30 **Demonstration of the software and guided exercise**
Overview of Vensim
Running a pre-set scenario
Changing model inputs for customized scenarios
- 15:30-16:00 **Open discussion and closing**
Validation on model structure (key indicators and data requirements)
Applicability of the models to different country contexts
- 16:00-16:30 **Tea Break**
- 16:30-17:30 **Mapping of Institutions along the CIS Value Chain**