

TT4 Agrobusiness model and Climate Mitigation Leader UPC Host: SU Laos Estimated period: M18			
Date	Chair	Topics	Description
Day 1	VUB	Climate condition and irrigation practices Food security, ecological sustainability and sociocultural diversity	How to use remote sensing tools, big data and sensor technology as tools to understand the relationship between agriculture practices and sustainable development, as well as climate mitigation and smart agriculture.
	UoZ	Analysis of crop phenological dynamics and land productivity (Hrvoje Kutnjak)	Case study 1. Practical.
	Opegioka	Remote sensing indicators for monitoring climate change phenomena in agriculture.	Case study 2. Practical.
Day 2	UPC HSWT	Sustainable farming practice through precision farming. Research demonstrator.	Recent research using sensor technology for agriculture (using ground measurement and canopy reconstruction with LiDAR). Practical.
	ALL	Preparation for Smart agriculture and climate mitigation Conference	
1-2 days Conference			
ALL	Smart agriculture and climate mitigation		Interaction with local stakeholders. Presentation of AgriSAT activities and objectives and outcomes. Understand national policy in climate change and agriculture. Stakeholder meeting. Ministry, local governments, HEIs, private companies and farmers.
	Smart agriculture and climate mitigation		Ideas in context with Partner countries: Laos, Myanmar and Cambodia. Roundtable discussion on sustainable agriculture practice, climate mitigation and agrobusiness model.