

## Agenda:

9:25-9:35 Get together and welcome (TUW-C)

9:35-9:45 Project overview (TUW-C)

9:45-10:00 Introduction ESA and Overview of Agriculture Science Precursor (ESA)

10:00-10:20 Introduction of all participants (~3 per partner +5 *early adopters*-> 20 total) (ALL)

10:20-12:00 (10' each + 10' buffer) Work package introductions

Task 1: Scientific requirement consolidation (TUW-C)

Task 2: Dataset collection (CG-RS)

Task 3: Development and validation (TUW-C)

Task 4: Experimental dataset generation (EODC)

Task 5: Advancing Earth System Science (TUW-M) (Only brief overview, as we will discuss the user cases in the afternoon)

Task 6: Transferring scientific results into solutions for society (CG-A) (Only brief overview, as we will discuss the user cases in the afternoon)

Task 7: Scientific roadmap (TUW-C)

Task 8: Promotion and coordination (CG-A)

Task 9: Management (milestones and deliverables) (TUW-C)

12:00-13:00 Lunch break

13:00-15:00 Discussion of science and demonstration cases with stakeholders:

SC1: Drought 2018 impact on crop yield (Zdeněk Žalud, Josef Hlavinka, Luděk Novotný)

SC2: Impact of war in Ukraine on crop production (Svitlana Kokhan)

SC3: Assess value of irrigation (Farmers)

SC4: Sugar beet yield early forecasting (COSUN)

DC1: Subfield and field-level yield forecasts (All stakeholders)

DC2: regional and national-level yield forecast (Guido Lemoine, Libor Sedláček)

DC3: Retrospective yield predictions (All stakeholders)

DC4: Irrigation timing advisory tool (Farmers)

DC5: Fertilization advisory tool (Farmers)

15:00-15:30 Varia (Data exchange, contact to farmers and early adopters, publications, AOB) (TUW-C)

15:30-16:00 Buffer