Meeting overview	
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Marco Orlando

Several issues to be addressed —> risk management.

Stakeholder meetings —> face to face.

It can be done at the country basis and then a synthesis about the consistency and science and needs. Physical meetings to be planned with stakeholders in a close future. Currently still not possible in Tunisia to plane stakeholders meeting because of the COVID crisis

Italian partners face difficulties. A possible extension is expected soon, with agreement for Italian ministry. Italian partners highlight the necessity to set up live meetings between new partners (Italy, Spain) and old partners (old).

PRIMA: try to follow the original plan as much as possible. Extension would allow concret progresses. This can be considered. How much time need each partners to finish the project? Setup a contingency plan.

Mid-term report —> diagnosis about needs, extension. To be done before the end of July. PRIMA isn't responsible of the project, they just coordinate. Also there are some delays but PRIMA is flexible.

All partners have to finish activities in the project.

There is no Lebanese partner officially attend the meeting. Talal Darwish said "Ali Fadel has left the CNRS, and Dr Ghaleb asked me to follow unofficially now but he said there is no budget for local activities."

# TK11

Joaquim paper (frontiers in plant science): TK 1.1. Please provide references for 2 papers.

Nota: SSC —> 6 years of data —> this could be done thanks to historical depth of our research activities with long lasting collaborations.

Any difficulty ? Yes, when setting new collaborations without any live meeting. Everything is visio conference based right now, more difficult.

Partner collaborations beyond existing ones (MB1 outcomes)

- —> There is no concrete action because of COVID crisis for CESBIO / IRTA / UCA.
- —> We setup several visio-conferences with short minutes for UNICA CERTE LISAH. We share data for crossing methodologies, and we are collecting similar data in Orroli and Lebna. We hope it will be possible in September to have live meetings.
- -> RS and proximal sensing approach along with geophysical data.

UCA / CESBIO: data set for land use will be deliver next year. Is not possible to engage the two masters right now, we postpone to next year.

Nota: UNICA is OK for setting collaborations with CERTE. Concrete actions to be planned. Some difficulties for CESBIO PHD, in relation to field experiments.

Overall, a 5 month delay is required for providing deliverables.

#### **TK12**

MOCTAR on water stress here? Or even more in TK 2.1 —> to be addressed with the contributor. It deals with canopy water content in relation to stress.

Irrigation in hydrological connectivities —> to be put into TK12 practice?

Delays in database providing.

6 months delays for pesticides.

More than 12 months for land use in Morocco.

Lack of trainee for data for methodological processing and land use.

# **TK21**

Publication RSE —> to be requested for ALTOS web-site.

SUPCOM contribution in TK12: methodological problems with lack of data collection about coincidence ground - sat and about lack of ancillary data.

UNICA: Orroli experiment, but limited COVID pandemic. The work will be done next year. Willingness to collaborate with CERTE and LISAH.

One year for pesticide study, by INAT/LISAH. Meriem Khouni starts her PHD this year.

One year delay in pesticide study.

Difficulty in budget lack for CERTE to finalise works —> other grants are necessary. Tunisia has to spend grants now for activities to be done later. Low budget and administrative troubles. Diagnosis about budget needs.

The grant calendar is different for each partner.

Administrative difficulties for Tunisian budget spending but it can be postponed to next year.

Green team is working on water use efficiency but not in ALTOS since CHAAMS and ACCWA project. Possible to mutualise between projects. To be addressed with Jalel.

# **TK22**

Difficulties:

SAR for soil mouvement after flooding.

There is no data for the flowering period.

Data set in the following months (6-12), with observations from Tunisia and Morocco.

They have historical data but not recent one.

UNICA is requesting an official paper for the extension of the project.

Gilles: the data collected in Tunisia will be gathered in a close future.

Warning with mid term reviews for both PRIMA office and funding agencies-> to be discussed on tomorrow afternoon. Also, deliverable production is planned on month 18.

**TK31** 

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Remove last UCAM contributions (2). Warning about the mid-term report.

Taous site rather than Merguellil site. Not much systems based on drip irrigation. The UCA / CESBIO team is waiting for data from MOCTAR.

#### Publications OK.

CESBIO changed the study site because of logistical difficulties. Also, the new study site depicts similar features as compared to the former one, which secures the representativeness when providing methodological materials.

### TK32

Warning: some contributions (Gille presentation) of this morning to be included here : refining climate variability.

WP3 OK for deliverables at mid-term.

Dataset: necessity to set DOI.

Several model simulations are presented and discussed. Poor results with MODFLOW and SWAT are ascribed to parameterisation troubles. SAFRAN inputs seems to be OK, since the resulting ETR estimated are consistent. A discussion between UNICA and INAT (Jalel) will be done, about difficulties.

#### **TK41**

Setting scenarios is delayed because of seminar participative in the pandemic context.

### Collaborations with stakeholders are weak.

Still plan to have participative seminar when the situation is better - need for budgets.

Difficulties for accessing grants in Tunisia.

Delays are expected.

#### **Pesticides**

Olivier is asking an update about SWAT simulations based on land use scenarios. Since these simulations are not yet available, it is necessary to reconfigure the work plan.

Scenario setting is long-lasting and time consuming because of collaborations with stakeholders.

In Morocco, there are some students who work on this topic, but now there is no progress about modelling.

#### TK42

AMETHYST: SIM for climate change impact and WEAP-MODFLOW for anthropogenic scenarios. Still in the preparation of the numerical simulations.

Tensift: Historical land cover scenarios to be updated, and revisited according to climate scenarios, in close collaboration with stakeholders.

Things are not going very fast.

No any critical issue, several results to be obtained in the 12 following months.

INRGREF notes that all WP4 deliverables begin at month 24, so they can setup meeting with stakeholders.

## TK51

No activity because Lebanon Partner could not lead the task, due to the Lebanese context. We could not find any alternate leader for this task that deals with sharing of data and methods.

- Overall, it seems we have a six months grace. We can put that back into the timeline.
  Pressure on PhD activity. Pressure from funding agencies and pressure from administrative organisms.
- Cancelling the TK is a critical issue because ERA-NET project.
- Go deeper fun the analysis for handling this task.
- We have to decrease our ambitions. Maybe other ways to organise this time of sharing.
- Maybe organising the pooling / sharing within other tasks.

The MB stated that the task is very important, and therefore that we cannot cancel it. We can do some activities in the next year. It's important to have such meetings dedicated to exchanges. If it's possible a live meeting will be organised at the end of 2021 or at the beginning of 2022.

ACCWA mobility is starting again form 15<sup>th</sup> may2021.

Leaders have to fill the sheet about data itself and contact names. An email will be sent by Rim to invite the leader to fill the table and indicate the contact person.

Project can be changed.

Common end date for the partners.

Detailed about the situation, including the request. Think about a new date and we can discuss.

A contingency plan about difficulties and suggestion will be sent to the PRIMA officer. Table update first.

Finalise project presentation within MEL so that we can report.

Each partner is supposed to report his own budget and graphic as illustration.

MT is supposed to upload mid-term report and the deliverables, some milestones information.

Warning: we have a double-monitoring! Mid-term report has to be done for each funding agency.

There is a training session with a summer school at end of June (link between CHAAMS and ALTOS project).

We may plan a student session at the end of the year.

The mid-term meeting should occur at the first semester of 2022.

There is no contact with stakeholder in Spain because of pandemic.

Include paper with leverage effect while explicitly mentioning it.