Agenda

Participative workshop towards 4.1 : Having a common structure & adapting each labs work

8 march 2022 – 9.30 – 12.00

N. Graveline & D. Perez-Blanco

In bold are the participative session

In parallel to a zoom window we suggest to work on a Klaxoon pad to write down ideas & co construct. This enables subgroups or individuals to draw & write things during parallel session and ease presentation to all and have the results at the end of the workshop.

1. Introduction (15 min)
    - General introduction: Dioni Perez Blanco (USAL, project coord)
    - Specific objective of the workshop : Nina Graveline (INRAE, WP4 leader & 4.1 task leader)
    - Icebreaker / Roundtable short presentation of each participant on the pad
2. **What have you think of so far for the lab work? (45 min)**

    Split in subgroups of 2 and discuss these questions ?

    (i) *How to engage stakeholders effectively?*
    (ii) *What problems have you faced so far?*
    (iii) *How do you address these issues?*
    (iv) Do you have questions on the "lab work"?

    Return in plenary : present the items of our partner or together. We can conclude on the remaining questions that concern partners
3. The concept of "System of innovation" : analytical perspective and implication for triggering change and implementation - Jean-Marc Touzard (15 min)

"Coffee break" 10 min

4. **Towards designing the participative process**: a four year long engaging process. (1.00 h)
    - Participative toolbox : what are the options / bricks we have ? (40 min)
    - Do we want any "common" structure ? 10 min discussion
      (e.g. the project doc. imposes at least the serious game in workshop 2)
    - What do we need to advance on that topic ? 10 min discussion
5. How to mobilize the TALANOA resources: the app & the agora etc. for the labs work and discussions on ideas for functionalities for the labs? Dioni Perez Blanco (10 min)
6. Conclusions & thank you

Annexe

Extract from project proposal

D4.1 work required from month 7 to 11 is to agree upon research & assessment objectives alon with analytical methods. Guidance will be produced

	ST4 .1.1	Getting started	Research and assessment objectives will be agreed, along with analytical methods. Guidance will be produced.	WP1	7-11
Iterative (stock-taking process)	ST4 .1.2	Scena-rios	Future scenarios will be laid down. EURO-CORDEX and its regional climate model simulations will be used for the RCPs (representative concentration pathways). We will use SSPs (shared socio-economic pathways) for demographic changes and economic development, and land use scenarios for the Mediterranean region, including amended by a sensitivity analysis of their key parameters co-designed along stakeholders. These inputs will be used to force the modeling framework in WP3 and generate a baseline (conventional adaptation/no adaptation).	WP1—co-design WP2 WP3	12 - 36
	ST4 .1.3	Sustaina-ble water use limits	*Basin Determined Contributions* (BDCs) capable of restoring the supply-demand balance in overallocated basins under future scenarios will be designed	WP1—co-design WP2	12 - 36
	ST4 .1.4	Strate-gies	Design of *transformational adaptation strategies* capable of achieving BDCs targets through the combination of i) nature-based solutions, ii) technological innovation and water/climate services, iii) risk management and financing instruments and iv) economic and behavioral incentives. Investment costs of the strategy assessed.	WP1—co-design	12 - 36
	ST4 .1.5	Impacts & trade-offs	We will model the impact of transformational adaptation strategies under future scenarios and BDCs. We will assess changes in relevant indicators such as runoff, aquifer recharge, income and its distribution, etc. and compare impacts to costs of the strategy; sample uncertainty; assess tradeoffs; and compare performance to baseline (conventional/no adaptation).	WP1—co-develop, co-evaluate WP2 WP3	12 - 36
	ST4 .1.6	Robust decision-Making	Identify, for each lab, a *robust* adaptation strategy that contributes to IWRM objectives. Decision-making will be based on a combination of simulation results (mechanistic outputs) and *ad-hoc* interpretations of stakeholder experience that are applied to speculate upon the consequences of adaptation strategies (heuristics).	WP1—co-identify	12 - 36
Sequential	ST4 .1.7	Proof of concept	Preferred robust adaptation strategies will be assessed in depth, and analyzed in terms of regulatory and other obstacles, feasibility and support from the involved institutions. Business plan drafted.	WP1—co-implement	37 - 39
	ST4 .1.8	Brea-king ground	The practical implementation of the preferred strategy will in some cases necessitate sequential and transitory implementation. We will address actions needed to unfold the strategy in practice, including partnerships and novel financial mechanisms (e.g. fiscal incentives) to secure sustainable investment into transformational adaptation; and explore possible implementation drawbacks.	WP1—co-implement	40 - 41
	ST4 .1.9	Synthesis & recomm	The final step will summarize lessons learned, reflect about the transferability, and which risks to consider when designing similar schemes elsewhere. Draft business plan updated (input for D5.6).	WP1—co-implement	42 - 44

We will organize web meetings every two months to review progress in the water laboratories and to identify and help managing salient scientific and management risks. In person meetings with Consortium partners, rapporteurs and lead stakeholders from all water laboratories will be held in two international science-policy workshops (months 25 and 43). Halfway through the WP we will conduct an internal mid-term review through the High Level External Advisory Board (HLEAB) (month 24), organized side-to-side wi WP6). This event will be open to the wider scientific community including representatives from international research projects with complementary research scope

and objectives (including partner PRIMA projects retained for funding under relevant calls). We will also organize knowledge sharing webinars in collaboration with WP5.