Goal: Deliverables up to the end of August with the existing MM version

1. Calibration results over a new case over Mediterranean (see demonstration platform bellow) **all**
2. IMS to consolidate MM code on Github https://github.com/COSMO-ORG/CALMO-MM (**Itsik, Jean-Marie**) *by the 16th of February*
3. Final report- COSMO1 calibration, part of the verification, how to optimize the code, list of open issues, draft a new project……Peer reviewed paper (**Antigoni**,….) **Euripides** submit the sensitivity experiments draft *by the 14th of February* as it is.
4. Schedule a web conference for a training with a full package
5. Networking with other groups IRSN (**Andreas, Jean-Marie, Antigoni**), ETH (trClim project)
6. Detailed description of the MM and the optimization method (parameters convergence) –**Itsik** / *Re-write section 6 in TR31: Convergence to the optimal parameter combination, Method, Uncertainty of the optimal parameter combination by the end of February.* Ask **Silje** for the updated users guide of MM (send e-mail)
7. Small report of the workshop to be published in COSMO Newsletter requested by STC due to use of Activity Proposals (**Antigoni**,….)
8. Inform SMC about status and plans……**Jean-Marie**

Demonstration Platform

Eastern Mediterranean region (covering Greece, Israel, Southern Italy)

Time period: Selected periods with 2019

Resolution: Finer resolution 2-3 km???

COSMO 5.06

Model configuration a draft will be provided by **Euripides.** *First draft of the configuration by the 17th of February*

Computer resources at ECMWF

5 or 6 parameters (tkhmin, rlam_heat, rat_sea, entr_sc)

Gridded or any available observations from Israel, Italy

Run independent simulation

Verification ask about use of observations

List of next steps (cooperation with scientific community)

1. Cottbus department of mathematics to propose a new approach on MM
2. Common MM with COSMO-CLM/
3. Workshop with COSMO-NWP and COSMO-CLM (Zurich) on MM
4. Run new dynamical core and calibrate parameters such as tkhmin, crltau, nrdtau …..