**HARP side meeting at Aladin-Hirlam All-Staff meeting 2017:**

New HARP version (2) before Summer (June)

1)Testing: people / institutes needed who are willing to test (interaction)
DMI, AEMET, IMGW (Poland), FMI, INM (Tunesia)

2) Communication for HARP issues in the community
- Via Hirlam forum (access to hirlam.org is needed, should be accessible for all HIRLAM and ALADIN members)
- e-mail list

3) Source code (new version)
- ECMWF
- hirlam.org
- Documentation

4) New setup – Alex
- basic structure
- Want feedback on:
  ◦ observational data and data formats
  ◦ re-griding options? - Interpolation methods that will be interesting
  ▪ bi-linear
  ▪ nearest neighbor
  ▪ mean
  ◦ Scores? SAL/FSS, HK,
  ◦ utils are commandline tools that will work when R is installed with tcltk

5) Discussion:
- Adding new parameters in the EPS is hidden somewhere
  ◦ the bullet in the documentation is not leading anywhere
  ◦ Additional collumn has to be added to the sqlite database for data that is not in the vobs.files
  ◦ At the spatial part parameters have to be handled in the decoders
  ◦ Gallery of examples should be extended but sepcific settings should be put to documentation
  ◦ sqlite tables in EPS is not changed in new version
  ◦ No aggregation of fuzzy scores in sqlite tables → this will be easy to view in shiny
    (there is a plan to get this feature in EPS for smaller ensembles as well)
  ◦ Verification score cards are under development
  ◦ Automatic generation of verifications scores is one thing to be thought of (pdf with selection of graphs ...)
  ◦ Installation without GRIB support → is there already (Rgrib is not automatically loaded)
  ◦ File locking for sqlite files is not possible on certain file-systems → needs to be turned off explicitly if sqlite files are on certain file-systems

6) release:
- Validation is to be done before we give a beta release
- Code is given to people who want to test and have urgent needs of using the spatial code.