Progress on the CORE programme on DA

2018 DAsKIT activities

ALADIN

Website of the ALADIN Consortium

| Documents ▼ | Scientific plans and reports ▼ | Newsletters | Meetings ▼ | ALADIN People : who, where, how to contact ▼ | Software and applications ▼ |

Home | Scientific plans and reports | DATA Assimilation Strategic Core Program

dedicated ALADIN web page & LACE forum topic

DATA Assimilation Strategic Core Program

Articles of this section

2018 DAsKIT Working Days, Romania, 19-21 September

2018 DAsKIT Working Days, partly join with LACE DA WD

This year the DAsKIT WD was special since LACE Data Assimilation Working Days (DAWD) was partly joined this year : the program started with a (...)

Read the article ...

Article published on 9 May 2018
dernière modification le 10 October 2018

by Patricia✉

DAsKIT regular video-conferences

regular video-confs (one per quarter)

5-6 December 2018 video-conference See the summary report; the main topics of this video-conference were: 1. Status on the DAsKIT countries (...)

Read the article ...

Article published on 17 December 2018

by Patricia✉

The Data Assimilation Core Program and DAsKIT

DA coordinator position. The 22nd ALADIN General Assembly approved the creation of a 20% DA coordinator position in ALADIN to assist the ALADIN (...)

Read the article ...

Article published
dernière modification

Outcomes from the 2018 DAsKIT WD
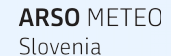**(Bucarest, with support of LACE & HIRLAM)**

BATOR (CY40T1/CY43T2) / SYNOP
  8/8 countries implemented it (*)

MANDALAY
  8/8 countries implemented it

OBSMON
  4/8 countries installed it
  4/8 countries are on-going

HARP_v2
  2/8 countries implemented it
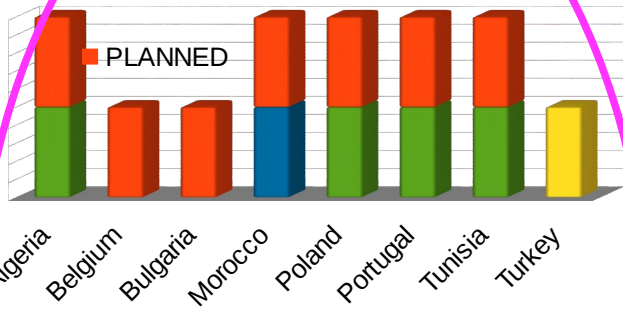 6/8 will need further support/opportunity (maybe HARP_v3)

OI_MAIN (CY40T1/CY43T2) KIT for 1 network
  4/8 implemented it locally
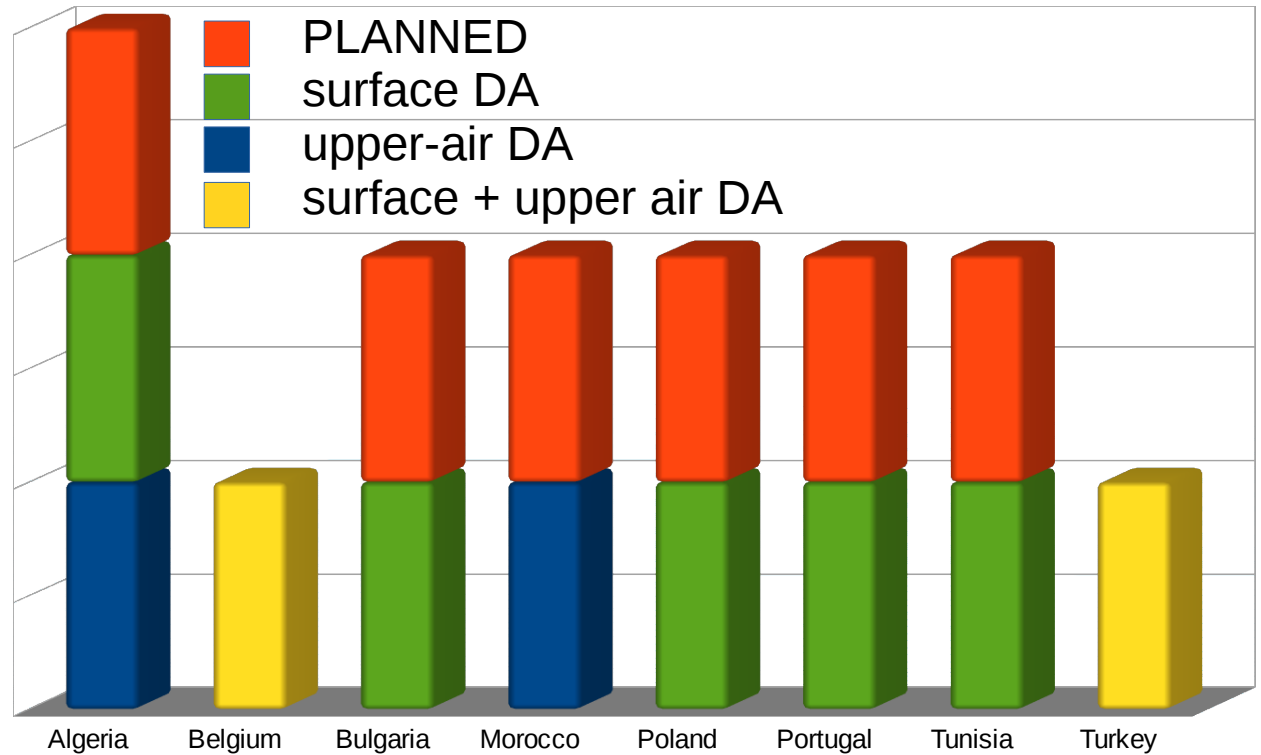 2/8 are waiting for a new machine
  2/8 use ALARO

Progress on DA cycling Systems - II

Start 2018

STATUS
- 2/8 do not have
- 6/8 countries have a DA cycling
- 1/8 countries have a full DA (surface+upper-air)

PLANS
- 7/8 wish to have a full DA (OI_MAIN (CANARI) + 3D-Var)
- 8/8 countries are willing to improve DA

Start 2019

Legend:
- PLANNED
- surface DA
- upper-air DA
- surface + upper air DA

Countries: Algeria, Belgium, Bulgaria, Morocco, Poland, Portugal, Tunisia, Turkey

STATUS
- 8/8 countries have a DA cycling
- 2/8 countries have a full DA (surface+upper-air)

PLANS
- 6/8 wish to progress to a full DA (OI_MAIN (CANARI) + 3D-Var)
- 8/8 countries are willing to improve DA systems

Conclusions, open questions & future actions

CONCLUSIONS
- All countries have know-how to set up a DA cycling with conventional data (cy40t1)
- All countries have data monitoring tools available locally (OBSMON & MANDALAY)
- Validation tools are still missing in most of the countries
- There are now 'communication platforms' between the DAsKIT partners (web & forum; annual DAsKIT Working Days; regular video-confs)
- Common A-H DA Training Course was a great opportunity to learn on actual available DA tools, though not all the DAsKIT countries could be present

Foreseen SHORT-TERM ACTIONS
- Video-conf in June 2019 focus: validation of surface DA + issues
- 2019 DAsKIT WD, Prague, 18-20 September 2019 will be partly joint with LACE DA WD; Candidate topics: basic conclusions on SYNOP/AMDAR(/TEMP), pre-processing, monitoring (OBSMON); validation of surface DA; 3D-Var basic KIT ?, outcome from common A-H DA Training Course

OPEN QUESTIONS
- Can SAPP (ECMWF) become a common observations (…) pre-processing & monitoring tool amon g DAsKIT countries ?
- Which verification tool to adopt for local validation DA systems ? HARP_v3 ?
- Is it possible to regularly organize a DA Training Course ?