

*Regional Cooperation for
Limited Area Modeling in Central Europe*



**ALARO-1 Working Days
12-14 May 2014
Vienna**

www.rclace.eu/?page=148



ALARO-0 status

- ▶ In the operational use in ALADIN countries
 - ▶ at, be, cz, hr, hu, ro, sk, si, tr, (po,pt)
model resolution between 8 km – 4 km, 2km
- ▶ In EPS systems
 - ▶ ALADIN-LAEF, GLAMEPS, EPS at HMS
- ▶ In climatological simulations
- ▶ Plans for a usage in
 - ▶ HarmonEPS convection-permitting ensemble system
 - ▶ multi model systems

Short history

- ▶ ALARO-0-without3MT (January 2007)
- ▶ ALARO-0-with3MT (June 2008)
- ▶ ALARO-0 baseline (December 2012)

- ▶ Training Course ALARO-0, Mar 2007, Radostovice
- ▶ ALARO-1 Working Days, Feb 2010, Budapest
- ▶ ALARO-1 Working Days, Jun 2012, Ljubljana
- ▶ ALARO-1 Working Days, May 2014, Vienna

ALARO-1 Working Days - participants



- ▶ 32 participants
- ▶ 13 countries
- ▶ ALADIN, LACE, HIRLAM, Russia

- ▶ Some more via Webex



ALARO-1 Working Days - programme



- ▶ Introduction, principles

- ▶ Scientific talks
 - ▶ Radiation
 - ▶ Turbulence - diffusion TOUCANS
 - ▶ Convection
 - ▶ Precipitation aspects

- ▶ Discussion



ALARO-1 Working Days - programme



ALARO-0 Experience

- ▶ Austria
- ▶ Belgium
- ▶ Croatia
- ▶ Hungary
- ▶ Portugal
- ▶ Romania
- ▶ Slovakia
- ▶ Slovenia
- ▶ Turkey
- ▶ Sweden climate
- ▶ Czech Republic
- ▶ Poland
- ▶ Russia



ALARO-1 Working Days - programme



- ▶ Presentations:
 - ▶ 5 min for questions included in shorter
 - ▶ 5-10 min for questions and discussion in longer

- ▶ Coffee breaks (30 min)
- ▶ Lunch breaks (90 min)

