

Goals

Preamble

to intensify co-operation („to work together“)

- to concentrate on core activities
- to work jointly in COSMO => *and with other consortia*
- support of „short-term scientific missions“
- reliable / better exchange of information

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*** Improvement of LM System**

- weaknesses well-known => in-depth diagnostics => to improve data assimilation, parameterization schemes

Werner Wergen: „Does it make the forecast any better?“

*** Development of meso-g scale forecasting capability**

- Adaptation / new formulation of physics
- Adaptation / new formulation of numerics
- Novel methods in interpretation and verification

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*** Enhanced use of remote sensing data**

- 1D-Var (satellite data) for LM
- Assimilation of radar data

Perspectives

- Future of EPS based on LM
- Development of an alternative scheme in data assimilation
e.g. 3D-Var (PSAS) for LM (7 km)
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