

ANNEX D to the COSMO-Agreement,

ANNEX G to the CLM Community Agreement:

Relation between COSMO and the CLM Community

Version 1.1

This document outlines the relation between COSMO and its special development partner, the CLM Community (<http://www.clm-community.eu/>).

1. Definition and scope of the CLM Community

All scientists signing the CLM community agreement form the CLM Community.

In close cooperation with COSMO and based on the COSMO-model the CLM Community develops, improves and maintains the COSMO-model in climate mode, named COSMO-CLM.

The regional climate model COSMO-CLM serves as community model for university institutes and research centres of climate research worldwide.

2. Special development partnership between COSMO and CLM Community

COSMO provides new versions of the following packages of the COSMO-Software regularly to the CLM Community: COSMO-model, INT2LM, EXTPAR.

The CLM Community commits to use the COSMO-Software only for Research and Development (hereafter "R&D") and not to distribute the COSMO-Software to any third party outside of the CLM Community.

The CLM Community provides regularly the developments done to the COSMO-Software. The intellectual property rights belong to the contributing party within the CLM Community, but COSMO is granted a non-exclusive, free of charge and unlimited in time right of use for R&D and official duty to these developments. COSMO gets the right to integrate them in each actual version of the COSMO-Software and to distribute the new versions of the COSMO-Software containing these developments to Research Institutes and Universities for R&D and to Governmental Hydrometeorological or Meteorological Services for R&D and official duty.

Since the model development cycles usually differ between COSMO ("NWP application") and CLM Community (application "climate simulation") the two source code branches for weather and climate have to be synchronized (or "unified") at regular intervals, in close cooperation between both communities.

These unified COSMO-Software source code versions fulfil the COSMO coding standards. In particular they have been thoroughly tested for regional numerical weather prediction by

COSMO and they have been positively tested for regional climate simulation by the CLM Community.

3. Coordination between COSMO and CLM Community

The coordination between COSMO and the CLM Community is organized as follows

- The CLM coordinator is invited as representative of the CLM Community to all meetings of the COSMO Scientific Management Committee (SMC) without voting rights,
- The COSMO Scientific Project Manager (SPM) or a deputy is invited as representative of COSMO to all meetings of the CLM community coordination group (CO) without voting rights,
- The CLM-Community working group coordinators are encouraged to invite experts from the COSMO consortium to their working group meetings,
- CLM Community scientists are invited to participate in the annual COSMO General Meeting (GM),
- COSMO scientists are invited to participate in the annual CLM Assembly (without voting rights), to subscribe to the mailing lists and to apply for access to the internal part of the CLM Community webpage.
- The CLM Community employs the COSMO Coding Standard for all source code contributions which should enter a unified COSMO-Software version,
- COSMO, CLM and ART Communities jointly organize and conduct the annual COSMO/CLM/ART Training Course and the annual COSMO/CLM/ART User Seminar.

4. CLM Community license

Each CLM Community member is granted a license to use the regional climate model COSMO-CLM for R&D in the field of regional climate modelling.

Each COSMO Partner is granted a license to use the regional climate model COSMO-CLM for R&D and official duty in the field of regional climate modelling. The standard CLM Community agreement has to be signed therefore.

A commercial utilization of COSMO-CLM is explicitly forbidden.

Approved by the COSMO Steering Committee,

P. Steiner, 9.9.2014

Name, Date

Chair of the Steering Committee in the name of the Steering Committee

Accepted by the CLM Community at the CLM Assembly 20¹⁴ in *Frankfurt*, Date *3.9.2014*

Josana Freil 9.9.2014