

Status of the transition from COSMO to ICON-LAM at ARPAE including implementation and test of ICON-NWP

C2I – Cosmo GM 2020

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Goals

- Transition of the operational COSMO-2I suite (deterministic 2.2 km grid step on Italian area) to ICON-LAM, running preoperationally in 2021
- Transition of the data assimilation suite based on Kenda at the same resolution in 2022

Status and plan

- ICON-LAM and ICONTOOLS built on Cineca cluster (Intel compiler) and on Arpae internal cluster (gnu compiler)
- Model setup on desired area and resolution ready at the end of 2020
- Preoperational regular runs, based on IFS IC/BC + ICON EU soil, foreseen in mid 2021
- Backup suite, based on ICON global IC/BC on internal cluster