



SRNWP-EPS post-processing tool for high-impact weather forecasting: application to COSMO model

WP1.2 (ended 31 dec 2018)	Define and develop new products and methodologies for computation/elaboration: <ul style="list-style-type: none">• calibration of ensembles, mainly for extremes (wind, precipitation, temperature, ...);• products for probabilistic prediction of thunderstorms (clear benefit, link with research, link with EMMA), fog
EPS_2 New phase 2019-2023	Develop products for postprocessing using specifically outputs from LAM ensemble systems and devoted to high impact weather forecasting (e.g. gusts, icing , fog, severe convection, wind storms, turbulence)

- Description of the «fog code» and application to the COSMO-IT/COSMO-ME and COSMO-ME EPS model outputs
- Description of the «thunderstorm code» and application to the COSMO-IT and COSMO-IT EPS model outputs
- Recent developments in the project (phase 2019-2023) : turbulence and icing products (application to the deterministic COSMO-IT model outputs)

