



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

<b>WP1.2</b> (ended 31 dec 2018)	Define and develop new products and methodologies for computation/elaboration: <ul style="list-style-type: none"><li>• calibration of ensembles, mainly for extremes (wind, precipitation, temperature, ...);</li><li>• <b>products for probabilistic prediction of thunderstorms (clear benefit, link with research, link with EMMA), fog</b></li></ul>
<b>EPS_2</b> 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, <b>icing</b> , fog, severe convection, wind storms, <b>turbulence</b> )

- 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)

