

Implementation of uncertainty information to the CAMS radiation service irradiance estimates

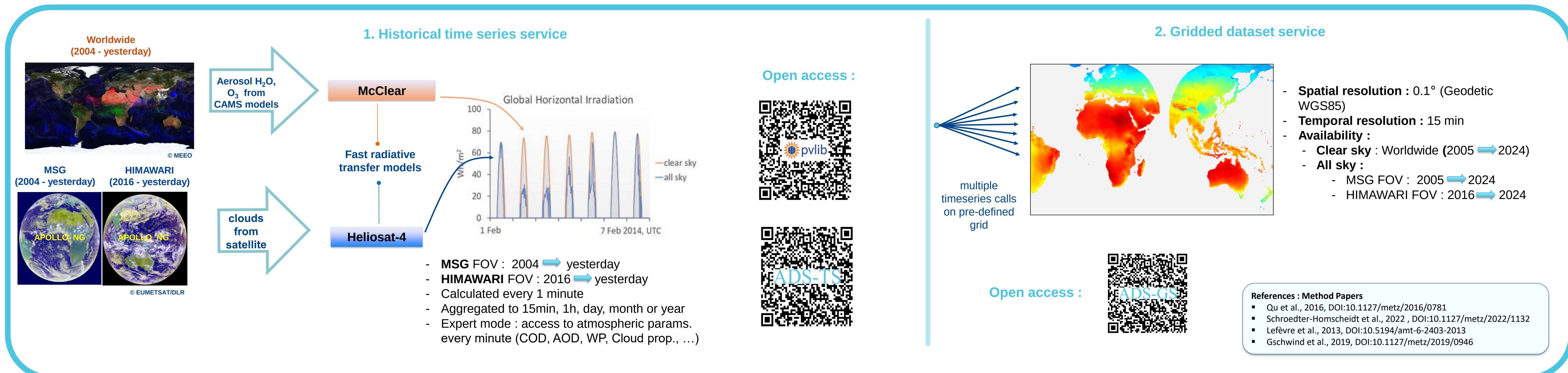
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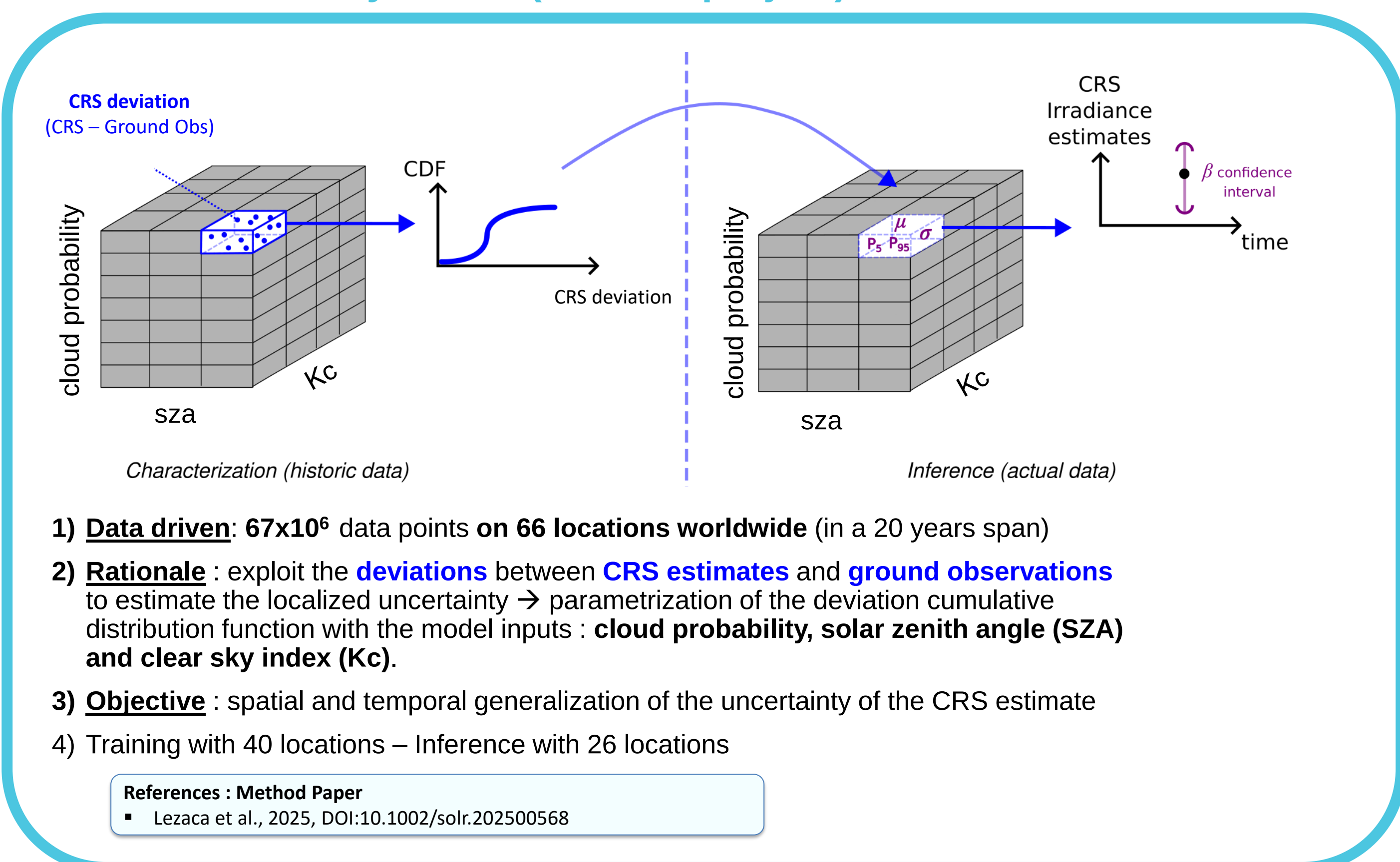
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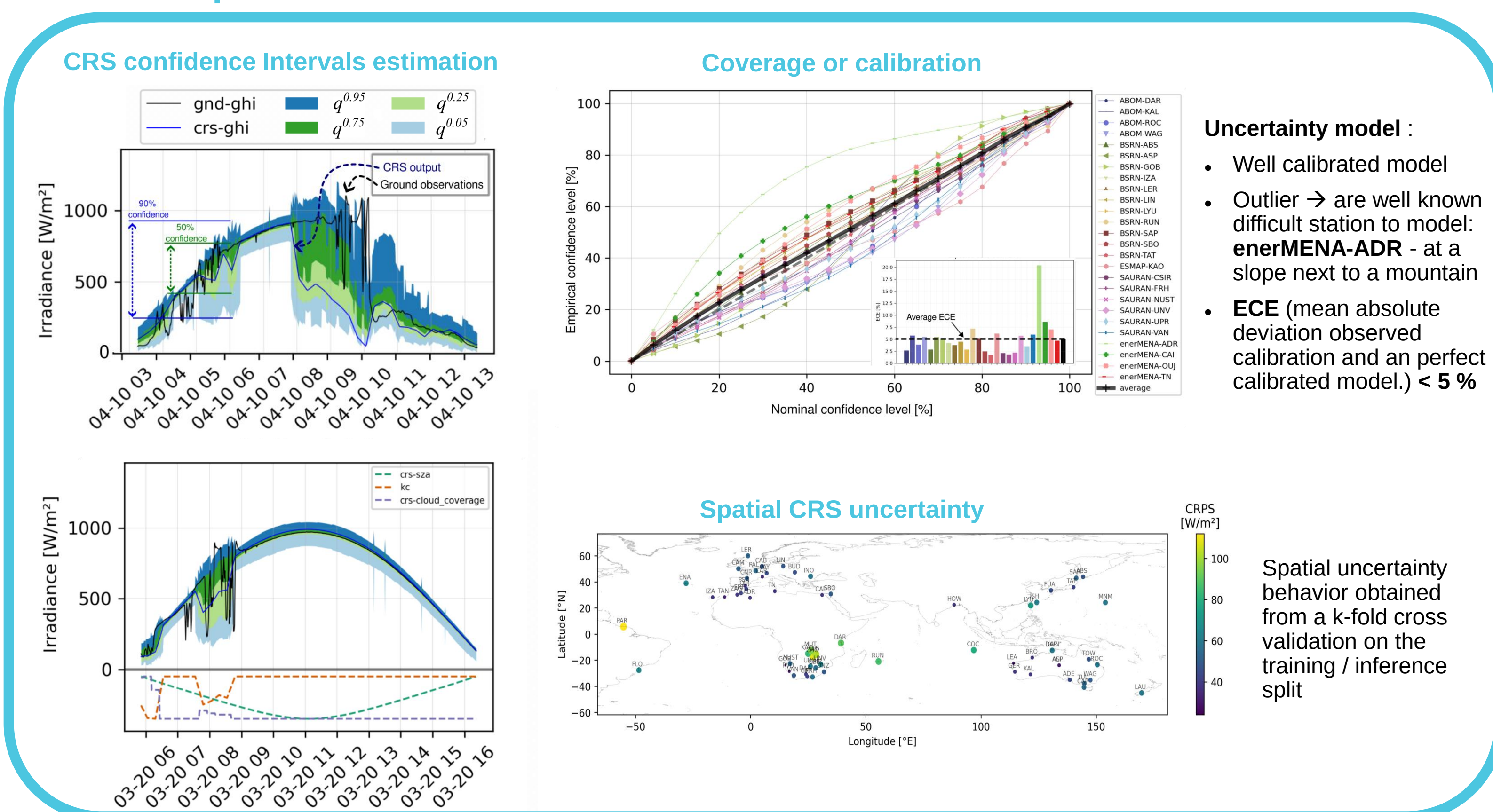
1. CAMS radiation service (CRS)



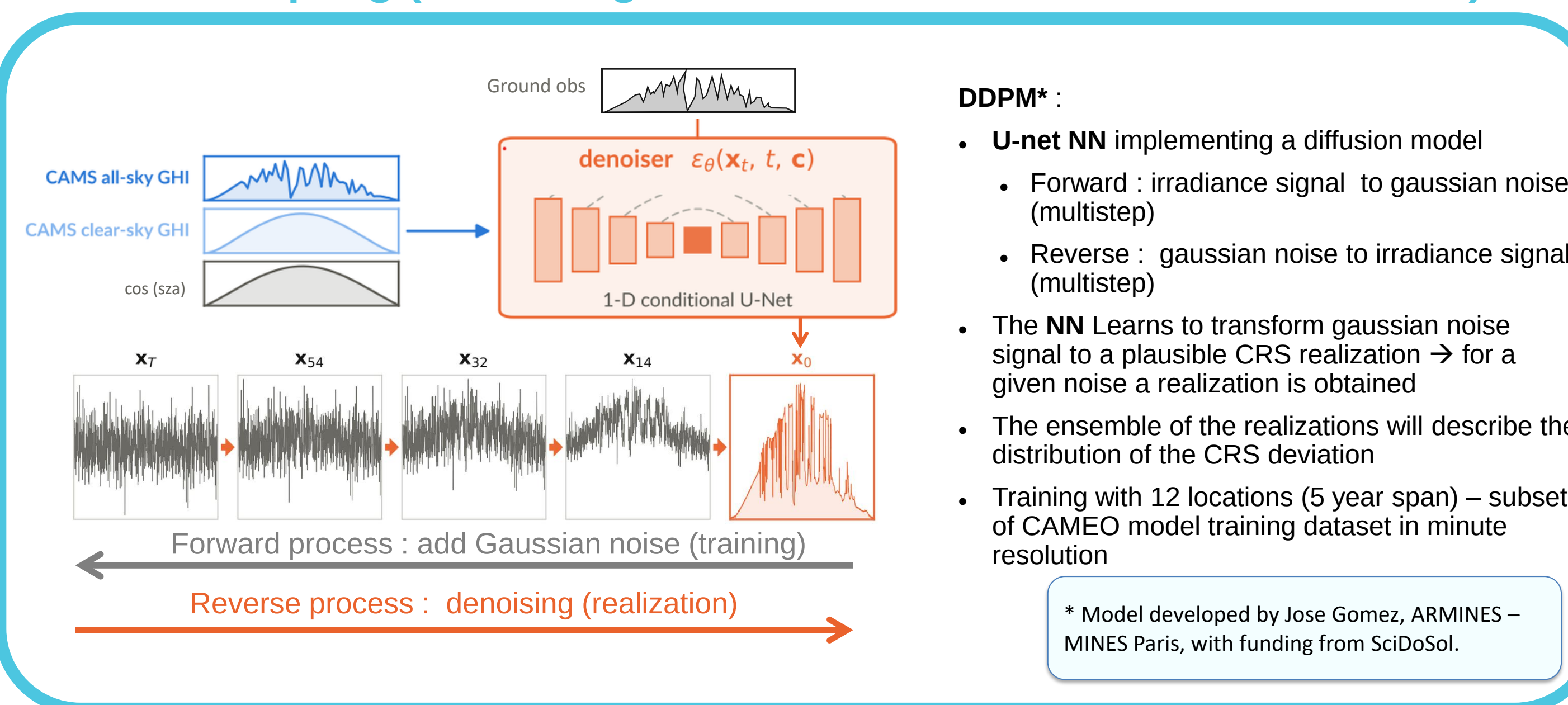
2. CRS uncertainty model (CAMEO project):



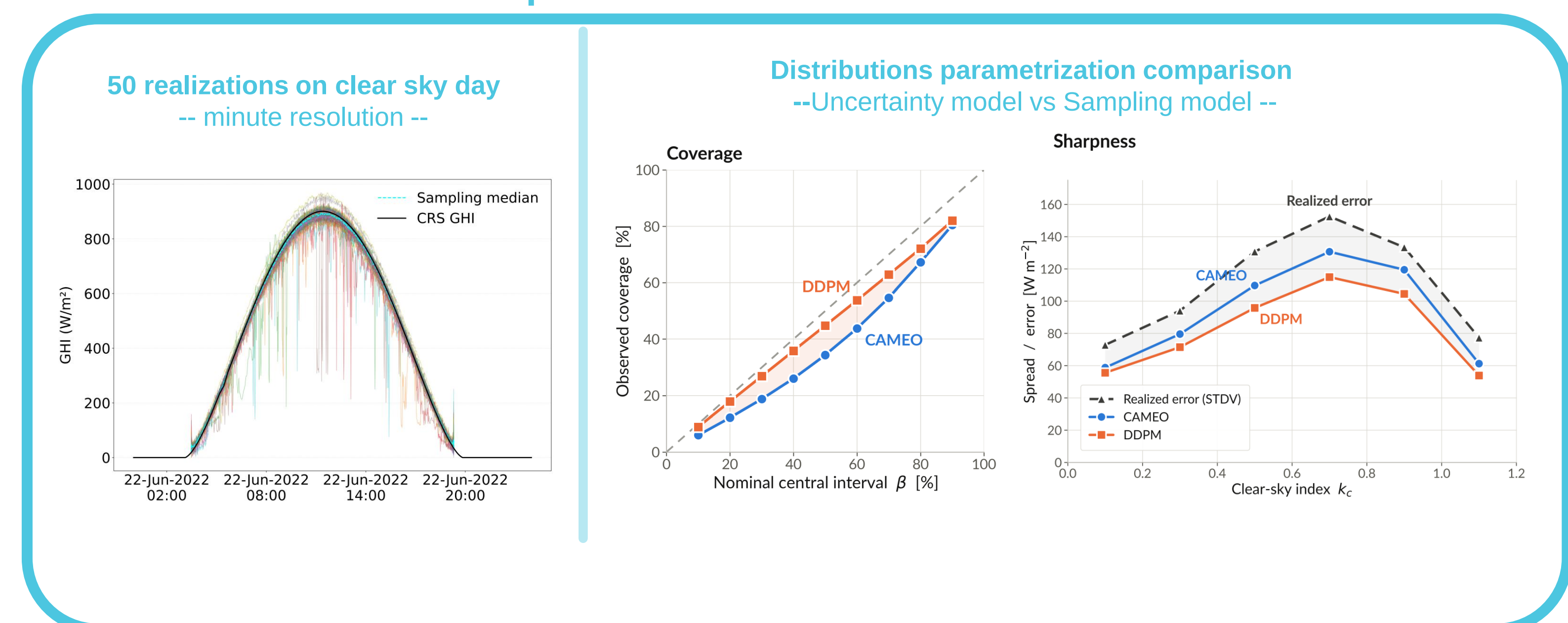
3. CAMEO probabilistic evaluation



4. CRS sampling (Denoising Diffusion Probabilistic Model or DDPM)



5. DDPM evaluation & comparison with CAMEO



6. Downstream application : PVsyst simulation (TMY vs CRS vs CRS uncertainty)

