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The case for a high resolution all-sky millimetre survey

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A dedicated 15m telescope could map the all-sky in the millimetre, adding 20 arcsecond resolution to Planck all-sky maps. We will present the scientific drivers for that instrument: CMB, lensing, SZ, Cosmic Web, CIB, and Polarized dust. This would provide a European original contribution to the S4 efforts at a moderate cost (20ME).

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