

Geo-LiM: Geo-Lithological Map of Central Europe

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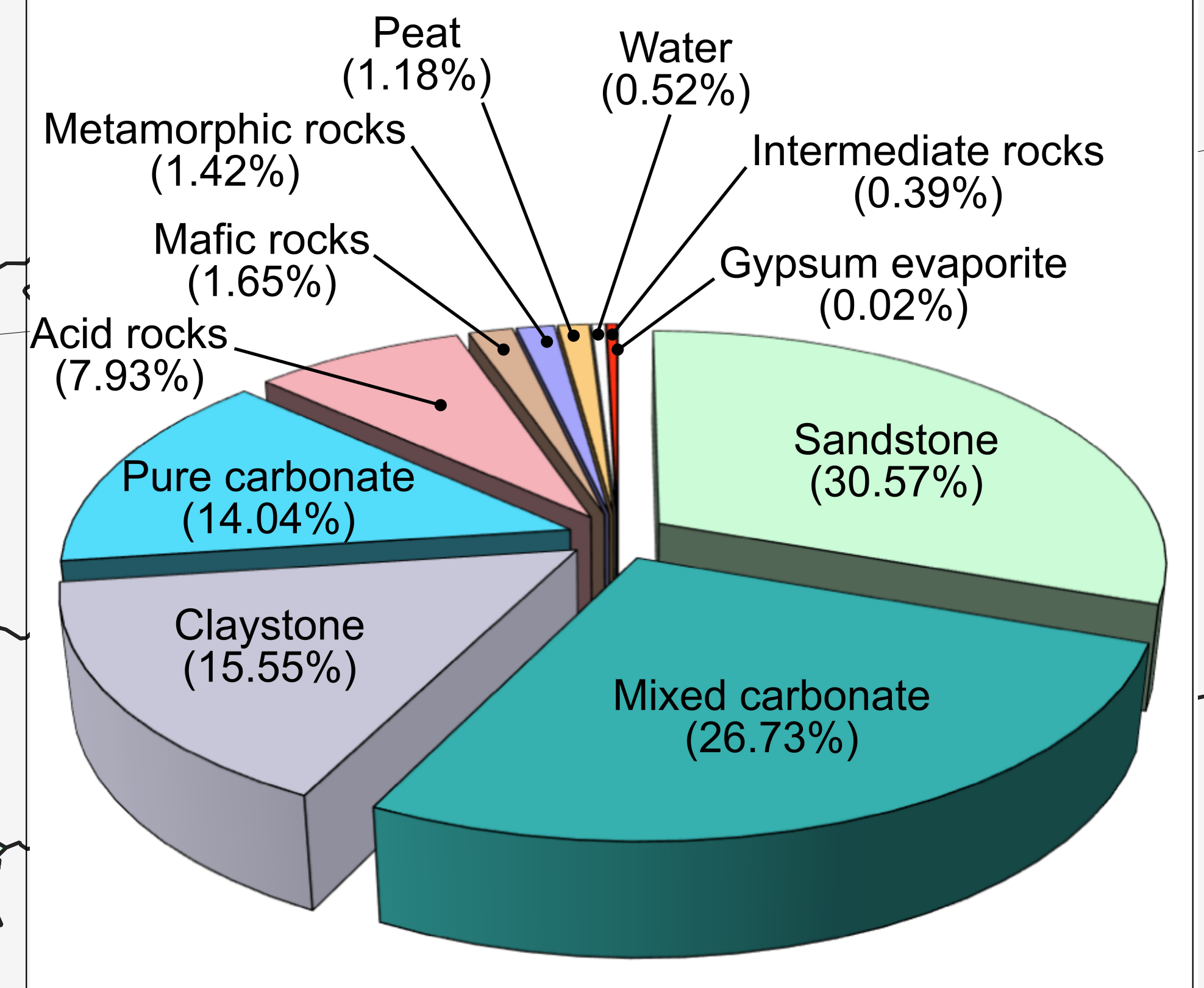


Lithologic Classification*

- | | |
|----------------------|----------------------------|
| Acid rocks | Sandstone |
| Intermediate rocks | Claystone |
| Mafic rocks | Peat |
| Pure carbonate rocks | Metamorphic rocks |
| Mix carbonate rocks | Water (lakes and glaciers) |
| Gypsum evaporite | |

*The lithological classification of Geo-LiM takes into account the chemical and mineralogical composition of the outcropping rocks. The "metamorphic rocks" category was used only when information on protoliths were unavailable or unclear.

Relative Abundance (%) of Outcropping Rocks



0 100 200 km

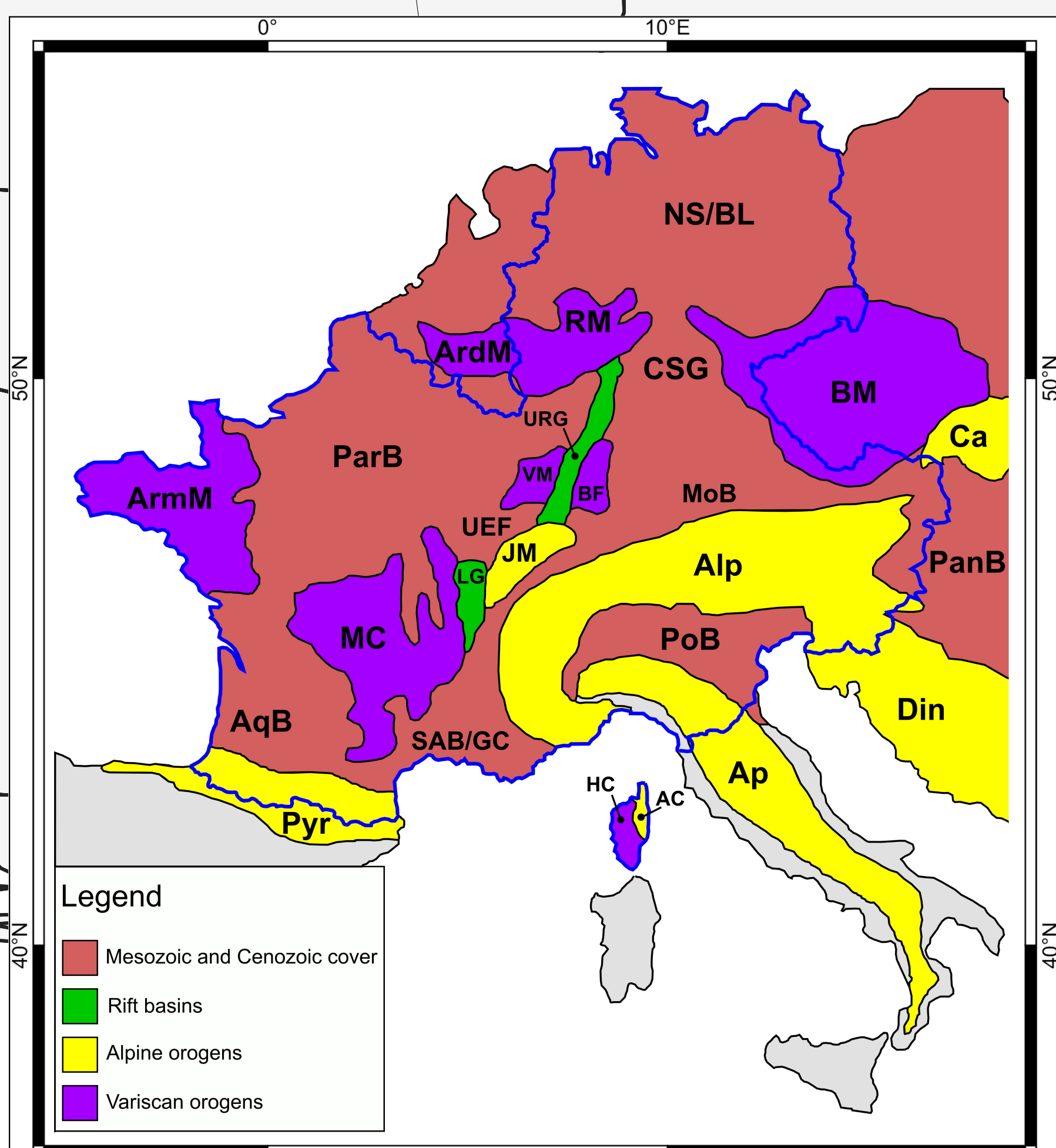
Map projection: EPSG:3035

Datum: EPSG:4326

Scale: 1:2.000.000

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Tectonic scheme of Central Europe. Mesozoic and Cenozoic cover: AqB=Aquitainian Basin, ParB=Paris Basin, UEF=Uplands of Eastern France, NS/BL=North Sea and Baltic Lowlands, CSG=Central and Southern Germany, MoB=Molasse Basin, PanB=Pannonian Basin, PoB=Po Basin, SAB/GC=Sub Alpine Basin and Grands Causses; Rift basins: LG=Limagne Graben, URG=Upper Rhine Graben; Alpine orogens: AC=Alpine Corsica, Pyr=Pyrenees, JM=Jura Mountains, Alp=Alps, Ap=Apennines, Din=Dinarides, Ca=Carpathians; Variscan orogens: HC=Hercynian Corsica, MC=Massif Central, Arm=Armorican Massif, VM=Vosges Mountains, BF=Black Forest, ArdM=Ardenne Mountains, RM=Renish Massif, BM=Bohemian Massif. (Modified from Crampon et al., 1996; Müller et al., 1992; Marroni and Pandolfi, 2003; Neubauer 2009; Pfiffner, 2014). In blue the Geo-LiM study area is shown. In grey are shown the regions outside from our study area.