H2020: Marie Skłodowska-Curie Action

BASE-Line Earth

Brachiopods As SEnsitive tracers of gLobal mariNe Environment: Insights from alkaline, alkaline Earth metal, and metalloid trace element ratios and isotope systems

Michael Komárek, Juraj Farkaš

BASE-Line Earth

- Innovative Training Network
- European Commission, Horizon 2020, Marie Skłodowska-Curie Actions, European Union Funding Programme for Research and Innovation
- 14 partners + 7 associated partners
- 15 Early Stage Researchers (ESRs)
- 3,75 mil. EUR
- 1.1.2015 – 31.12.2018

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GEOMAR

TU Graz

LMU LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

UNIVERSITÀ DEGLI STUDI DI MILANO

UNIVERSITY OF COPENHAGEN

GOETHE UNIVERSITÄT FRANKFURT AM MAIN

IPGP INSTITUT DE PHYSIQUE DU GLOBE DE PARIS

C A U Christian-Albrechts-Universität zu Kiel

Geological Institute Slovak Academy of Sciences

JOANNEUM RESEARCH

THE UNIVERSITY of ADELAIDE

האוניברסיטה העברית בירושלים
The Hebrew University of Jerusalem

MEMORIAL UNIVERSITY

GEOLOGICAL SURVEY OF ISRAEL

DEA

niagara original

Brock University 50 1964-2014

SENCKENBERG world of biodiversity

ThermoFisher SCIENTIFIC

Seminář H2020, 8.10.2015

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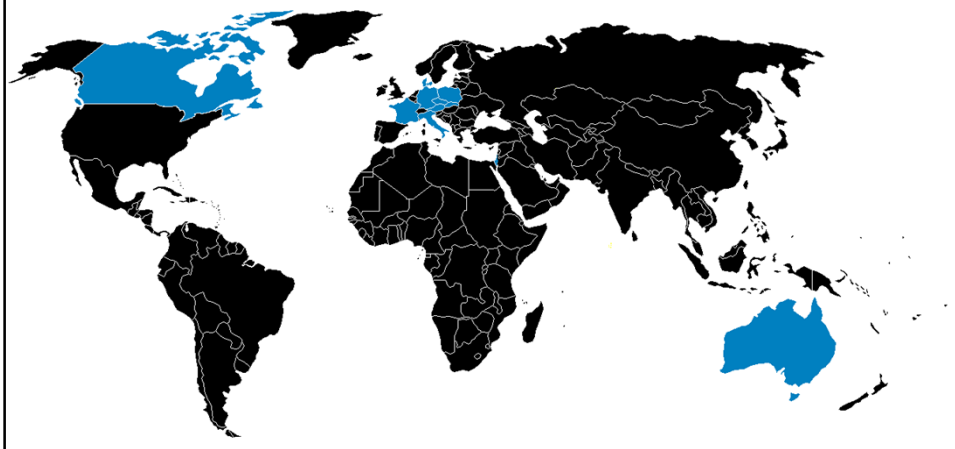

Seminář H2020, 8.10.2015

BASE-Line Earth

- **Original proxy information** preserved in reliable ancient geological archives using **cutting edge technologies** and experimental approaches
- **Understanding long-term chemical processes of socio-economic dimension:** evolution of life, land-ocean interaction, atmospheric chemistry, ecosystem adaptation to climate change, oceanic trace metal cycling, and for applied geological processes (formation of submarine energy resources)
- **Trace element and isotope cycling** and models about ocean material fluxes in and out of the Phanerozoic Ocean

BASE-Line Earth

- Project proposal managed by GEOMAR, important **communication with the project manager**
- In order to be implemented in the Consortium, **you need to offer something!**
- **Cutting edge technology** and analytical techniques
- No issues during proposal preparation…