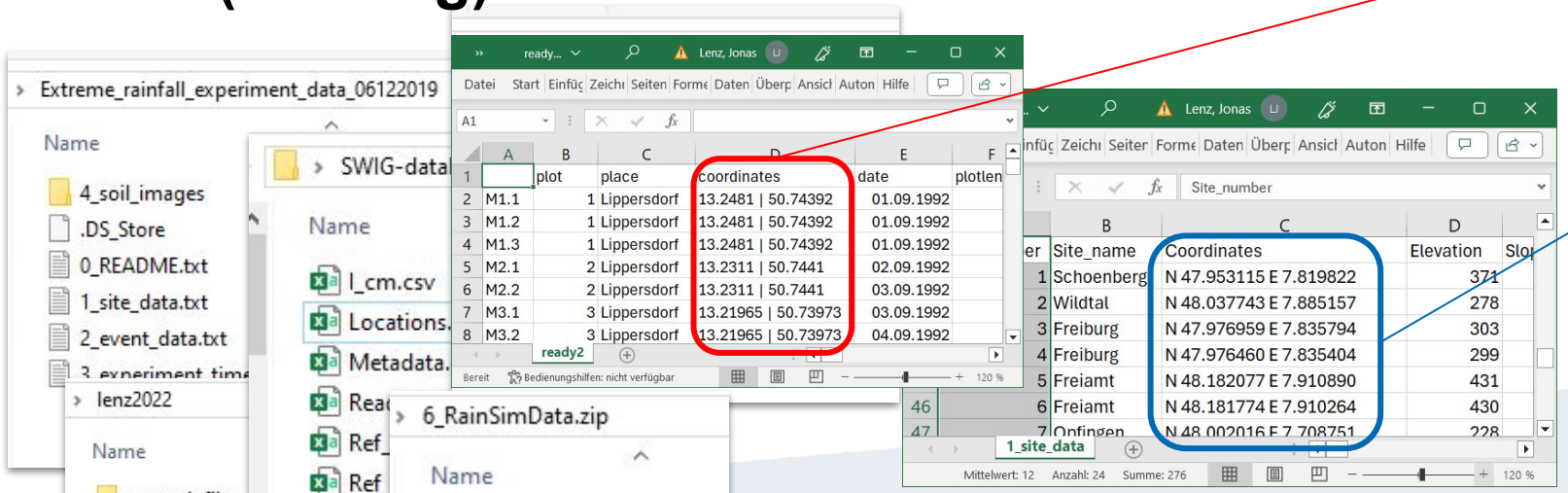
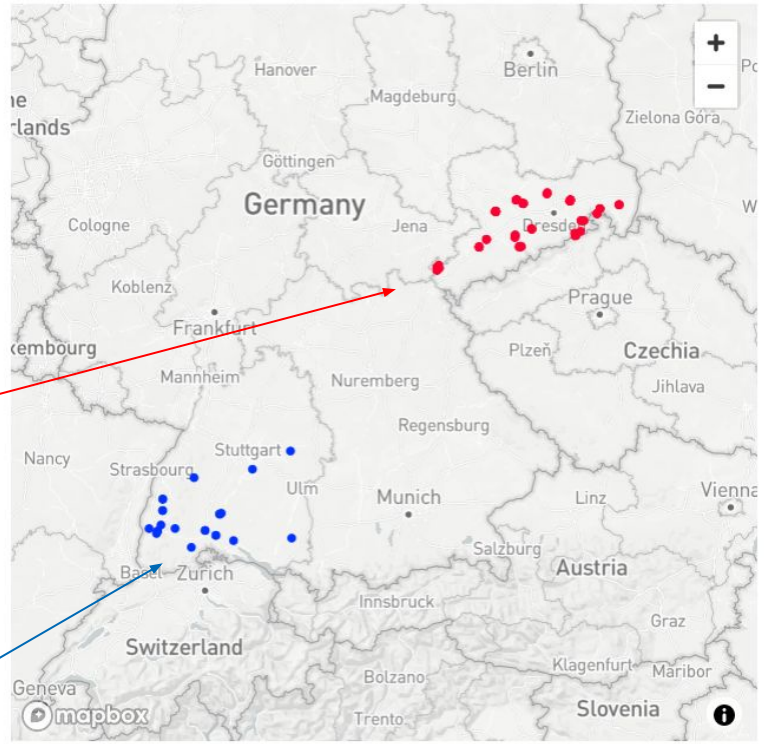
SoilPulse - Aims

- Data harmonization assisted by a tool for metadata generation/enrichment and recognition of data set structure information (DSI).

- Allow for semi-automatic analysis through (meta-)data and DSI querying.

Make (existing) data sets easier reusable!

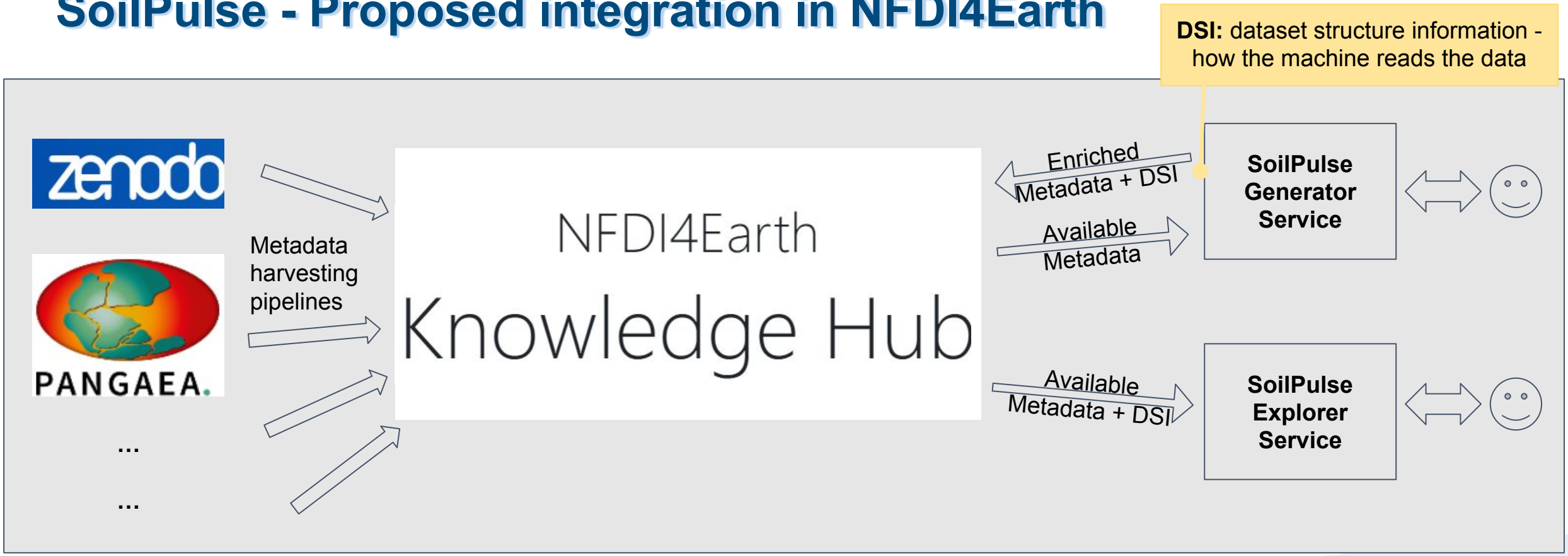




Funded by

Deutsche Forschungsgemeinschaft
German Research Foundation

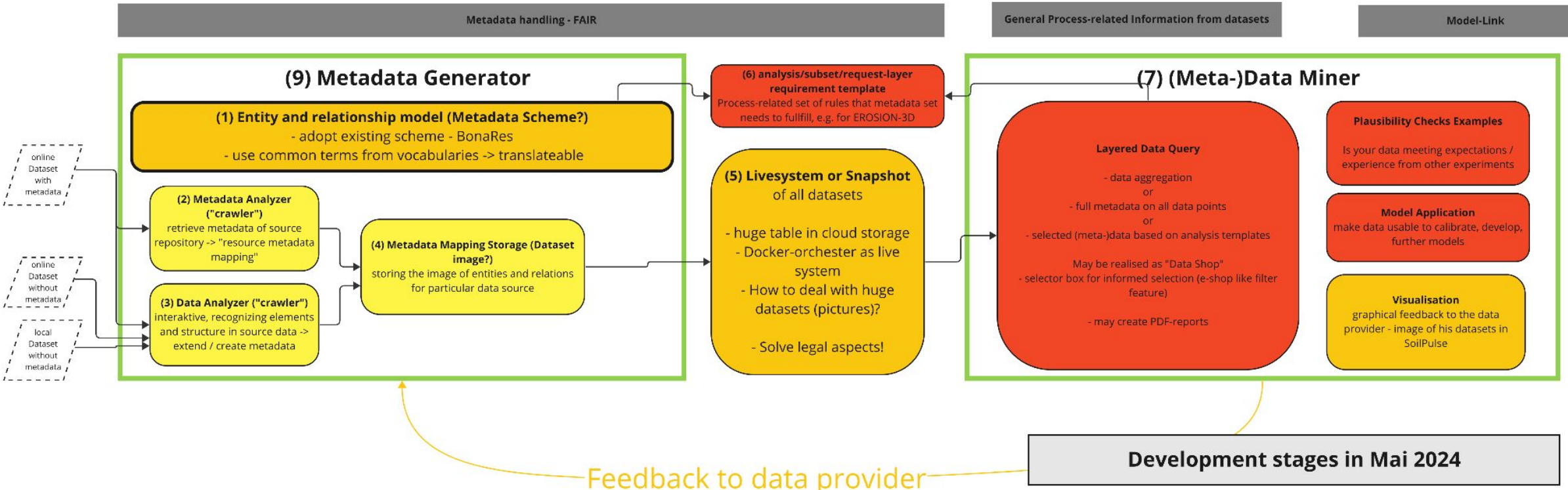
SoilPulse - Proposed integration in NFDI4Earth

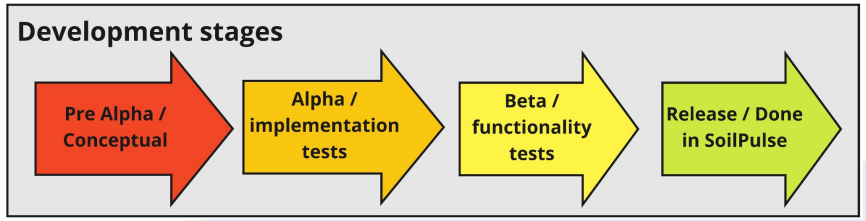


Jonas Lenz, Jan Devátý, Conrad Jackisch

Funded by DFG Deutsche Forschungsgemeinschaft German Research Foundation

SoilPulse - Development state

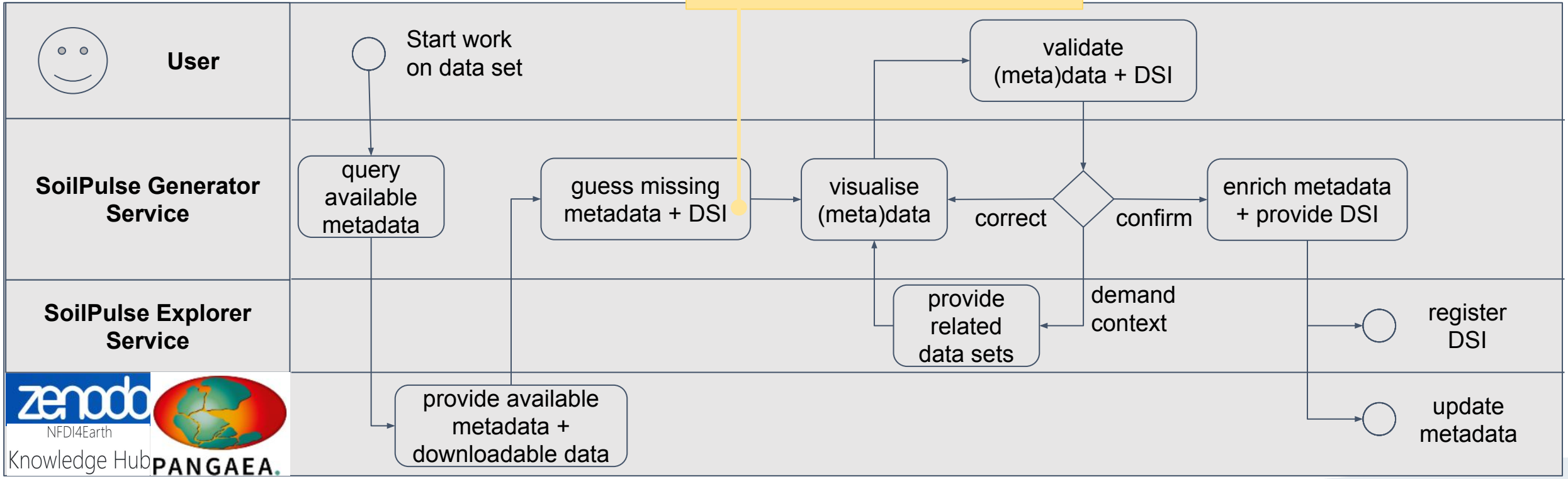




Funded by DFG Deutsche Forschungsgemeinschaft German Research Foundation

SoilPulse - Generator

DSI: dataset structure information - how the machine reads the data

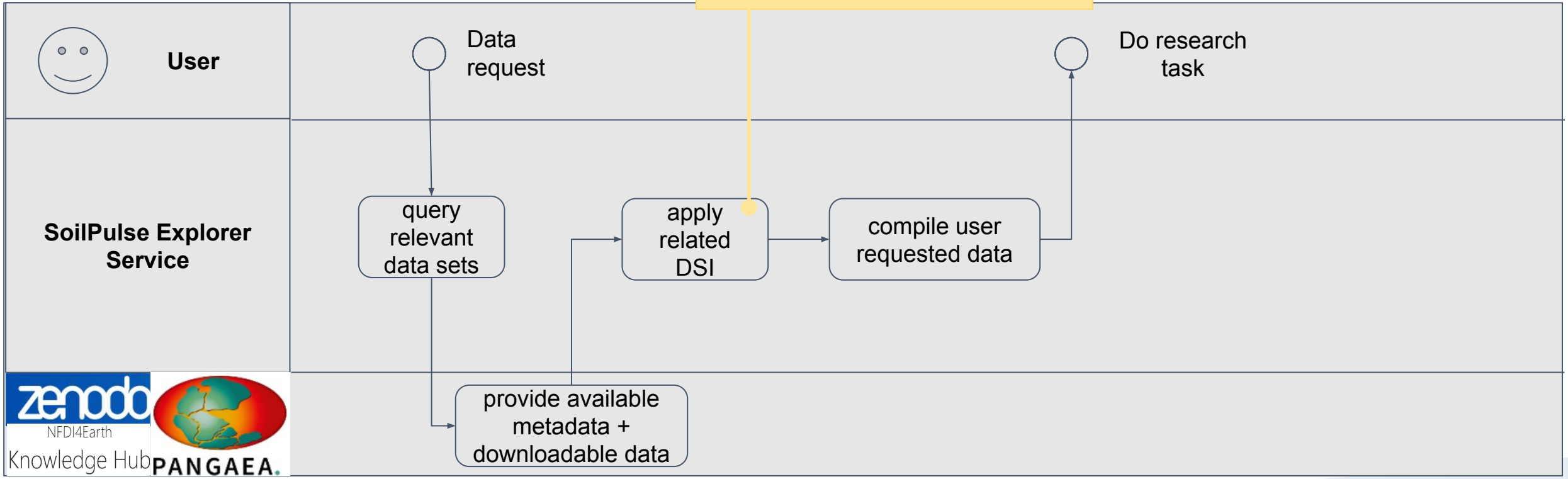


Jonas Lenz, Jan Devátý, Conrad Jackisch

Funded by DFG Deutsche Forschungsgemeinschaft German Research Foundation
NFDI4Earth
TU BERGAKADEMIE FREIBERG TUBAF Die Ressourcenuniversität. Seit 1765.
FACULTY OF CIVIL ENGINEERING CTU IN PRAGUE
IPROconsult

SoilPulse - Explorer

DSI: dataset structure information - how the machine reads the data



Funded by
DFG Deutsche Forschungsgemeinschaft German Research Foundation
NFDI4Earth
TU BERGAKADEMIE FREIBERG
TUBAF Die Ressourcenuniversität. Seit 1765.
FACULTY OF CIVIL ENGINEERING CTU IN PRAGUE
IPROconsult