

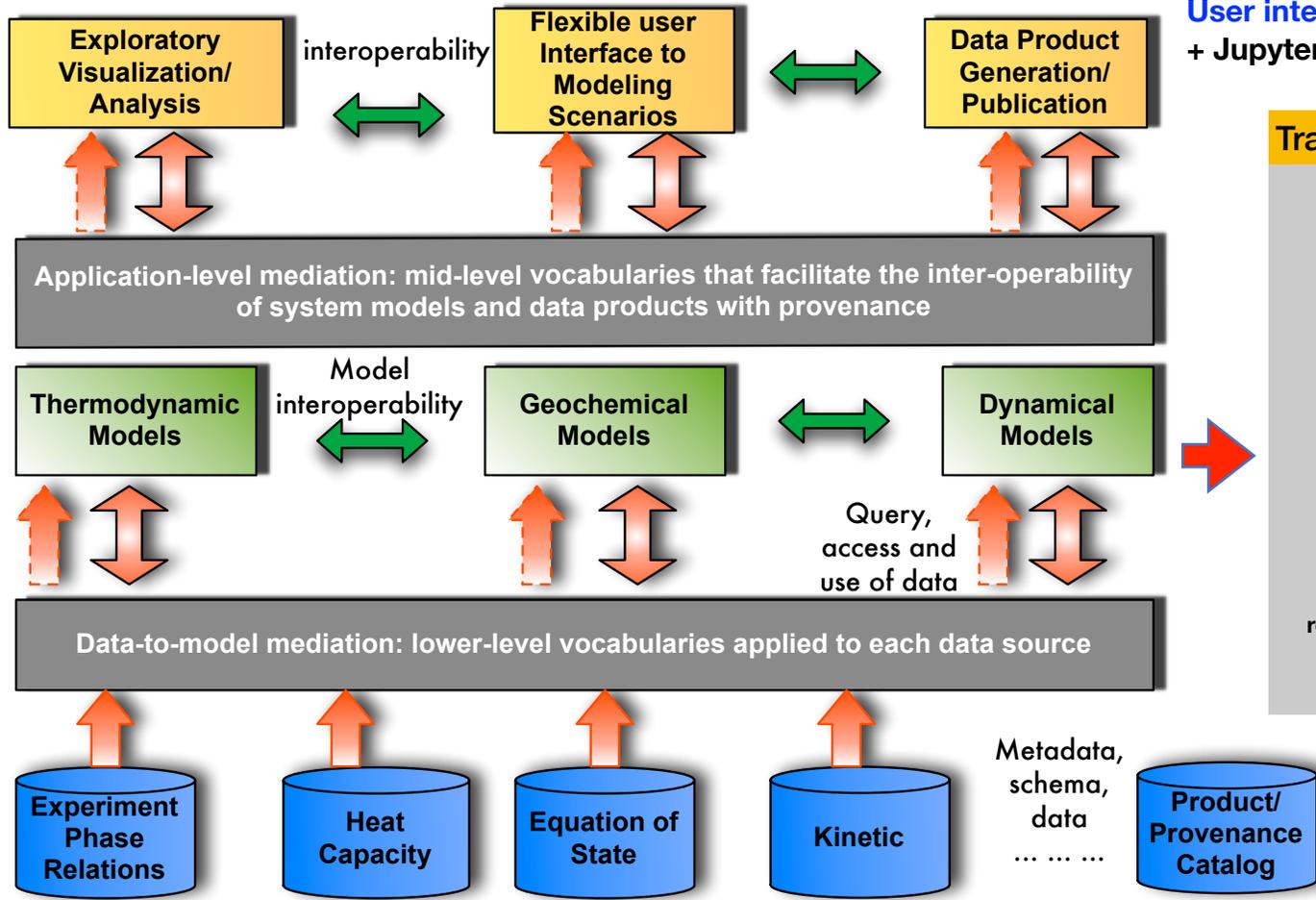


# SI<sup>2</sup>: Software infrastructure that **EN**ables **K**nowledge **I**ntegration for modeling coupled geochemical and geodynamical processes

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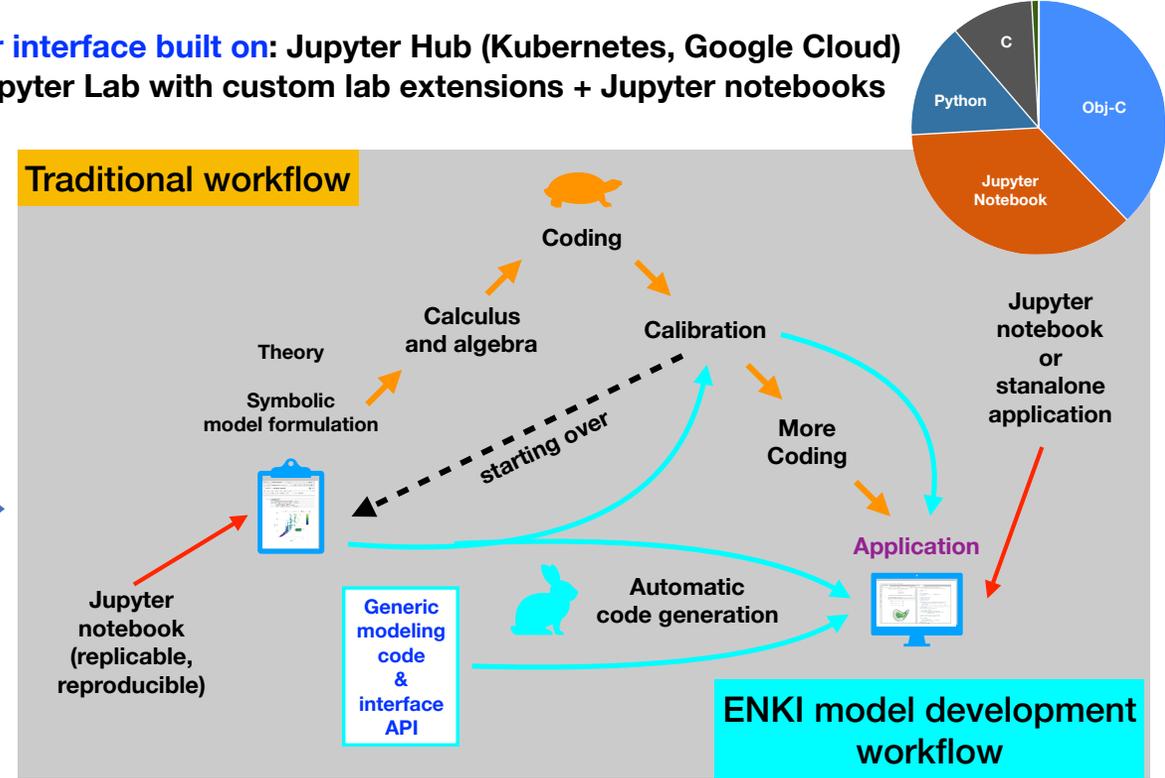
[enki-portal.org](http://enki-portal.org)

Award #: ACI-1550482



**Data repositories:** Support model calibration, expansion and testing

User interface built on: Jupyter Hub (Kubernetes, Google Cloud) + Jupyter Lab with custom lab extensions + Jupyter notebooks



The ENKI software ecosystem aims to provide:

- a central platform for access to models and data
- consistent and standardized APIs for coded models
- a mechanism for building model connections and complex model workflows
- a mechanism for documenting model development and model usage to address the goal of both replicable and reproducible science