FAIR Research Software framework

- FINDABLE:
  it is published in community registries
  such as https://research-software-directory.org/software/esmvaltool;

- ACCESSIBLE:
  it can be installed from Python package community distribution channels such as:
  - conda-forge
  - PyPI
  - and the open-source code is available on Zenodo with a DOI
  - and on GitHub

- INTEROPERABLE:
  it is based on standards: it works with data that follows CF Conventions
  and the Coupled Model Intercomparison Project (CMIP) Data Request,
  - its reusable recipes are written in YAML,
  - provenance is recorded in the W3C PROV format
  - it supports diagnostics written in a number of programming languages -
    - with Python and R being best supported
    - Julia too (but small number of diagnostics)
  - its source code follows the standards and best practices for the respective programming languages;

- REUSABLE:
  it provides a well documented recipe format and Python API that allow reusing previous analyses
  and building new analysis with previously developed components. Also, the software can be installed
  from conda-forge and DockerHub and can be tailored by installing from source from GitHub.