Work in progress

- Getting familiar with the platform and documentation

- Dummy test model and workflow (Pi computation)

- Run OpenMOLE as a model step

- Road network data preprocessing for MATSim (OS road data as input, spatialdata library simplification algorithm)

Encountered issues

- Problem with image upload (specific to chrome/MacOS?)

- Workflows with non valid metadata file for the visualization step loose it

- Iterator steps number can not be edited? / info not displayed

- Missing external identifier for visu step is not highlighted

- → Access to a tracking system would be useful

Useful enhancements from a beginner perspective

- Model / workflow suppression (e.g. error in model definition file)

- Model versioning (git integration?)

- Pull models from a docker hub

- Access to container files (to check source code of a model for example)

- Provide custom docker command / run options when building the workflow

- Log of workflow execution / error messages

- More step-by-step documentation (on model output e.g.)

- More control over computation environment

Next steps

- Running OpenMOLE

- Network simplification

- MATSim with synthetic networks

- MATSim with simplified network and synthetic population

- Embed SPENSER