



Product Information

As of 18.03.2026

DCS
COMPUTING



About the Platform

engicloud.ai - The ultimate python-based simulation platform for engineers & scientists.

These are core features and capabilities:

Access to more
than 40.000
executable models
& equations



Organize your
workflows in one
place



Collaborate within
your team



Create complex
python-based
workflows – with
coding or without



AI-driven workflow
generation



Access to
expert-created
workflows





Key Features & Functionalities

Calculators & Projects



With **engicloud.ai**, you can

- ... encapsulate python code.
- ... create re-usable models (calculators).
- ... combine calculators into workflows (projects).
- ... visualize results.

Physics-based modeling



With **engicloud.ai**, you can

- ... solve differential equations.
- ... solved coupled differential equations.
- ... use expert-created python models (calculators).
- ... choose from 40,000 synthetic models (calculators).

LLMs & APIs



With **engicloud.ai**, you can

- ... use an agentic AI assistant to create calculators.
- ... make live API calls to LLMs.
- ... extract material parameters via an LLM for later use.
- ... run locally trained ML models on a graphical canvas.



Key features & functionalities

APIs & Databases



With **engicloud.ai**, you can

- ... interact with spreadsheet / excel models.
- ... interact with databases from different sources.
- ... integrate existing internal knowledge.
- ... integrate complex models with with spreadsheet / excel.

Collaboration & Sharing



With **engicloud.ai**, you can

- ... create models others can use on graphical canvas.
- ... build private set of calculators and projects to share.
- ... build projects for collaborations across teams.

Complex Models

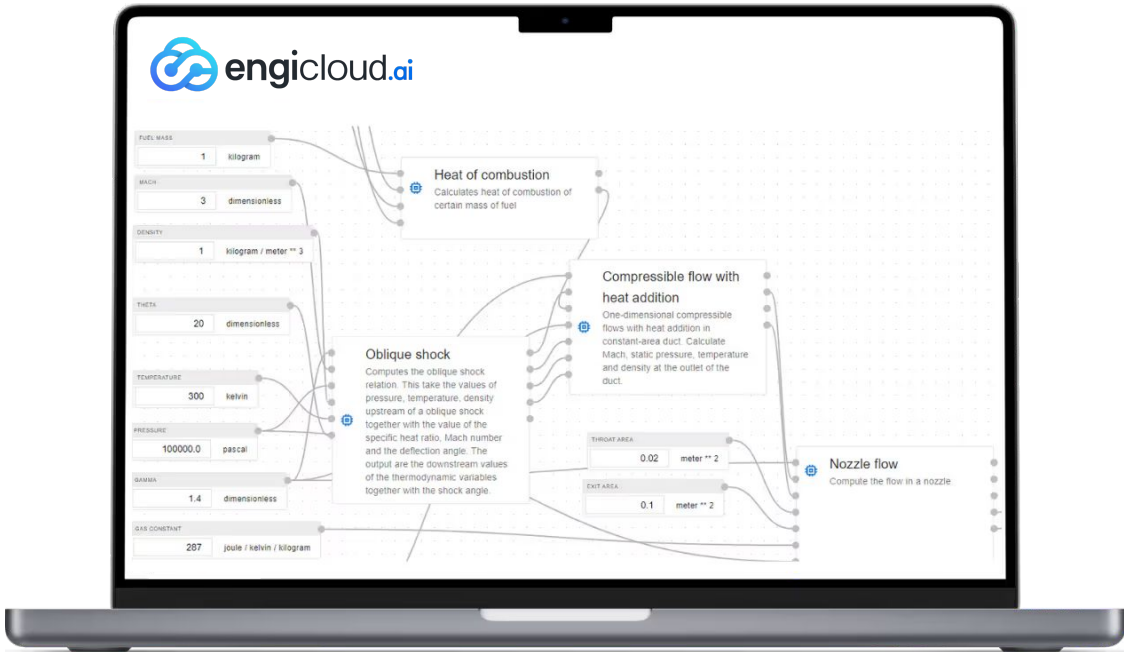


With **engicloud.ai**, you can

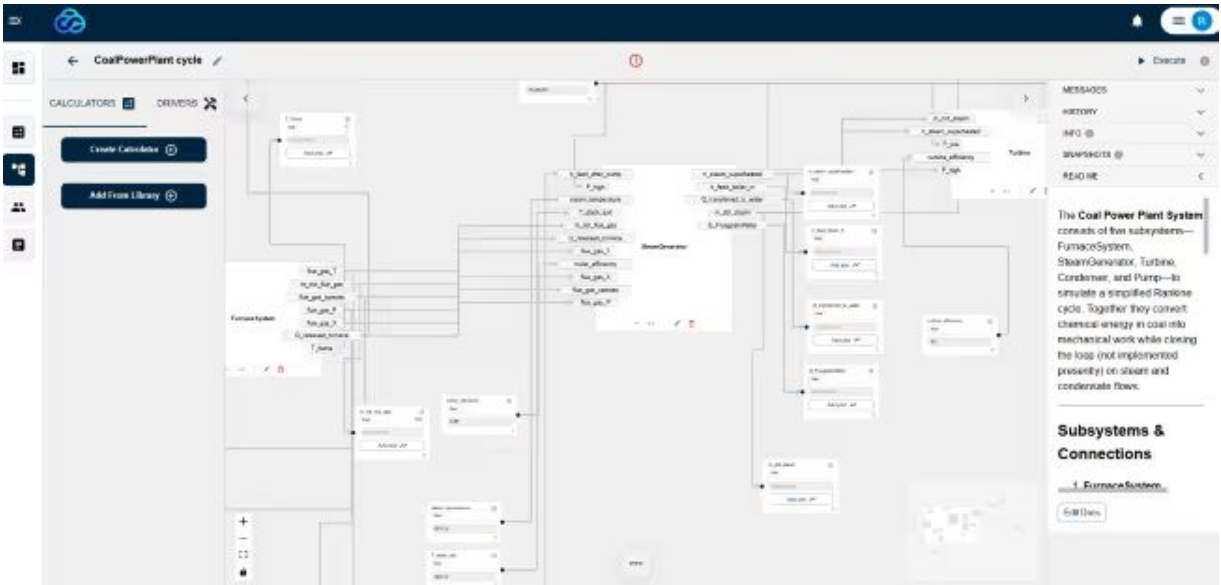
- ... build simple modeling workflows for a complex process.
- ... build complex modeling workflows for a complex process.
- ... build models trained on 3D simulation and experimental data.
- ... manage modeling complexity - from equation to product / process.



This is how your project on **engicloud.ai** could look like:



A complex workflow, consisting of several components, clearly visualized, and every component coming with its own documentation:





Explorer

- Create / edit calculators & projects publicly
- Create public teams & collaborate publicly
- Create & edit calculators & projects privately (max. 10)
- Semantic search
- 500 compute credits

**€ 29 monthly / € 299
yearly per user**



Pro

- Create / edit calculators & projects publicly
- Create public teams & collaborate publicly
- Create & edit calculators & projects privately (unlimited)
- Create / join 1 private team with up to 10 members
- Semantic search
- Paper-to-Equation assistant
- 2000 compute credits

**€ 99 monthly / € 999
yearly per user**



Academic

- Create / edit calculators & projects publicly
- Join public teams & collaborate publicly
- Semantic search
- 250 compute credits

free
(with academic email)



Enterprise

- Unlimited teams & collaborators
- Customization
- SLA for support
- Customer CPU time / no compute credit limitations

**individual pricing -
contact us for a quote**



engicloud.ai is continuously developing.

The following **features & topics** are on our roadmap for the near & intermediate future:

- Integration of a “project playground”: test workflows on the spot
- Unit handling: validation & consistency checks
- Full integration of graphs & extension of available types
- Graphical localization of error messages within workflows
- Introduction of circular input / output loops
- Nested calculators

- Turning the coding area into a full IDE including...
 - Built-in code formatting
 - Classical & LLM based debugging
 - Improved calculator testing
- Integration of user-feedback (content rating) and interest-based, AI-driven suggestions

The Platform





Calculators

Public calculators	Private calculators
Privately shared calculators	Curated calculators
Fork & modify calculators	Versioning

Projects

Public projects	Private projects
Privately shared projects	Curated projects / workflows
Fork & modify projects	

Input & Output

Numbers	Vectors / Arrays
Short strings	.csv files
Plots (output only)	

Drivers

Runge Kutta	Fixed point
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The following libraries and modules are available on **engicloud.ai**:

Standard libraries:

base64, collections, datetime, json, math, msal, random, re, requests, typing

Science / LLM libraries:

anthropic, astropy, biocrnpyler, biosteam, botorch, cantera, chaospy, chemicals, chemics, chemprop, cobra, CoolProp, datamol, deepchem, emcee, emmet, emukit, finquant, fluids, fpi, fused, geopandas, google, gpflow, gpflowopt, gpytorch, ht, iapws, idaes, joblib, keras, lmfit, mlflow, molfeat, mordred, mp_api, networkx, numpy, openai, openturns, optuna, pandas, parmed, phasepy, pinecone, pint, pvlib, pybamm, pycalphad, pyDOE3, pymatgen, pymc, pyomo, pysb, pysces, qsdsan, rdkit, roadrunner, scipy, sklearn, sympy, tellurium, tensorflow, thermo, thermopack, thermosteam, torchdrug, uncertainties