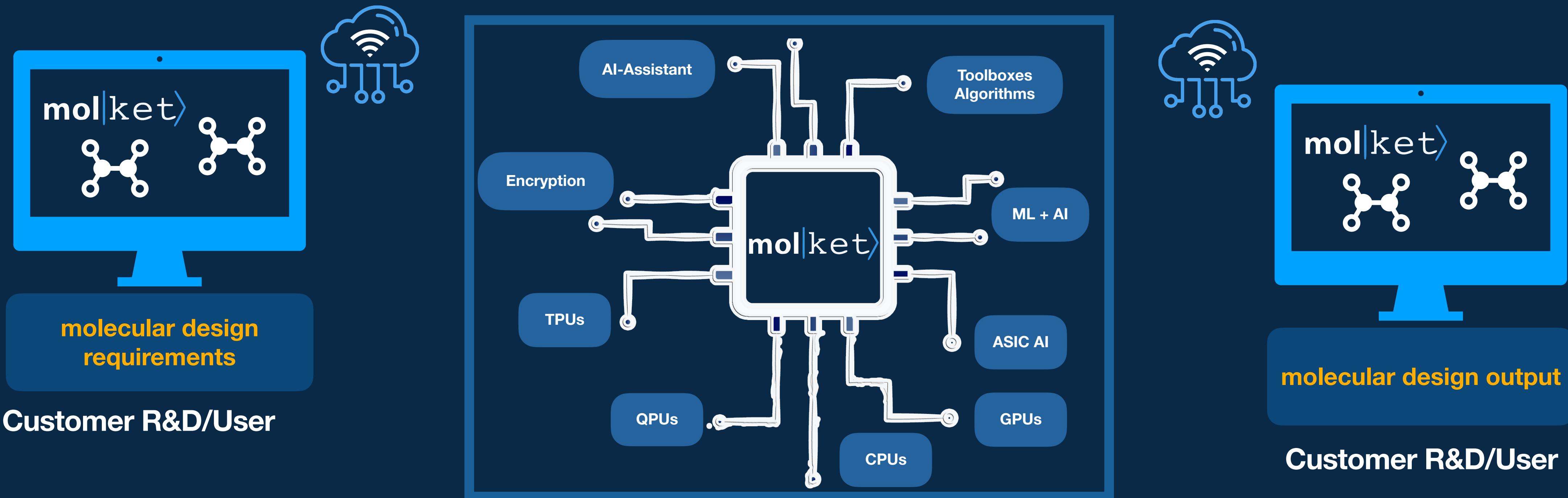




**A superposition of tech and service offerings!**

**Cloud-based Software with AI services and solutions for Molecular modeling & design  
using quantum & high performance computing**

# MolKit Cloud based software >



## Two cloud environments:

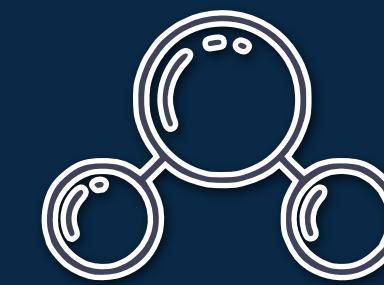
- 1- **MolKit**: Jupyter notebook-based environment.
- 2 - **MolKit studio**: (no-code) running molecular simulations.

# MolKet >



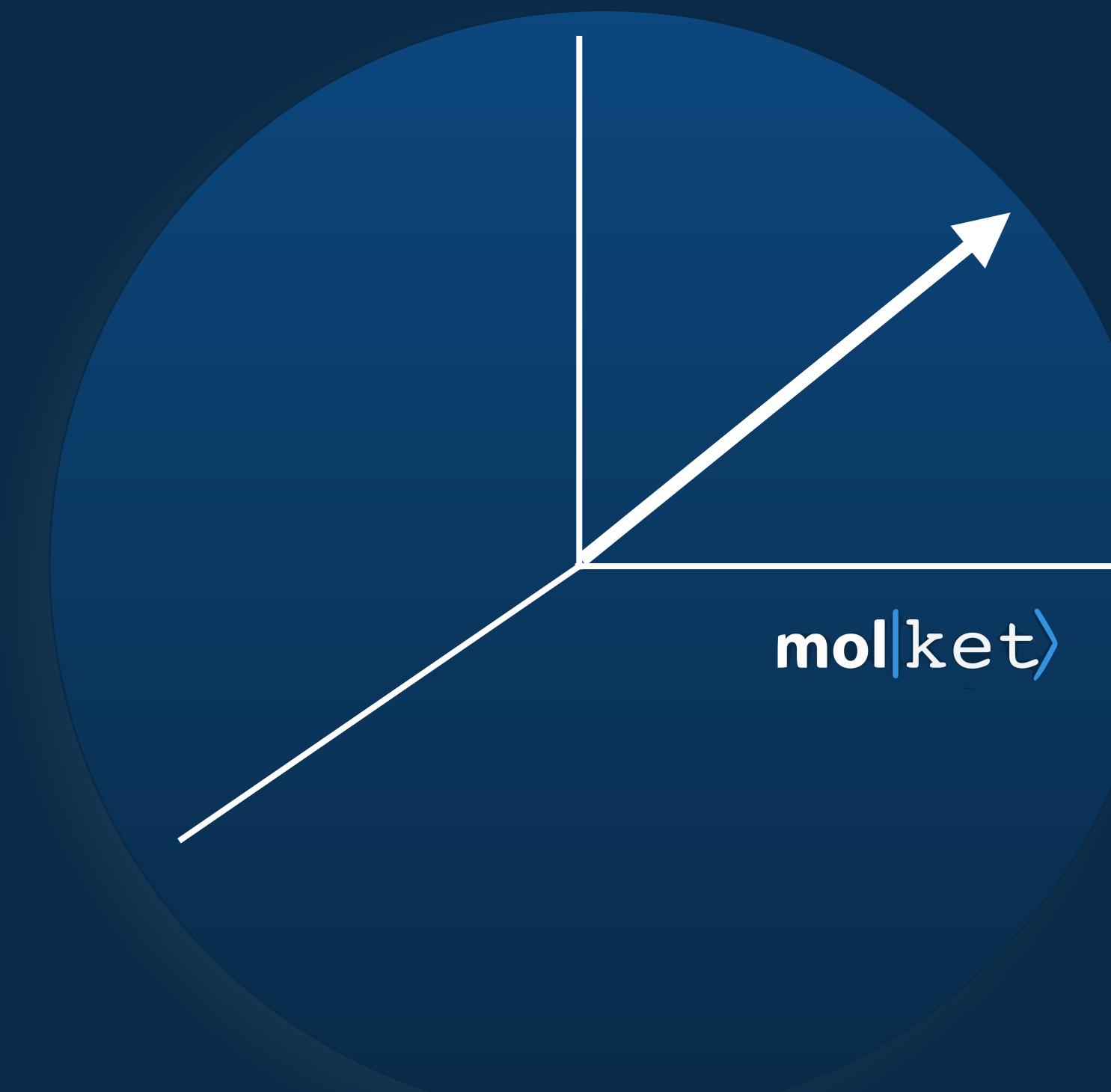
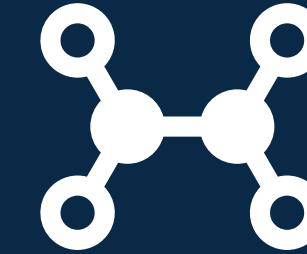
## Efficient algorithms QC/HPC >

Smart designs tailored to customer needs using HPC + quantum algorithms & simulations.



## Molecular modelling & design >

Chemical reactions, molecular qubits  
molecular collisions & interactions.



mol|ket

## Quantum molecular sensing & control >

Conceptual designs & simulations for quantum molecular sensors.



# | Offering >

We offer cloud-based software & services to design your molecular solution with AI-help:

## | Innovative algorithms >

**Algorithms, classical, quantum, hybrid & quantum inspired**

- Molecular & Material design
- Molecular simulations
- Optimisation
- Chemical reactions

## | Real-time simulations >

**Quantum molecular sensing & control  
Simulations & design**

- Vibration sensors
- Battery sensors
- Gyro sensors
- Energy sensors

## | Training & consultancy >

**Consulting, training, & mentoring**

- Problem formulation
- Knowledge transfer
- Customized trainings
- Workshops
- Quantum computing

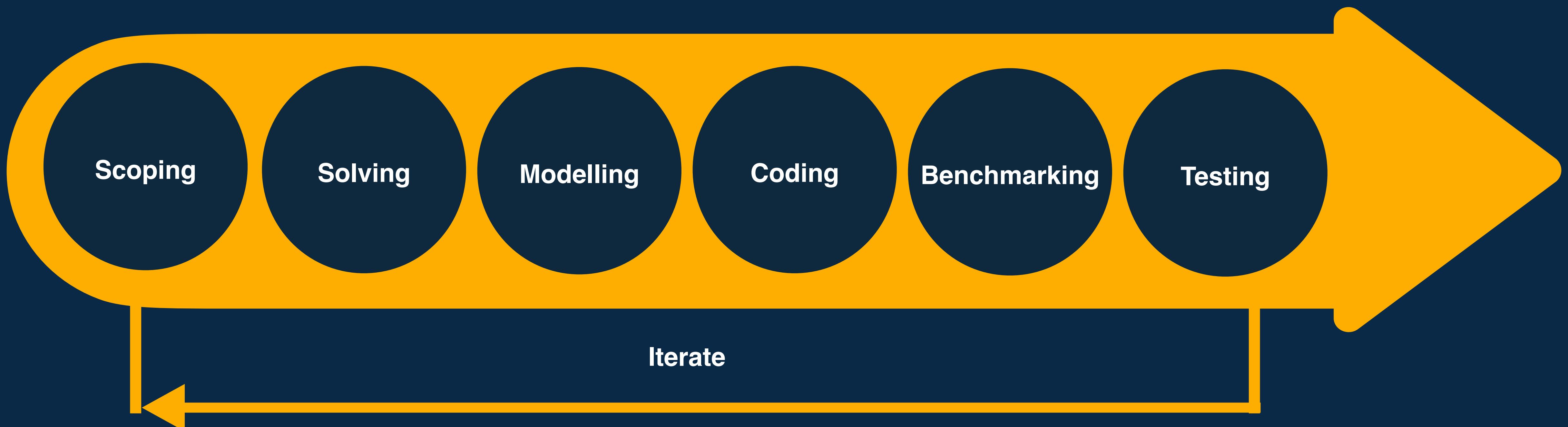
Chemical & material design, Energy, telecommunications, Cybersecurity, Astrophysics, Aerospace, Automotive, Pharmaceutical, & Personal care

All our software, codes, and scripts run on our secured hybrid computing clouds:

[www.molket.io](http://www.molket.io)

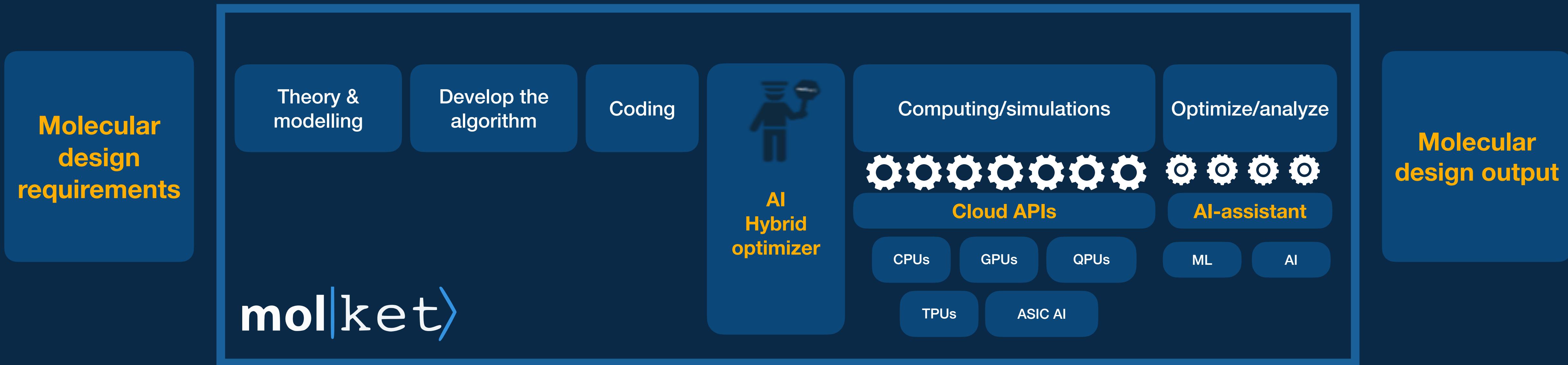
# | Our Methodology >

Six steps from the problem formulation to the solution:



# Execution >

Helping customers achieving their innovative molecular design



# | Founders >



**Taha Selim**

- Chief Executive Officer & co-founder, MolKit.
- Lead scientific team.
- Theoretical & computational quantum engineer.
- PhD candidate, Theoretical & Computational Chemistry, IMM, Radboud University Nijmegen, the Netherlands.
- M.Sc. of Quantum physics, Lasers, & Materials.
- B.Sc. of Physics & Mathematics with Electronics & Communication Engineering.
- Non-degree diploma in Business Administration & Economics.



tiselim



**Alain Chancé**

- Chief Business Officer & co-founder MolKit.
- Lead consulting & project management team.
- Technical manager with 30+ years in consultancy of technical solutions in major tech firms.
- Qiskit Advocate & IBM Certified Associate Developer.
- Expert in teaching, training, & knowledge transfer.
- Author of the book “Quantum Chemistry and Computing for the Curious: Illustrated with Python and Qiskit® code”.



alainchance

# | Reach us >

Contact us:

General inquiries: [contact@molket.io](mailto:contact@molket.io)

Business discussions: [business@molket.io](mailto:business@molket.io)

Website: [www.molket.io](http://www.molket.io)



molket