

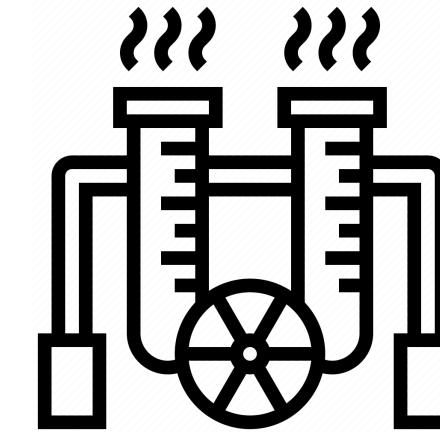


A superposition of tech and service offerings!

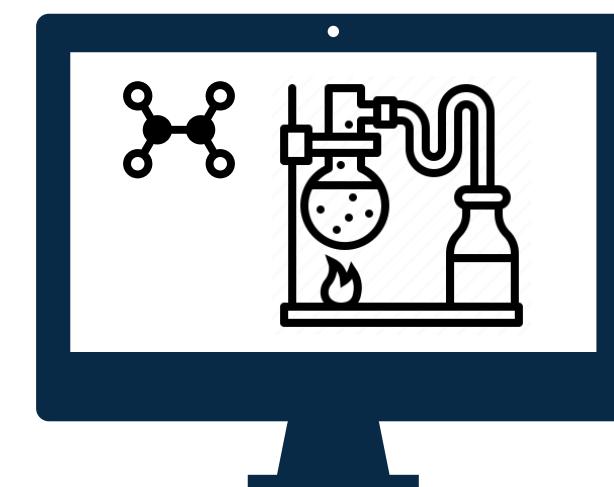
**Cloud-based Software with AI services and solutions for Molecular modeling & design
using quantum & high performance computing**

| The problem >

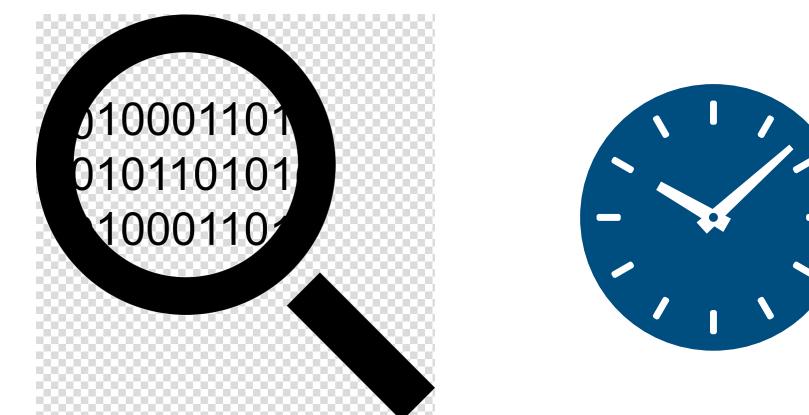
Chemistry & molecular design: Expensive R&D



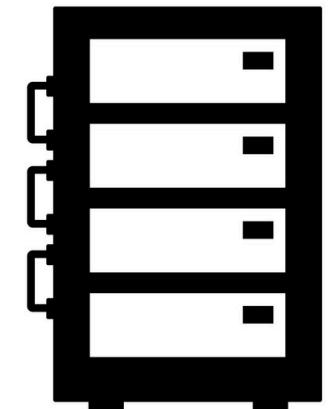
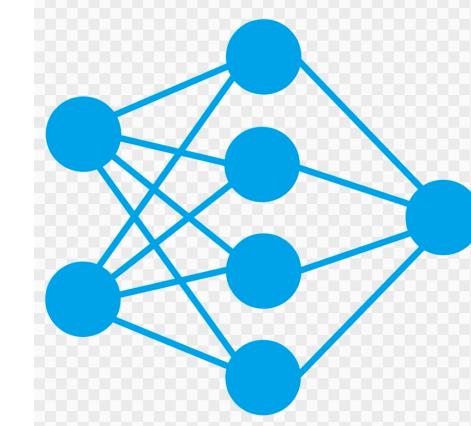
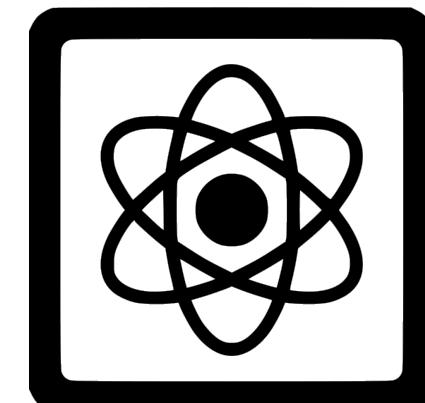
Digital design: saves substantial time + R&D cost



Chemistry simulations: accuracy vs. speed

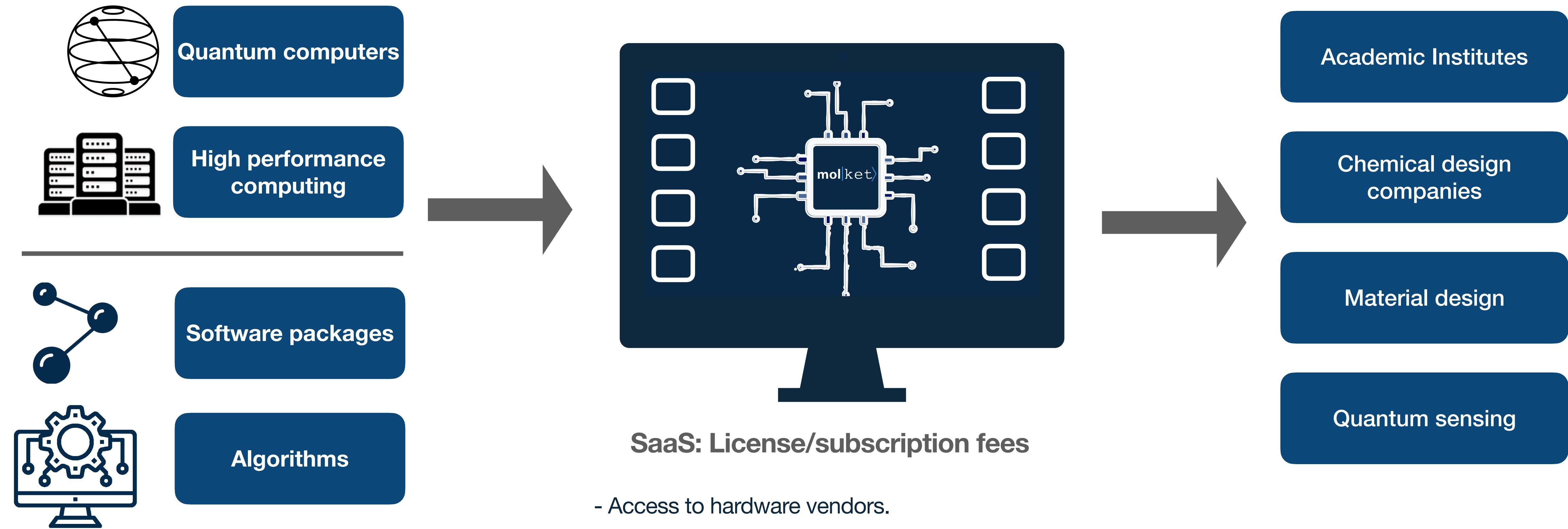


Solution: hybrid quantum/high performance computing + AI

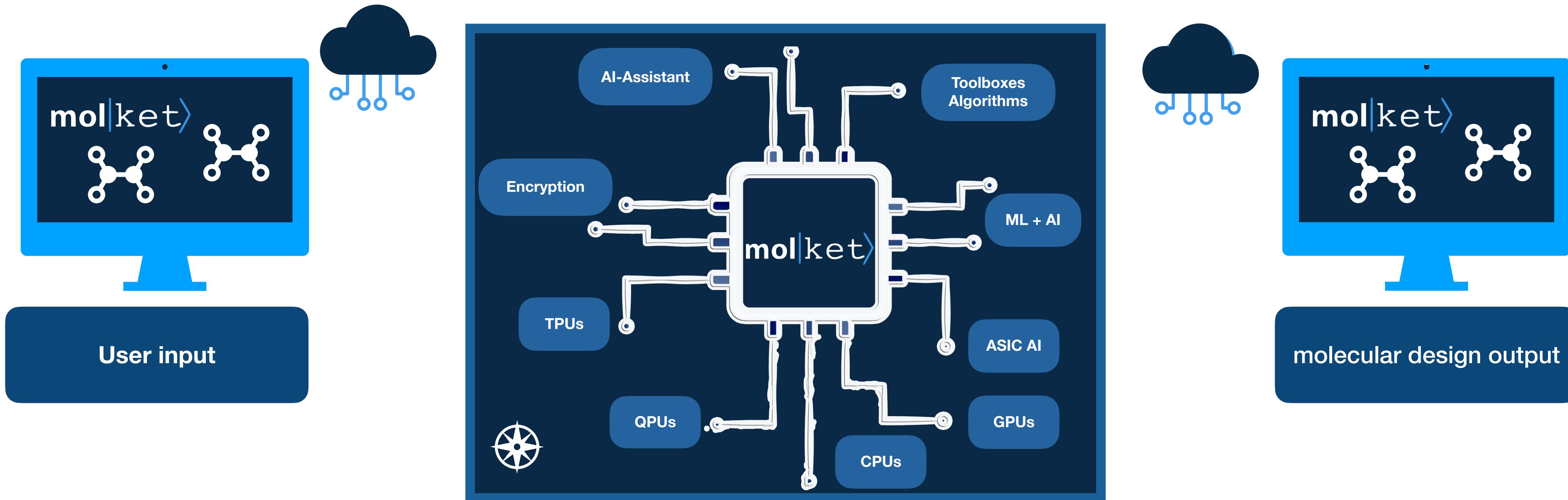


MolKit Cloud based software >

Fast molecular simulations in the clouding using a hybrid computing of major quantum computers and HPC, all in one place!

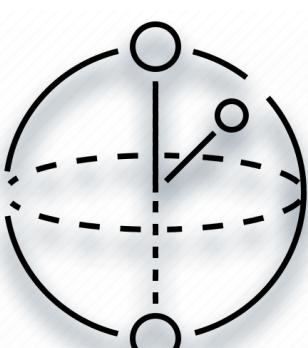


MolKit Cloud based software >



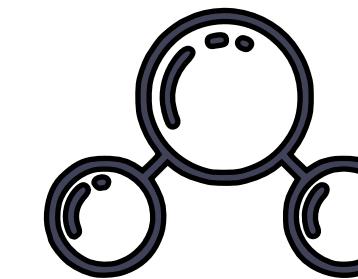
Two environments:

- **MolKit**: Jupyter notebook-based environment.
- **MolKit studio**: (non-code) design/experience.



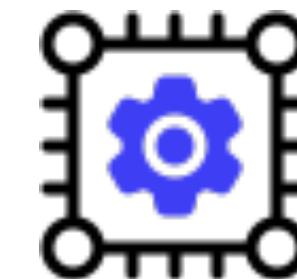
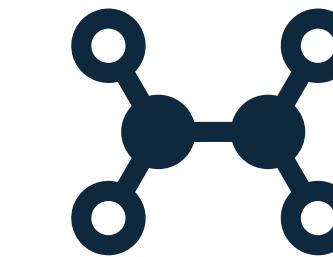
SaaS: License/subscription fees

MolKit complementary services >



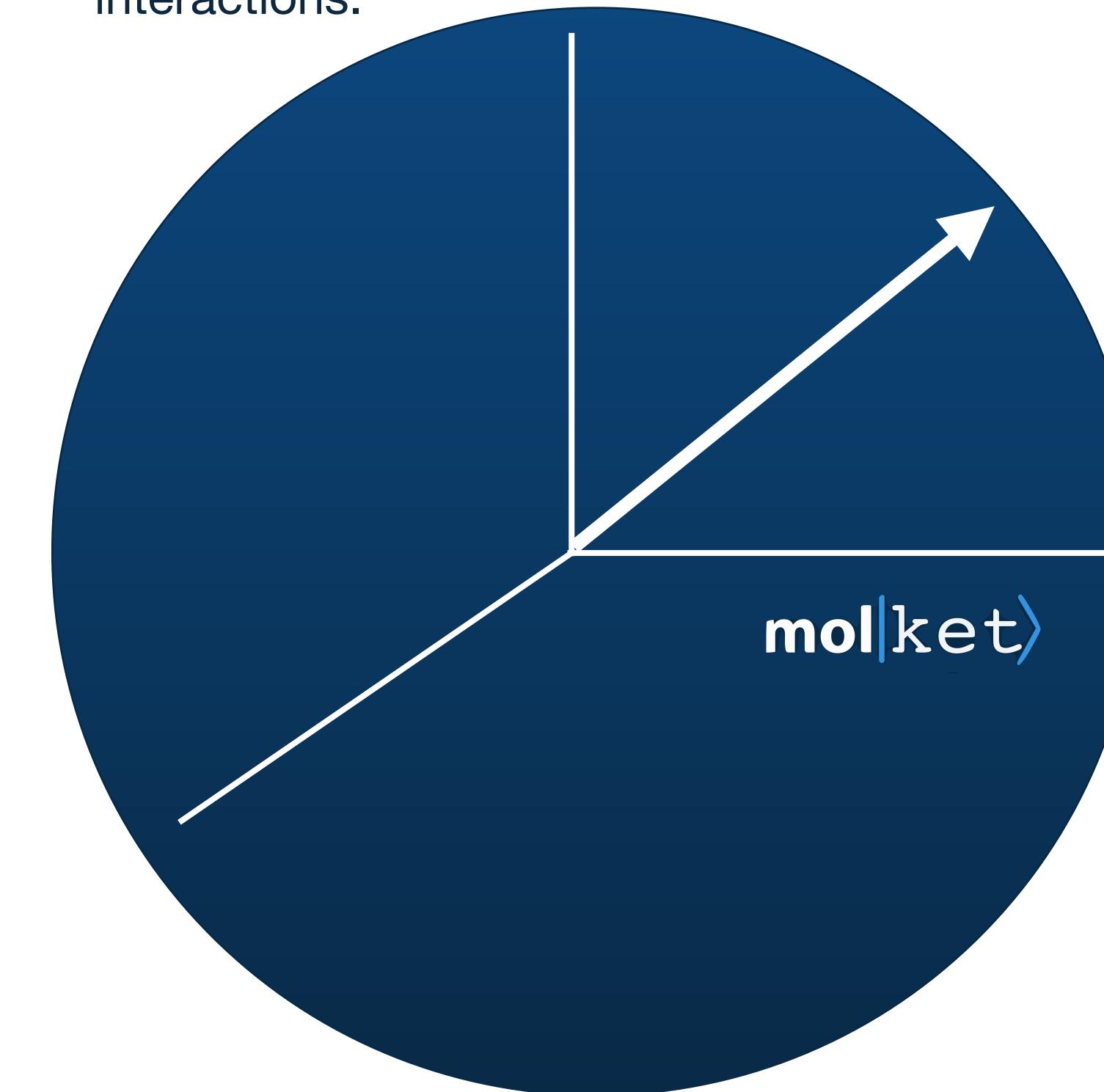
Molecular modelling & design >

Quantum dynamics: chemical reactions, molecular qubits, molecular collisions, & interactions.



Efficient algorithms QC/HPC >

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



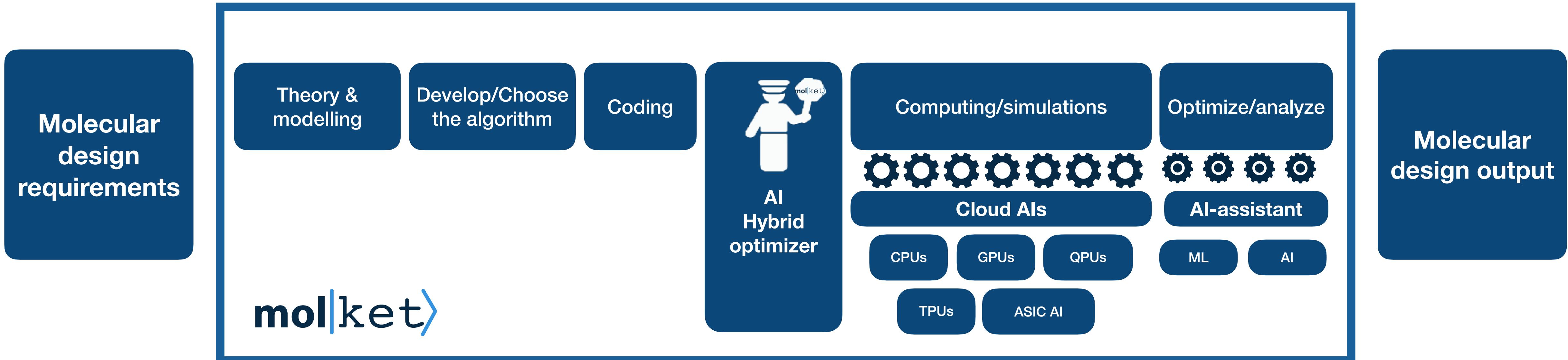
Quantum molecular sensing & control >

Conceptual designs & simulations for quantum molecular sensors.

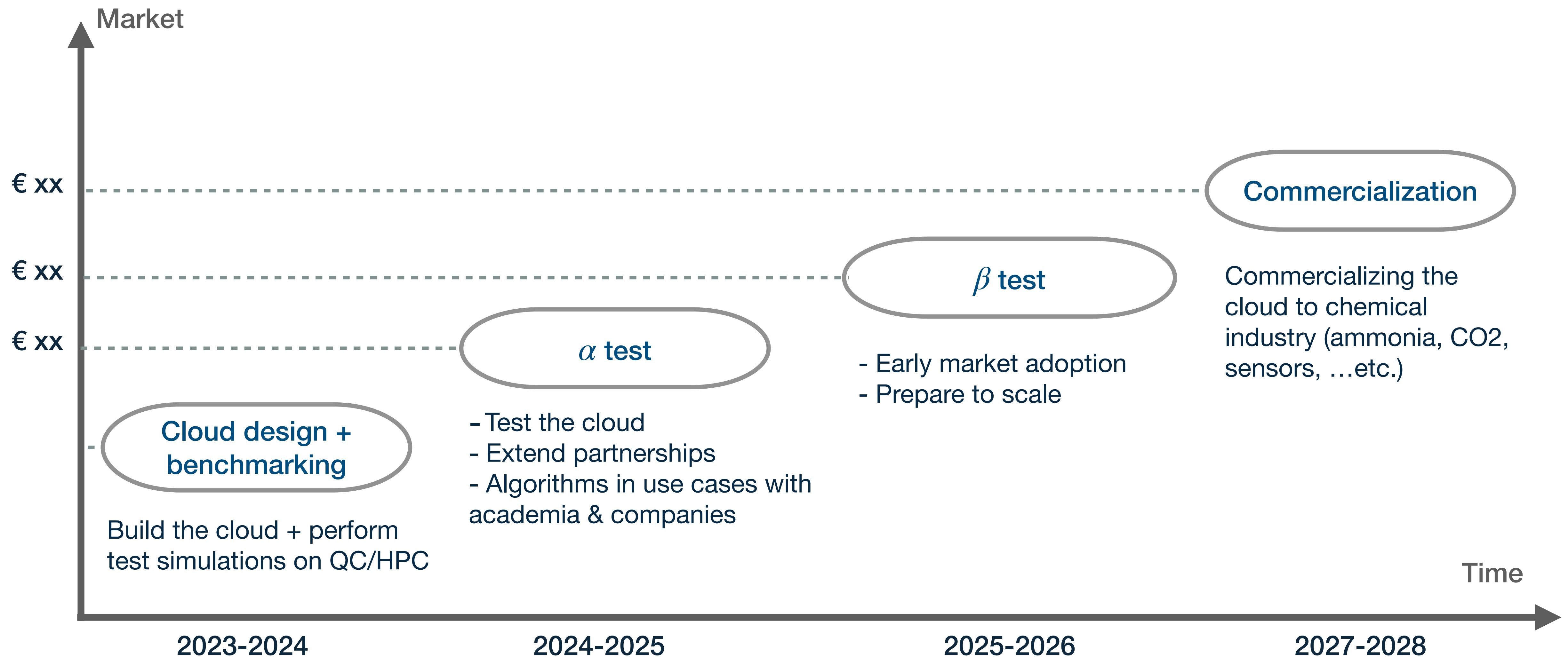


| MolKit's blueprint >

Helping customers achieving their innovative molecular design



Four stages to enter the market: cloud expands with time



MolKit's 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.



tiselim



Alain Chancé

- Chief Business & Marketing 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.
- Co-author of the book “Quantum Chemistry and Computing for the Curious: Illustrated with Python and Qiskit® code”.



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| Reach us >

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Users: molecular design & simulations in the cloud by using different algorithms and accessing major quantum computers and HPC, all in one place!

