Fully industrialized quantum processors

Quantum computers compatible with standard environment

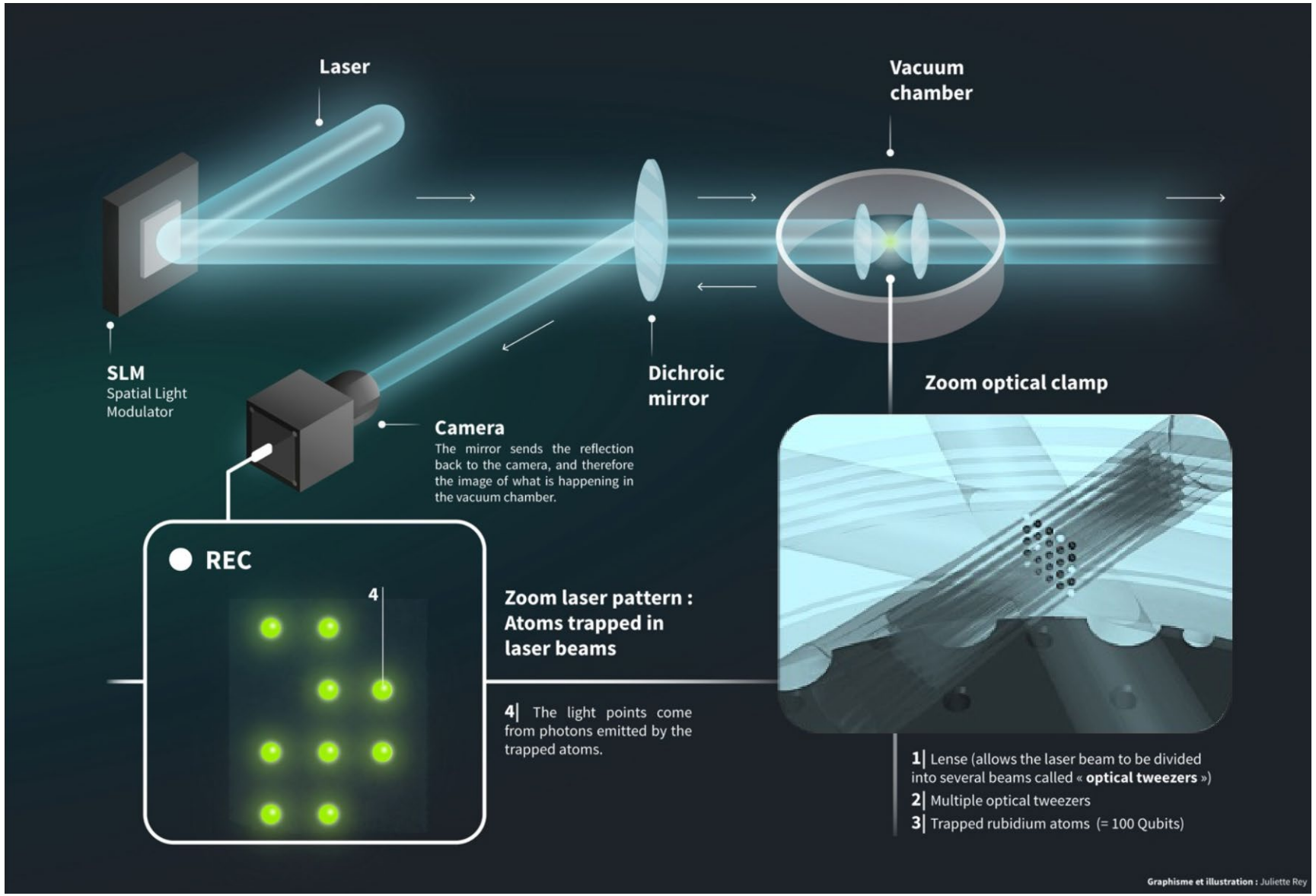
Setup at room temperature

Industrial off-the-shelf components

Low energy consumption (< 10 kW)

Not for redistribution by any means without prior written permission © 2023 PASQAL SAS

Neutral-atom technology to build scalable and flexible quantum processors



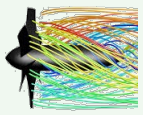
Not for redistribution by any means without prior written permission © 2023 PASQAL SAS

Full-stack offering

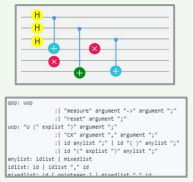
PASQAL **Our full-stack Quantum Computing solution**

Software & applications

Turn-key solutions



Coding environment



Middleware

HW-accelerated quantum libraries

- Machine Learning
- Optimization
- Differential Equations
- Simulation

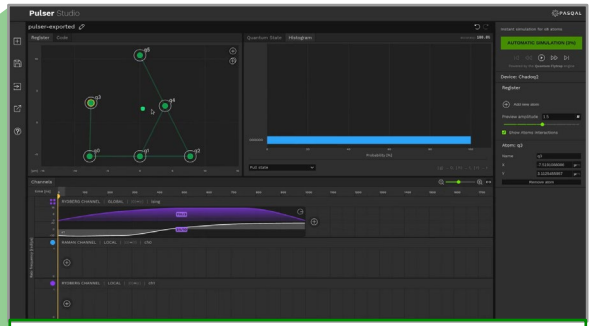
Hardware

Quantum HW

- Quantum Registers
- Electronics
- Laser and Optical Control
- Room temp. ultra-high vacuum

Our customers & end-users

أرامكو السعودية saudi aramco · EDF · BASF We create chemistry · AIRBUS · THALES



(Example offering) Pulser studio:
No-code approach to allow engineers and scientists to learn about **quantum algorithms** on neutral atoms and explore their potential

Quantum Processor:
Optical tweezers to control neutral atoms and engineer full-stack processors with high connectivity and scalability

Not for redistribution by any means without prior written permission © 2023 PASQAL SAS