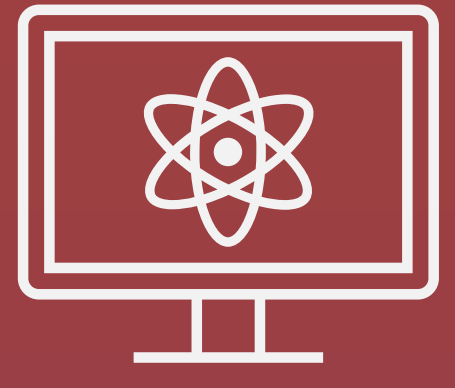




### COURSE



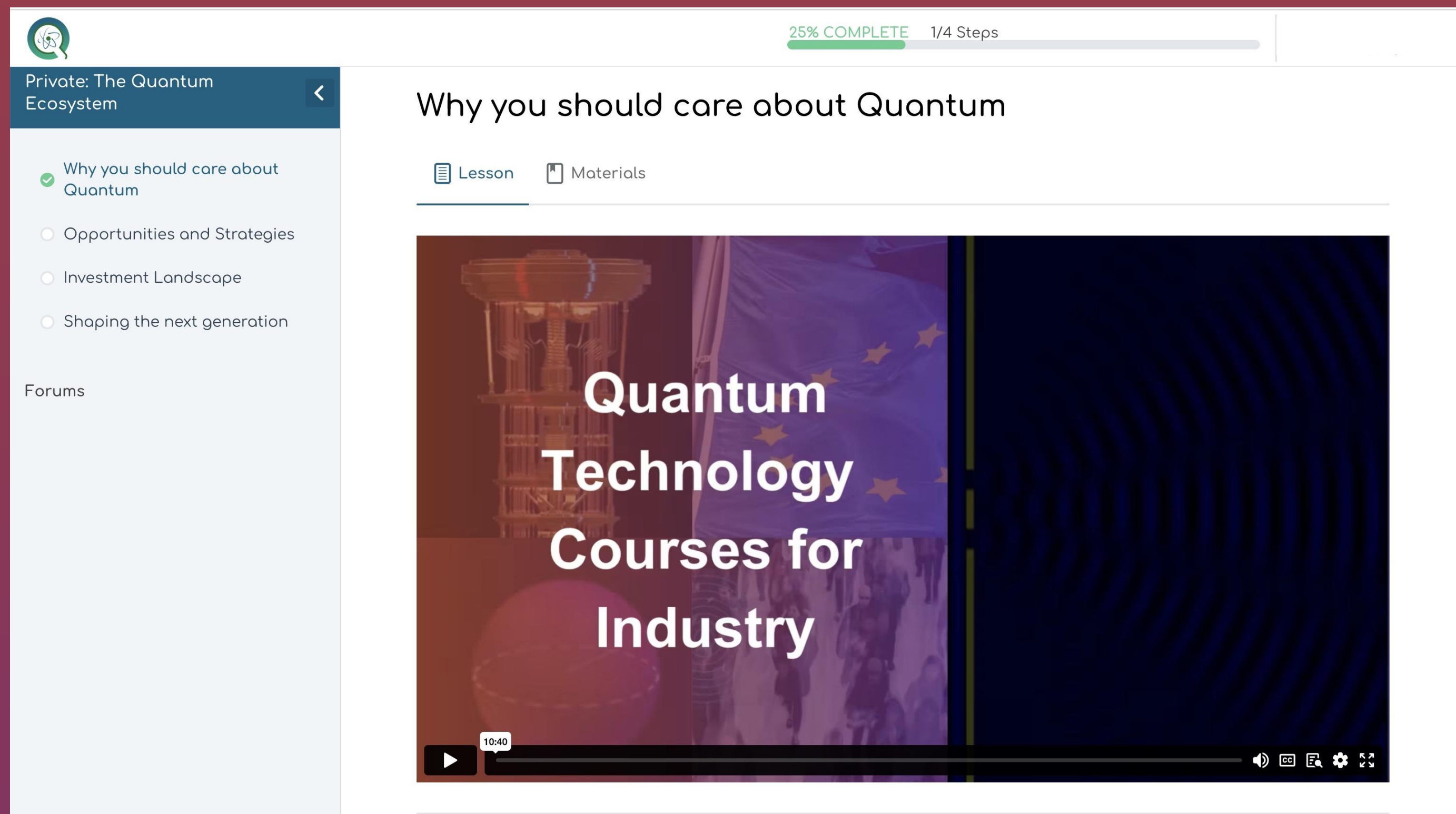
## Quantum Machine Learning (QML)

### MODULE

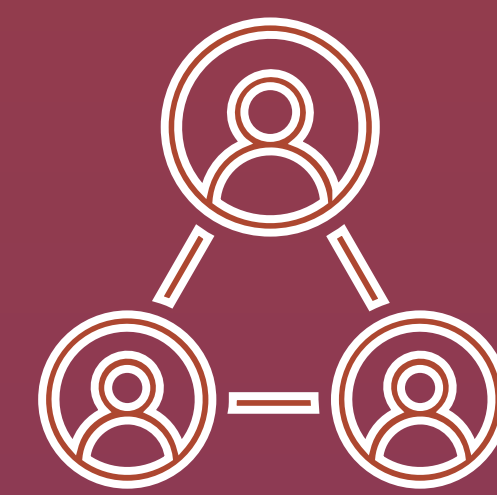
## Introduction to the Quantum Ecosystem



### SHOWCASE



### AUDIENCE



QML: Data Science, Engineers and Computer Science professionals

Ecosystem: All Audiences

### LEARNING OUTCOMES

#### Course on Quantum Machine Learning:

- Understand the foundational principles of quantum computing and their relevance to machine learning
- Develop the ability to implement and simulate quantum machine learning algorithms to solve real-world problems.
- Gain hands-on experience with quantum computing platforms and tools

#### Module on Quantum Ecosystem:

- Assess the investment landscape of the quantum industry, including startups, venture capital, and key players
- Understand the differences between classical and quantum computers abilities
- Identify and articulate the potential applications and opportunities for quantum computing computer

### DESCRIPTION

#### Course on Quantum Machine Learning:

An exploration of Quantum Machine Learning (QML), offering a foundational understanding of its principles and applications, insights into the transformative potential, and strategic significance of this emerging field.

#### Module on Quantum Ecosystem:

An overview of the ecosystem being built around quantum computing, providing a solid foundation to understand the potential, opportunities, and strategies surrounding quantum technologies.

### INSTRUCTOR



Dr. Araceli Venegas-Gomez  
& QURECA SPAIN Team

### DURATION



QML: 10-12 h

Quantum Ecosystem: 1 h