

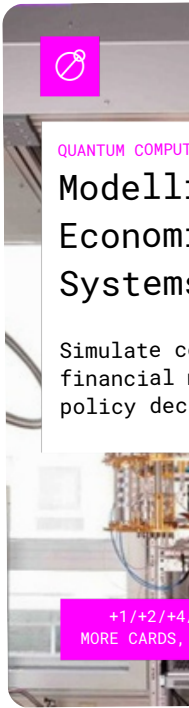
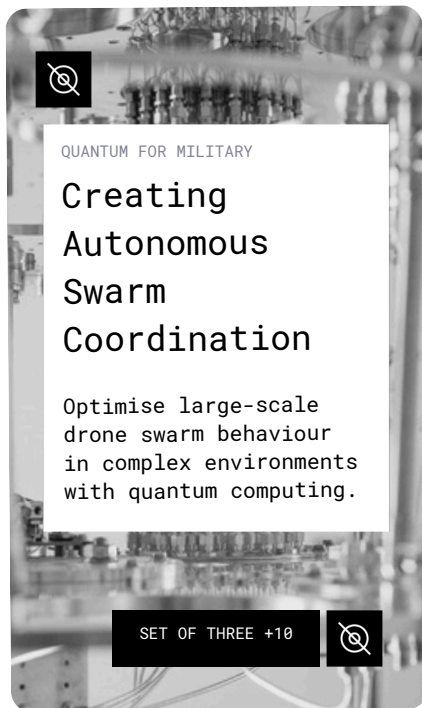
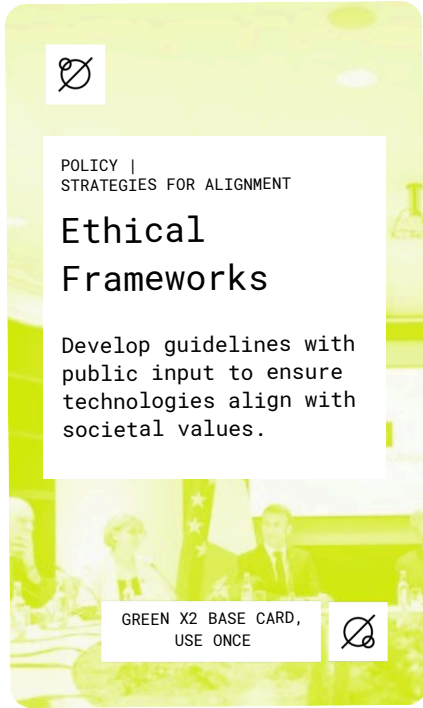
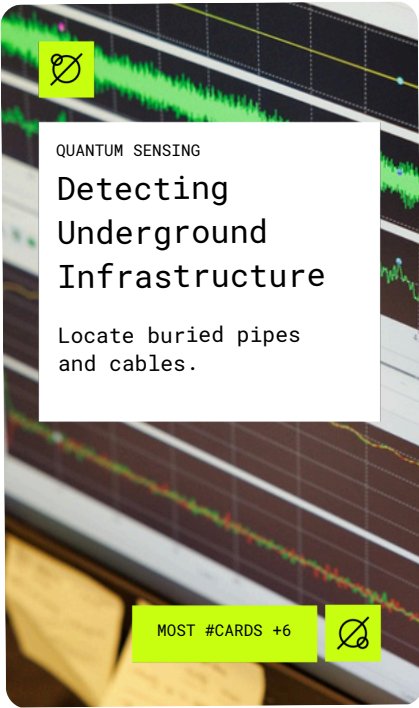
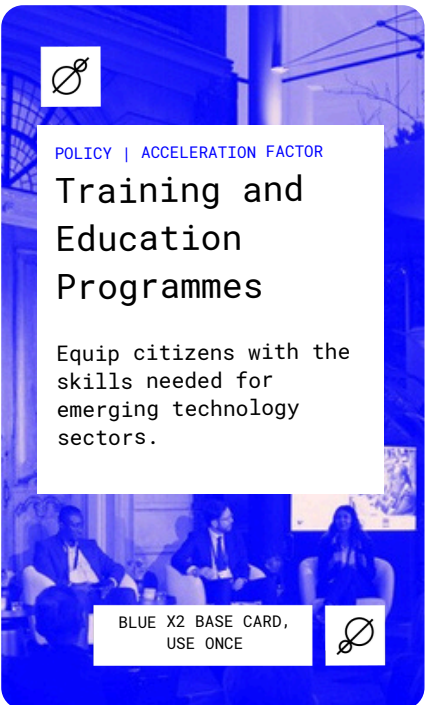
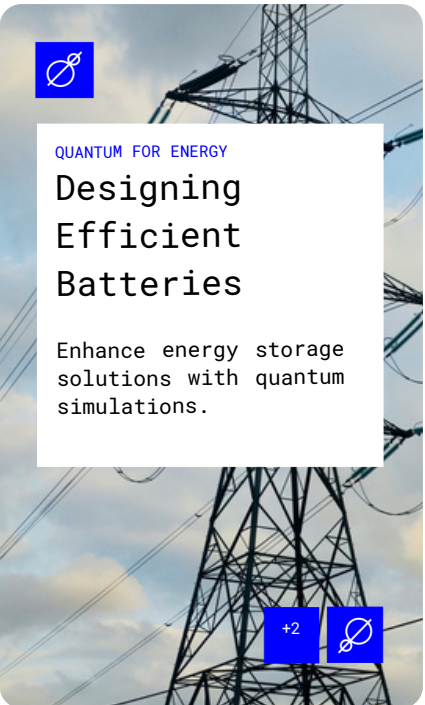
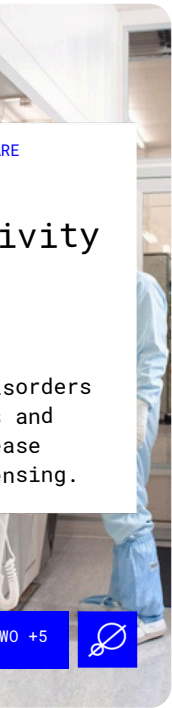
STEP INTO 2050 AND NAVIGATE THE FAST-MOVING
FRONTIER OF QUANTUM TECHNOLOGIES.

QUANTUM FUTURES GAME

GAME CARDS

A3 PDF

PRINT & PLAY





POLICY | ACCELERATION FACTOR

Training and Education Programmes

Equip citizens with the skills needed for emerging technology sectors.

BLUE X2 BASE CARD,
USE ONCE



POLICY | ACCELERATION FACTOR

Pilot Projects and Sandboxes

Allow innovators to test technologies in real-world scenarios.

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QUANTUM FOR ENERGY

Designing Efficient Batteries

Enhance energy storage solutions with quantum simulations.

+2



QUANTUM FOR ENERGY

Optimising Solar-Wind-Hydro Networks

Reduce energy storing costs and increase renewable energy utilisation.

+2



QUANTUM FOR ENERGY

Enhancing Hydrogen Production

Develop efficient methods for hydrogen generation and storage.

+2



QUANTUM FOR ENERGY

Optimising Placement of Wind Turbines

Create more efficient windfarm layouts and maximise energy production from wind power with quantum algorithms.

+2



QUANTUM FOR ENERGY

Optimising Autonomous Vehicle Charge Schedules

Consider electrical vehicle factors as available solar power, energy prices and grid capacity.

+2



QUANTUM FOR WATER MANAGEMENT

Improving Clean Water Technologies

Develop advanced water purification methods with quantum simulations.

+3



QUANTUM FOR WATER MANAGEMENT

Monitoring of Groundwater

Measure underground water levels and flow patterns with quantum gravity sensors.

+3



QUANTUM FOR ENERGY

Designing Efficient Solar Cells

Develop better methods to produce electricity from solar radiation called photovoltaics, with quantum simulations.

+2



QUANTUM FOR ENERGY

Optimising Energy Grids

Predict and manage energy demand with quantum algorithms.

+2



QUANTUM FOR ENERGY

Improving Carbon Capture

Develop new catalysts for carbon capture with quantum computing.

+2



QUANTUM FOR ENERGY

Improving Waste Management Efficiency

Optimise recycling processes with quantum-powered sorting systems.

+2



QUANTUM FOR ENERGY

Developing Catalysts for Direct Methane Conversion

Convert Methane into usable fuels reducing fossil fuel dependency.

+2



QUANTUM FOR WATER MANAGEMENT

Improving Marine Research

Study underwater ecosystems and ocean currents with quantum-enhanced acoustic sensors.

+3



QUANTUM FOR WATER MANAGEMENT

Optimising Waste Water Treatment

Achieve precise and sensitive water quality monitoring with Quantum Magnetomechanical Water Sensors (QMWS).

+3



QUANTUM FOR INFRASTRUCTURE

Encrypting Sensitive Data

Protect strategic or privacy-sensitive data with Post Quantum Cryptography (PQC) and Quantum Key Distribution (QKD).

+1



QUANTUM FOR INFRASTRUCTURE

Optimising Disaster Response

Enhance Earth observation with quantum-powered satellite systems.

+1



QUANTUM FOR INFRASTRUCTURE

Managing Public Infrastructure

Optimise urban planning and public service delivery with quantum computing.

+1



QUANTUM FOR INFRASTRUCTURE

Optimising Traffic

Reduce congestion through real-time traffic flow analysis with quantum computing.

+1



QUANTUM FOR INFRASTRUCTURE

Managing Resources

Optimise resource allocation in complex industrial processes using quantum computing.

+1





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Quantum Sensing card titled "Protecting Critical Infrastructure". The card features a blue header with a quantum symbol icon and the text "QUANTUM FOR INFRASTRUCTURE". The main title is "Protecting Critical Infrastructure". The description reads: "Secure critical systems with Quantum Key Distribution (QKD)". The card has a blue "+1" icon and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Predicting Epileptic Seizures". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Predicting Epileptic Seizures". The description reads: "Detect subtle brain signals with quantum-enhanced systems." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Photosynthesis Research". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Photosynthesis Research". The description reads: "Measure light absorption in plant chloroplasts precisely." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Optimising Nuclear Energy". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Optimising Nuclear Energy". The description reads: "Monitor radiation levels and reactor conditions accurately." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Advancing Microscopy". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Advancing Microscopy". The description reads: "Use diamond centers for sub-nanometer imaging of materials." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Imaging Nanoscale Magnetics". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Imaging Nanoscale Magnetics". The description reads: "Map atomic-level magnetic fields in data storage devices." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Nano-Level Thermal Mapping". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Nano-Level Thermal Mapping". The description reads: "Sense temperature variations in miniature electronic components and live cells." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Detecting Underground Infrastructure". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Detecting Underground Infrastructure". The description reads: "Locate buried pipes and cables." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Submarine Navigation". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Submarine Navigation". The description reads: "Create long-term accuracy without Global Positioning Systems (GPS)." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Wildlife Tracking". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Wildlife Tracking". The description reads: "Monitor animal movements and their behaviours." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Land Management". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Land Management". The description reads: "Assess soil health and optimise agricultural practices." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Detecting Semiconductors Defects". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Detecting Semiconductors Defects". The description reads: "Identify and characterise imperfections in microchip structures." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Lab-on-a-Chip Devices". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Lab-on-a-Chip Devices". The description reads: "Enrich chemical and biological analysis via microfluidic devices." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Enhancing Quantum Computing". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Enhancing Quantum Computing". The description reads: "Measure and control qubit states with high precision." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Detecting Heat Loss". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Detecting Heat Loss". The description reads: "Increase energy efficiency in buildings and industrial processes." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Discovering New Oil Reserves". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Discovering New Oil Reserves". The description reads: "Enhance geological surveys for resource exploration." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Improving Industrial Monitoring". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Improving Industrial Monitoring". The description reads: "Assess structural integrity of bridges, pipelines, or buildings by detecting equipment faults and optimising maintenance schedules." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Measuring Air Quality". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Measuring Air Quality". The description reads: "Enhance pollutant detection for cleaner environments." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Using Healthcare Digital Twins". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Using Healthcare Digital Twins". The description reads: "Create accurate virtual models of biological systems providing accurate real-time data." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Optimising Traffic Flow". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Optimising Traffic Flow". The description reads: "Measure acceleration and rotation for autonomous navigation." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

Quantum Sensing card titled "Enhancing Lightning Technologies". The card features a yellow header with a quantum symbol icon and the text "QUANTUM SENSING". The main title is "Enhancing Lightning Technologies". The description reads: "Improve efficiency and colour quality for home, commercial and industrial lightning." The card has a yellow "MOST #CARDS +6" label and a quantum symbol icon in the bottom right corner.

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QUANTUM SENSING

Detecting Exoplanets

Identify distant planets and their atmospheres.

MOST #CARDS +6







QUANTUM SENSING

Detecting Gravitational Waves

Observe ripples in spacetime for astrophysics research.

MOST #CARDS +6







QUANTUM SENSING

Detecting Dark Matter

Search for weak interactions of dark matter particles.

MOST #CARDS +6







QUANTUM SENSING

Improving Aircraft Navigation

Augment Global Positioning Systems (GPS) for higher location precision.

MOST #CARDS +6







QUANTUM SENSING

Improving Climate Data Collection

Track ice-sheet movement and sea-level changes.

MOST #CARDS +6







QUANTUM SENSING

Improving Space Weather Forecasting

Monitor magnetic fields and solar activity from Earth's orbit.

MOST #CARDS +6






POLICY | STRATEGIES FOR ALIGNMENT

Ethical Frameworks

Develop guidelines with public input to ensure technologies align with societal values.

GREEN X2 BASE CARD, USE ONCE





POLICY | COLLABORATIONS

Public-Private Collaborations

Co-develop technology roadmaps that balance innovation with public interest.

PINK X2 BASE CARD, USE ONCE





POLICY | COLLABORATIONS

Public-Stakeholder Collaborations

Co-develop technology roadmaps that balance stakeholder with public interest.

PINK X2 BASE CARD, USE ONCE






POLICY | COLLABORATIONS

Cross-Sector Partnerships

Ensure technology providers, industry sectors, regulatory bodies, and community organisations have an alignment of goals with public values.

PINK X2 BASE CARD, USE ONCE







POLICY | COLLABORATIONS

Global Collaborations on Standards

Participate in international bodies to harmonise technology standards.

PINK X2 BASE CARD, USE ONCE







POLICY | STRATEGIES FOR ALIGNMENT

Impact Assessments

Assess technologies' ethical, legal and societal impacts with formalised processes.

GREEN X2 BASE CARD, USE ONCE






POLICY | STRATEGIES FOR ALIGNMENT

Harmonisation of Regulations

Streamline regulatory approvals across sectors to support seamless market integration.

GREEN X2 BASE CARD, USE ONCE






POLICY | STRATEGIES FOR ALIGNMENT

Adaptive Regulatory Frameworks

Have built-in mechanisms for regular updating based on stakeholder feedback and technological advancements.

GREEN X2 BASE CARD, USE ONCE





QUANTUM COMPUTING

Enhancing Surveillance Systems

Improve pattern recognition in security footage analysis.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS





QUANTUM COMPUTING

Improving Financial Portfolio Optimisation

Maximise returns while minimising risks in investments.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS





QUANTUM COMPUTING

Food Security Enhancement

Optimise food distribution networks with quantum logistics algorithms.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS






QUANTUM COMPUTING

Predicting Supply and Demand

Forecast market trends for improved business strategies.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS






QUANTUM COMPUTING

Simulating Electro-Mechanical Systems

Model complex machinery for improved design and performance optimization.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS






QUANTUM COMPUTING

Quantum-Powered Drugs Development

Accelerate vaccine and medicine discovery by simulating the designed drugs.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS






QUANTUM COMPUTING

Modelling Economic Systems

Simulate complex financial markets for policy decisions.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS





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Quantum Computing

Developing New Materials

Simulate molecular structures for advanced material design.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum Computing

Modelling Risks

Analyse complex financial scenarios for better risk assessment.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum Computing

Searching Large Datasets

Process vast amounts of information for pattern recognition.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum Computing

Improving Risk Assessment for Natural Disasters

Model the impacts of natural disasters, such as earthquakes, floods, and hurricanes with high-precision.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum Computing

Enhancing Weather Prediction

Process complex atmospheric data for accurate forecasts.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum Computing

Diagnosing Medical Conditions

Analyse medical imaging data for early disease detection.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum Computing

Disease Outbreak Prediction

Analyse global health data using quantum machine learning.

+1/+2/+4/+8/+16, MORE CARDS, MORE POINTS

Quantum For Military

Scanning Network Weaknesses

Identify vulnerabilities in networks with quantum computing.

SET OF THREE +10

Quantum For Military

Adapting Cyberattacks

Develop self-evolving malware with quantum computing.

SET OF THREE +10

Quantum For Military

Improving Battlefield Situational Awareness

Process vast amounts of sensor data for real-time tactical insights with quantum computing.

SET OF THREE +10

Quantum For Military

Improving Forensic Analysis

Enhance crime scene investigation with quantum imaging.

SET OF THREE +10

Quantum For Military

Triggering Biological Processes Remotely

Activate biological agents from a distance by changing the quantumness of cells.

SET OF THREE +10

Quantum For Military

Enhancing Genetic Editing

Precise manipulation of genetic material with a combination of quantum computing and sensing.

SET OF THREE +10

Quantum For Military

Simulating of Nuclear Fusion

Model complex fusion reactions for new weapons development such as hydrogen bombs with quantum computing.

SET OF THREE +10

Quantum For Military

Creating Autonomous Swarm Coordination

Optimise large-scale drone swarm behaviour in complex environments with quantum computing.

SET OF THREE +10

Quantum For Military

Creating Cyber Soldiers

More precise brain-computer interfaces for sensory augmentation and high-resolution neural monitoring with quantum sensing.

SET OF THREE +10

Quantum For Military

Creating Adaptive Camouflage

Create real-time camouflage adaptation with quantum dot-based smart materials.

SET OF THREE +10

Quantum For Military

Improve Tactical Decision-Making

Enhance real-time situational awareness and short-term operational decisions with quantum computing.

SET OF THREE +10

Quantum For Military

Improve Strategic Decision-Making

Guide overarching policies and long-term resource allocation by simulating complex, multi-layered scenarios with quantum computing.

SET OF THREE +10

Quantum For Military

Creating Bioweapons

Develop pathogens that are resistant to existing antibiotics or antivirals a combination of quantum computing and quantum sensing.

SET OF THREE +10

Quantum For Military

Improving Exoskeletons

Achieves greater power efficiency, precision, adaptability, and user integration with a combination of quantum computing and sensing.

SET OF THREE +10

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POLICY | ACCELERATION FACTOR

Research Funding

Support foundational research and identify key areas for development.

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POLICY | ACCELERATION FACTOR

Public Awareness

Engage with media, educational institutions, and community organisations about the potential benefits and risks.

BLUE X2 BASE CARD,
USE ONCE



POLICY | ACCELERATION FACTOR

Grant Programs

Ensure that small and medium-sized enterprises (SMEs), startups, educational, demo- and geographic underrepresented groups have access to resources.

BLUE X2 BASE CARD,
USE ONCE



POLICY | ACCELERATION FACTOR

Public Infrastructure

Support the scaling of new technologies by investments in public infrastructure.

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CRITICAL MATERIALS FOR QUANTUM

Superconducting

Require materials such as NbTiN and AlO₂ for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Semiconductors

Require materials such as Ge-73 and Si-28 for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Cold Atoms

Require materials such as Rb-87, Cs-133 and Sr-87 for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Photonics

Requires materials such as BaTiO₃, SiN and LiNbO₃ for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Colour Centres

Require materials such as Si-28, SiC and Diamond for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Topological

Require materials such as NbSe₂, NbTiN and InSb for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Photonic Components

Require materials such as SiN, GaAs, LiNbO₃, SiN, InGaAs and WSiNP for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Electronic Components

Require materials such as InGaAs, AlO₂, InP, Ge, Cu and Si for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Cryogenic Components

Require materials such as CuNi, GaAs and He-3 for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



CRITICAL MATERIALS FOR QUANTUM

Production of Helium-3

Require materials such as H-3 (tritium) for quantum technology R&D.

MOST#CARDS +6
LEAST#CARDS -6



QUANTUM FOR HEALTHCARE

Mapping Brain Activity

Measure neural activity non-invasively for neurological disorders like Alzheimers and Parkinsons disease with quantum sensing.

SET OF TWO +5



QUANTUM FOR HEALTHCARE

Analysing Metabolic Pathways

Understand disease mechanisms with quantum computing.

SET OF TWO +5



QUANTUM FOR HEALTHCARE

Mapping Tissue Density

Improve medical diagnostics with quantum sensing.

SET OF TWO +5



QUANTUM FOR HEALTHCARE

Analysing Genomic Data

Tailor personalised treatments on an organism's complete set of DNA with a combination of quantum computing and quantum sensing.

SET OF TWO +5



QUANTUM FOR HEALTHCARE

Enhancing Brain Imaging

Improve fMRI resolution and contrast which provides insights into brain activity with quantum sensing.

SET OF TWO +5



QUANTUM FOR HEALTHCARE

Enhancing Blood Diagnostics

Determine physiological and biochemical states such as diseases, mineral states and organ function accurately with quantum computing.

SET OF TWO +5



QUANTUM FOR HEALTHCARE

Monitoring Glucose Non-Invasively

Measure blood glucose without drawing blood, puncturing the skin, or causing pain with quantum sensing.

SET OF TWO +5





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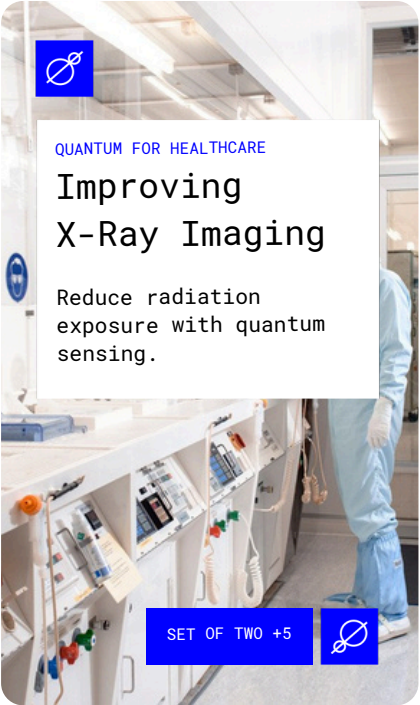



QUANTUM FOR HEALTHCARE

Monitoring Health Continuously

Track vital signs with quantum sensors.

SET OF TWO +5




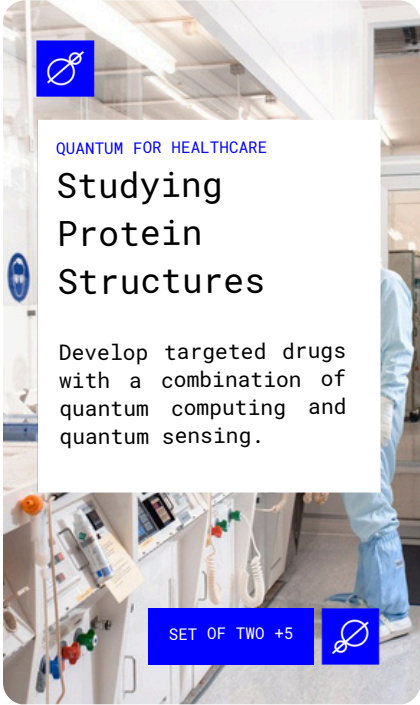



QUANTUM FOR HEALTHCARE

Improving X-Ray Imaging

Reduce radiation exposure with quantum sensing.

SET OF TWO +5




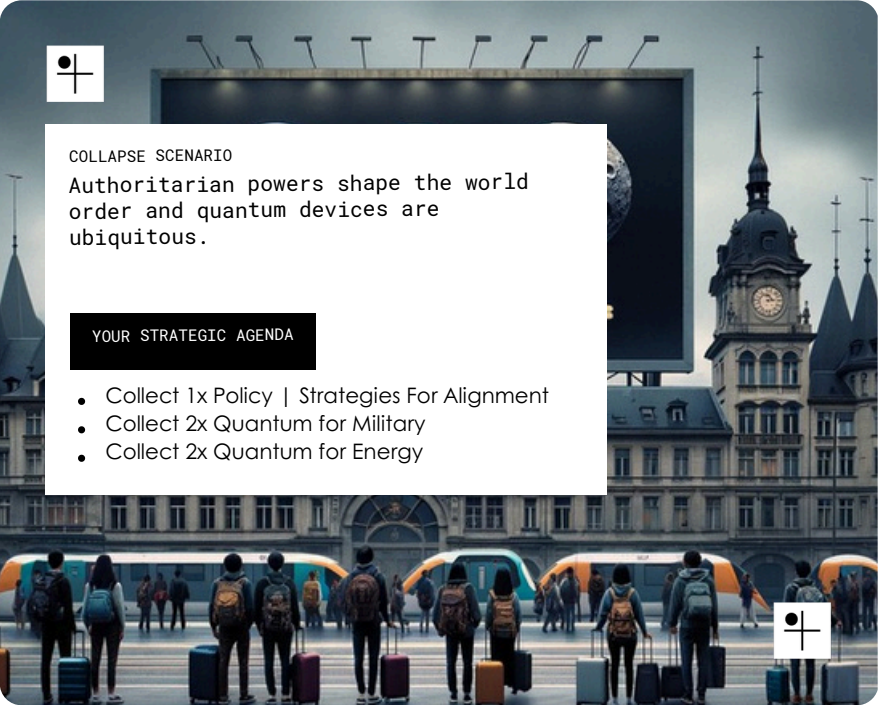



QUANTUM FOR HEALTHCARE

Studying Protein Structures

Develop targeted drugs with a combination of quantum computing and quantum sensing.

SET OF TWO +5




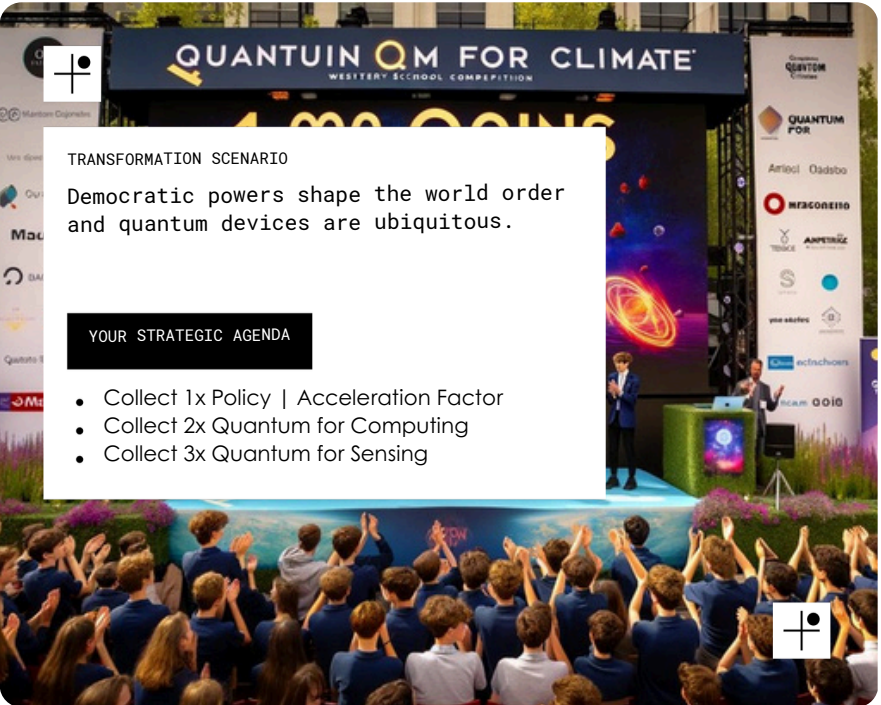



COLLAPSE SCENARIO
Authoritarian powers shape the world order and quantum devices are ubiquitous.

YOUR STRATEGIC AGENDA

- Collect 1x Policy | Strategies For Alignment
- Collect 2x Quantum for Military
- Collect 2x Quantum for Energy





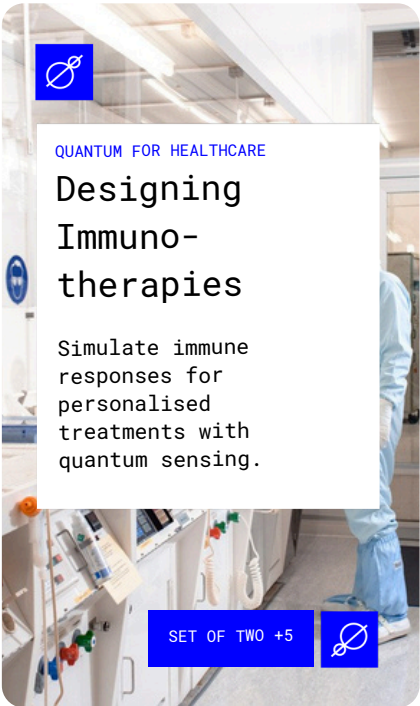



TRANSFORMATION SCENARIO
Democratic powers shape the world order and quantum devices are ubiquitous.

YOUR STRATEGIC AGENDA

- Collect 1x Policy | Acceleration Factor
- Collect 2x Quantum for Computing
- Collect 3x Quantum for Sensing






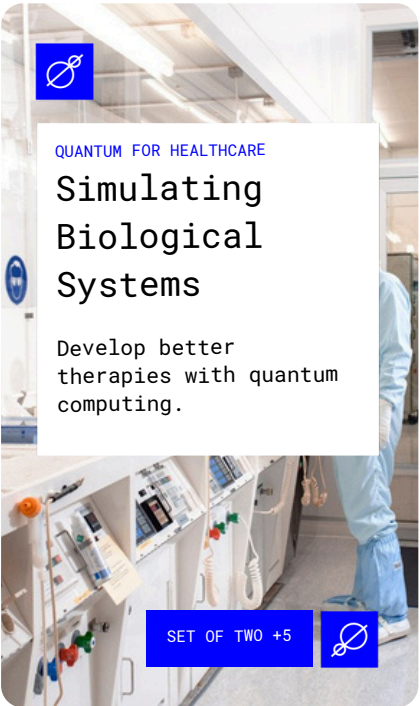



QUANTUM FOR HEALTHCARE

Designing Immuno-therapies

Simulate immune responses for personalised treatments with quantum sensing.

SET OF TWO +5




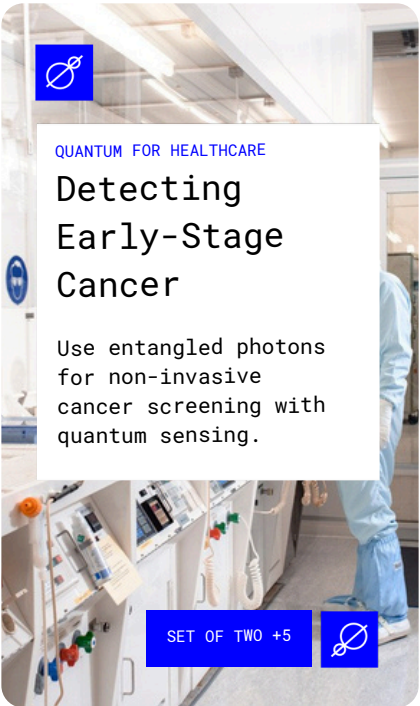



QUANTUM FOR HEALTHCARE

Simulating Biological Systems

Develop better therapies with quantum computing.

SET OF TWO +5




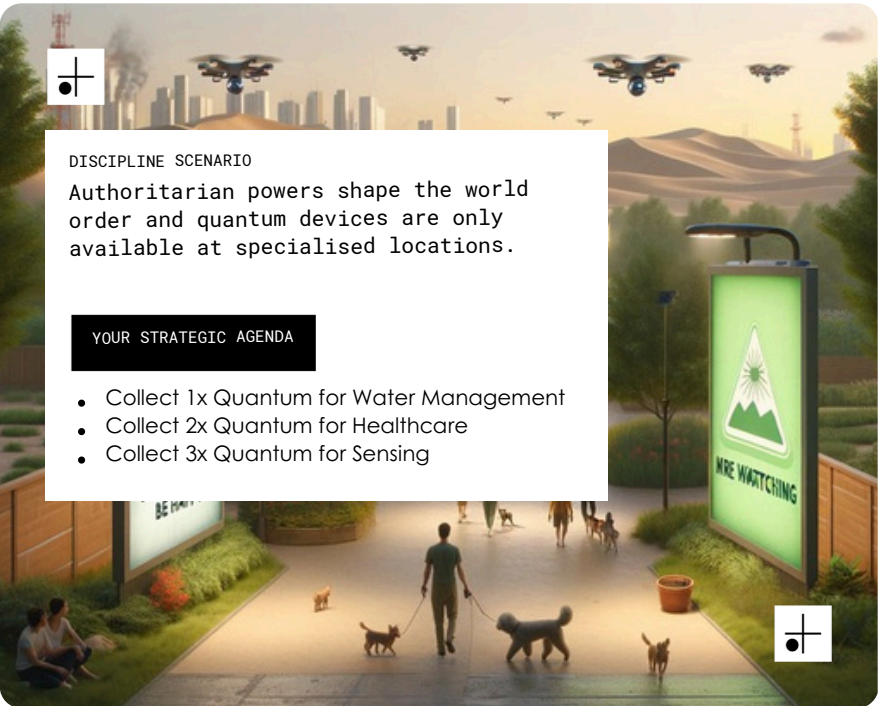



QUANTUM FOR HEALTHCARE

Detecting Early-Stage Cancer

Use entangled photons for non-invasive cancer screening with quantum sensing.

SET OF TWO +5




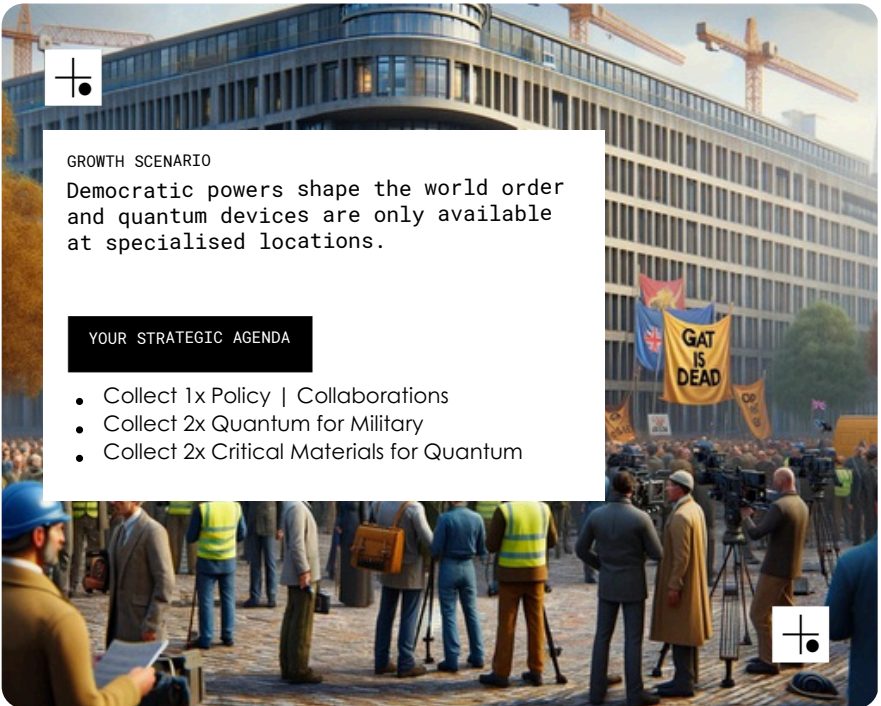



DISCIPLINE SCENARIO
Authoritarian powers shape the world order and quantum devices are only available at specialised locations.

YOUR STRATEGIC AGENDA

- Collect 1x Quantum for Water Management
- Collect 2x Quantum for Healthcare
- Collect 3x Quantum for Sensing






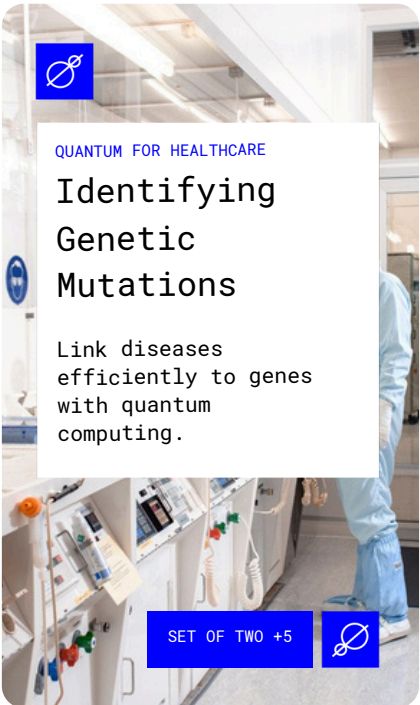



GROWTH SCENARIO
Democratic powers shape the world order and quantum devices are only available at specialised locations.

YOUR STRATEGIC AGENDA

- Collect 1x Policy | Collaborations
- Collect 2x Quantum for Military
- Collect 2x Critical Materials for Quantum








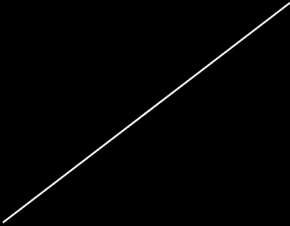
QUANTUM FOR HEALTHCARE

Identifying Genetic Mutations

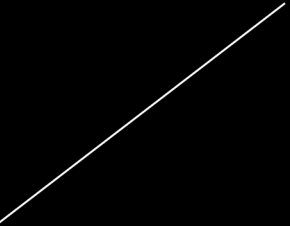
Link diseases efficiently to genes with quantum computing.

SET OF TWO +5

CENTRE
FOR QUANTUM
AND SOCIETY



CENTRE
FOR QUANTUM
AND SOCIETY



CENTRE
FOR QUANTUM
AND SOCIETY



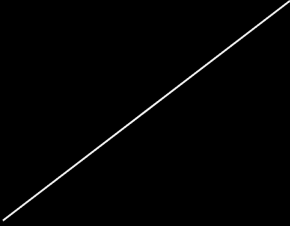
CENTRE
FOR QUANTUM
AND SOCIETY



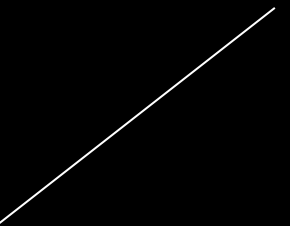
CENTRE
FOR QUANTUM
AND SOCIETY



CENTRE
FOR QUANTUM
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CENTRE
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AND SOCIETY



QUANTUM
FUTURES
GAME

STEP INTO 2050 AND NAVIGATE THE FAST-MOVING
FRONTIER OF QUANTUM TECHNOLOGY.

60-75 MIN2X4 PLAYERSCENTRE FOR QUANTUM AND SOCIETY

TRUE

ACCELERATE



STAKEHOLDER

ETHICAL
GUARDIANS

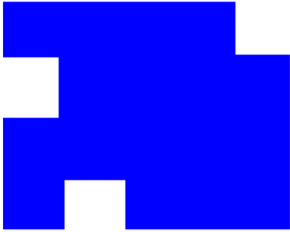
"As stakeholder we want to ensure public discourse, create transparency,have a societal impact, make careful considerations, prioritise ethical adoption."



STAKEHOLDER

INVESTORS

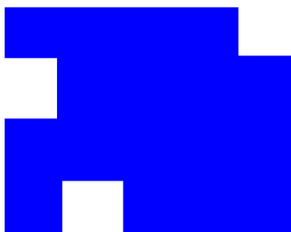
"As stakeholder we want to return on investment maximised, secure technological leadership, ensure risk mitigation."



STAKEHOLDER

CORPERATIONS


"As stakeholder we want to accelerate the tech adoption, speed up innovation, reshape industries, make a profit, create cutting-edge solutions."



STAKEHOLDER

CITIZENS


"As stakeholder we want to have affordable access, increase societal well-being, protect human rights."



STAKEHOLDER

EDUCATIONAL
INSTITUTIONS

"As stakeholder we want to educate a skilled workforce, lead academic research, serve societal needs, innovate collaboratively."



STAKEHOLDER

MILITARY

"As stakeholder we want to operate with superiority, create strategic advantage in defense and warfare, built resilient infrastructure, focus on national security."

MITIGATE

DISCUSSION ROUND | STATEMENT EDITION

“IF [CHOSEN STAKEHOLDER] WOULD RULE THE [WINNING STRATEGIC AGENDA], THEY WILL [MITIGATE / ACCELERATE] THE EFFECTS OF THE [CHOSEN QUANTUM APPLICATION]

THE QUANTUM FUTURES GAME CHALLENGES PLAYERS TO SHAPE THE FUTURE BY CRAFTING POLICIES AND DEPLOYING CUTTING-EDGE QUANTUM TECHNOLOGY APPLICATIONS.

Each player carries a secret agenda tied to a future scenario: securing control, empowering communities, fostering innovation, or reshaping global dynamics. The game invites you to explore the transformative potential of quantum technologies.

DOWNLOAD THE ONLINE MANUAL
quantumdelta.nl/centre-for-quantum-and-society/quantumfuturesgame

STAKEHOLDER

STAKEHOLDER

STAKEHOLDER

STAKEHOLDER

STAKEHOLDER

STAKEHOLDER

The Quantum Futures Game was funded by the **Centre for Quantum and Society**.

THANKYOU

Thank you to all 172 contributors who helped us make this game a reality.

CREDITS

The Quantum Futures Game was created by Juwe van Vliet, Deborah Nas with the Centre for Quantum and Society.

The images used in the Quantum Futures Game were created by Guus Meinema, Marieke de Lorijn, Willem van Aken (CSIRO), QDNL, Quantum Inspire Lab, Rose Galloway Green and Juwe van Vliet.

The game rules are inspired by the game mechanisms of the card game Sushi Go!



Quantum
Delta NL

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