Quantum Moderator Cheat Sheet: Preparation

Duration (1h 45m)	Subject
5 min	Introduction
10 min	Reading time
10 min	Warming up
20 min	Session 1 "CTA"
15 min	Reflection 1
15 min	Break and Prep pressure cooker
15 min	Session 2 "Pressure Cooker"
15 min	Reflection 2, Theory, & Reflection assignment

Setting the scene

Introduction

- Method origin (TTA)
- Outline of today
- Goals of the session
- The technology
- Aim of stakeholder meeting
- Introduce roles and impersonate briefly
- Distribute roles

Goal of Meeting:
Decide on the goal and prerequisites put to investment in Quantum

Stakeholders:
QDNL | Professor| IF4A | Secret Service (NBV) | Horizon | Ministry

Warming up

- Circle of emotions, sentence + emotion
- Silent walk around in character
- 1 min introduction as character
- Cheerleading, hype each other up
- Clapping, pass a clap around the circle

Tips

- Be enthusiastic
- Provide implicit assurance by acting
- Play your own role
- Fun and laughing allowed!

Checklist
To bring

- [ ] Moderator Cheat Sheet **1x**
- [ ] Technology Description **X** number of attendees
- [ ] Role Descriptions **5 or 10** (double roles)
- [ ] Observer Instuctions **X** number of non-players
- [ ] Sturdy sheets of paper **6 or 11** (double roles)
- [ ] Markers for writing the character names
- [ ] Watch to keep time

Quantum Moderator Cheat Sheet: The Play

Tensions
In discussion

Research approach, Open source, engaging non- or international professionals, vs. confidential national research
Research focus, Encryption vs. fundamental research (time-pressure)
Coordinating actor, The stakeholder who will lead the research efforts
(Future) Use, Desirable use(rs) of quantum technologies
Technological optimism, Whether it is likely for quantum technologies to deliver on its promise

Kick off Session 1
Bring up in introduction

The setting: Ministry of Education - The Hague
Reason for meeting: Recent breakthroughs in quantum technologies and increased international pressure
Goal of the meeting: Decide on the goal and prerequisites put to investment in Quantum
Initial risks: How to respond to international pressure | Safety of internal communications | Paradox of security, stolen now, decrypted later | What group has access and partakes in quantum research

Pressure cooker design

Start with the outcome of the first session
Imagine a situation 5 to 10 years in the future
Base the scenario on

- Desired changes in stakeholder dynamics
- Tensions that have remained unaddressed

Make it urgent
Examples:
Decisiveness lacks, Other countries successfully develop quantum computers, nation-wide communication is compromised
Encryption efforts insufficient against actual quantum computer, sensitive data leaks

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