

# QUANTUM CORE INSTITUTE

## Regulatory Radar

### QKD Addendum

Two paste-ready entries plus link-register rows for the Radar copy deck

|                |                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------|
| Document       | Regulatory Radar addendum — quantum key distribution and EU quantum-communication initiatives                 |
| For            | QCI_Regulatory_Radar_Copy_Deck (adds to v2.3)                                                                 |
| Status         | Internal build sheet. Not page content. Resolve verify-slug URLs before publish, then drop the status column. |
| Publisher      | Quantum Core Institute (QCI)                                                                                  |
| Effective date | June 10, 2026                                                                                                 |

*Two additions to the Radar. The first lands in Tier 5, Guidance and terminology. The second lands in Tier 6, Research and market signals. Both carry honest status labels, and both say plainly that they are not QCI-QS1 readiness actions. Paste the shaded blocks into the deck, add the link-register rows, and update the reference count from 31 to 33.*

#### 1. Tier 5 entry, Guidance and terminology

##### NSA, NCSC, and European agency QKD guidance *Agency guidance · 2020 to 2025*

The security agencies have published a consistent line on quantum key distribution: post-quantum cryptography is the primary mitigation, and QKD is not a general-purpose substitute. NSA does not support QKD for National Security Systems and does not anticipate certifying QKD products until the limitations are overcome. The UK NCSC recommends PQC and deems QKD unsuitable for government and military use. ANSSI, BSI, and the Dutch and Swedish authorities put the priority on PQC migration and confine QKD to niche use for now. Tracked here because clients ask about QKD constantly, and this is the authoritative answer. The QCI position is set out in Position Note QCI-PN-01.

#### 2. Tier 6 entry, Research and market signals

## EuroQCI and IRIS2 *EU infrastructure initiative · ongoing*

The European Quantum Communication Infrastructure (EuroQCI) and the IRIS2 secure-connectivity programme are the EU's long-horizon quantum-communication bets, combining terrestrial and satellite links with quantum key distribution payloads over time. They are strategic infrastructure, not a compliance obligation and not a readiness action for any single institution. Tracked as an enabler referenced in the critical-infrastructure and EU wallet materials. Read it as sovereignty investment, not as a line item on a migration plan.

### 3. Link register rows

Add these to the register. The NSA URL is verified. The rest are marked verify-slug and must be confirmed against the publisher page before publish, per the deck's standing link-hygiene rule.

| Entry                                        | URL                                                                                                                                                                                                   | Status             |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| NSA QKD/QC FAQ                               | <a href="https://www.nsa.gov/Cybersecurity/Quantum-Key-Distribution-QKD-and-Quantum-Cryptography-QC/">https://www.nsa.gov/Cybersecurity/Quantum-Key-Distribution-QKD-and-Quantum-Cryptography-QC/</a> | Primary (verified) |
| UK NCSC Quantum security technologies        | <a href="https://www.ncsc.gov.uk/quantum-security-technologies-guidance">ncsc.gov.uk quantum security technologies guidance page</a>                                                                  | Verify slug        |
| ANSSI/BSI/NLNCSA/Swedish joint QKD statement | <a href="#">publisher page (BSI or ANSSI hosted)</a>                                                                                                                                                  | Verify slug        |
| EuroQCI                                      | <a href="https://digital-strategy.ec.europa.eu/en/euroqci-policy">digital-strategy.ec.europa.eu EuroQCI policy page</a>                                                                               | Verify slug        |
| IRIS2                                        | <a href="#">EU secure connectivity programme page</a>                                                                                                                                                 | Verify slug        |

### 4. Implementation notes

- Reference count moves from 31 to 33. Update the page header line and the metadata description.
- QKD moves from silently absent to explicitly included. That is the point. An honest home for QKD pre-answers the why-isn't-QKD-here question and turns it into a trust signal.
- Cross-link the Tier 5 QKD entry from the critical-infrastructure material and the EU materials. Cross-link EuroQCI and IRIS2 from the EU Digital Identity Wallet supplement, where they are already named.
- Neither entry is a QCI-QS1 readiness action, and both entries say so in their own copy. Keep that framing when the blocks are pasted.