

Enhancing the Role of National Data Centres in CTBT Verification: A Framework for Capacity Building

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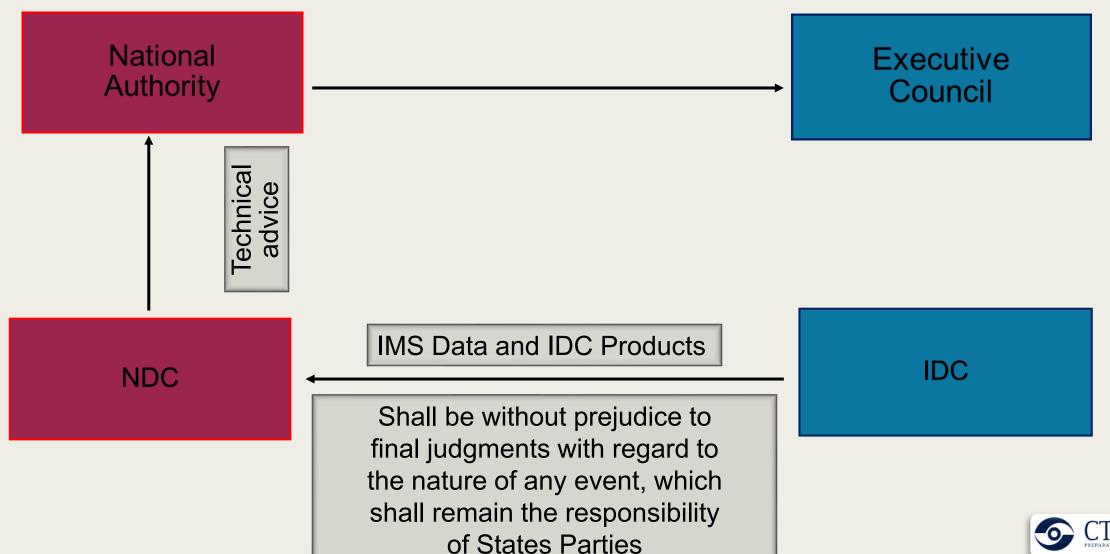
Presentation Date: 11 / 09 / 2025





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NDC's role in the verification system





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Capacity Building Framework for a Sustainable, Competent, and Capable NDC

Pillar I – Individual Competence

- Education & Training
- Technical Skills
- Continuous Learning
- Retention & Networks

Pillar II – Organizational Capability

- Infrastructure & Tools
- Processes & Workflows
- Governance & Communication
- Collaboration & Resilience

Enablers: Technology Access | Staffing and Funding | Knowledge Networks

Phases: Establishment → Operationalization → Institutionalization → Leadership

Assessment Tools for continuous improvements: Self-Assessment Checklist | Simulation | NPEs

Outcomes: Robust Verification Regime | National Benefits | Peace and Security



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Timeline

Phase 1: **Establishment** Framework SSA Designation

Phase 2: Operation Acquisition Processing Analysis Archiving

Phase 3: Institutionalization Verification National Institutions R&D

Phase 4: Leadership **Best Practices NPEs** Simulations Improvement



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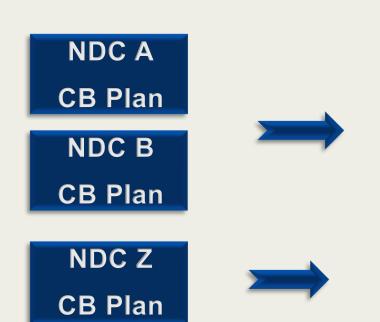
Phase I: Coordination

Phase II:
Documentation of the
Analysis Mechanism
Results

Phase III:
Development of a
Comprehensive
Capacity Building
Plan



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Performance -Outcome

PTS Capacity
Building programme
Regional

Activities aligned to National needs



Sustainability

Enhanced NDC contributions to the verification regime







Thank You