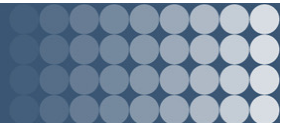


# Practical Steps Towards Nuclear Disarmament: Past, Present & Future

# 13 “Practical Steps” on Nuclear Disarmament. 2000 NPT REVCON

- Comprehensive Test Ban Treaty (CTBT)
- Nuclear Test Moratorium
- Fissile Material Cutoff Treaty (FMCT)
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- Irreversibility of Nuclear Reductions
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- Development of Nuclear Disarmament Verification



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**2000 – Today. 25 Years**

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**Breakdown of arms control**

**Nuclear modernization**

**Treats to resume nuclear testing**

**Threats of nuclear use**

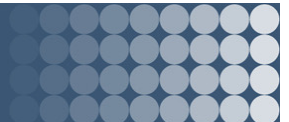
**New and emerging technologies**

**Proliferation crises**

**No progress on WMDFZME**

**NPT ‘legitimacy crisis’**

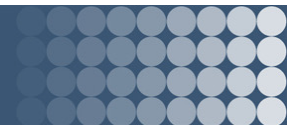
**Some progress on declaratory  
policy & verification**



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## The Past



# “Practical Steps” on Nuclear Disarmament. Today

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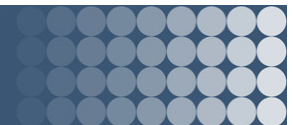
- Refrain from nuclear threats
- Enhanced transparency
- Further nuclear reductions
- Strengthen nonproliferation regime
- Promote education

## G7 Hiroshima Vision (2023)

- Uphold New START
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- North Korea / Iran
- Universal adoption of AP
- Fissile material transparency
- Strategic risk reduction

## Creating Environment for Nuclear Disarmament (CEND). Interim Measures to Reduce Nuclear Risk (2024).

- Political-doctrinal measures: NFU, NSA
- Strategic measures: deployment, reduction, nuclear safety.
- Operational measures: launch, storage, de-targeting, de-alerting
- CBMs: dialogue, transparency
- Crisis management / prevention: communications channels.



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*“.... acknowledgement that the international security environment was deteriorating from threats such as expanding nuclear arsenals and their increased relevance in defense postures, new delivery systems for nuclear and conventional weapons, various regional crisis, and the challenges posed by emerging technologies.*

*Meanwhile, progress on nuclear arms control and disarmament... was largely either progressively slow or not at all.”*

*US Dept. of State. CEND - 2024*

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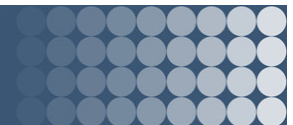
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# “Practical Steps” on Nuclear Disarmament

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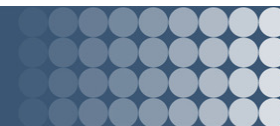


# “Practical Steps” on Nuclear Disarmament

**The Present**

**The Past**

# The Future ?



# “Practical Steps” on Nuclear Disarmament

## The Future ?

- Multilateralizing Arms Control – China, other NWS
- NPT holdouts: Israel, India, Pakistan, North Korea.
- Who does nuclear disarmament? TPNW Competent International Authority? IAEA? P5 NWS? Unilaterally by the nuclear-possessor state itself?
- Envisioning disarmament scenarios.
- Who pays? How much?
- Addressing challenge of new and emerging technologies
- Verification / Irreversibility



# “Practical Steps” on Nuclear Disarmament

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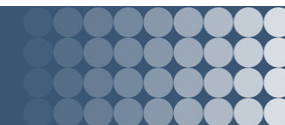
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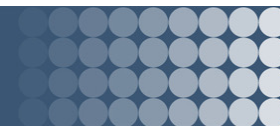
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# “Practical Steps” on Nuclear Disarmament

## Conclusions

- Breakdown of global nuclear frameworks highlights urgency of “practical measures” to address nuclear dangers to keep alive prospects for nuclear disarmament.
- Becomes harder and more complex over time. What was “practical” in the past, becomes more challenging in the present.
- Challenge increasingly linked to breakdown of global multilateralism, domestic political polarization, and geopolitical tension.
- Need to think about the future.... **NOW!**



# Thank you