

The logo for the International Partnership for Nuclear Disarmament Verification (IPNDV) features a stylized globe in the background. The globe is composed of a grid of lines representing latitude and longitude, with a central point. The letters 'IPNDV' are prominently displayed in a bold, teal-colored font, centered over the globe.

IPNDV

INTERNATIONAL PARTNERSHIP FOR
Nuclear Disarmament Verification

Alex Bednarek

**11th ASEAN REGIONAL FORUM (ARF) INTER-SESSIONAL MEETING
ON NON-PROLIFERATION AND DISARMAMENT**

April 8-9, 2019



About the IPNDV

- More than 25 countries with and without nuclear weapons which are:
 - Identifying challenges of nuclear disarmament verification
 - Developing potential solutions to address those challenges
 - Building and diversifying international capacity and expertise

Partners

25+ countries with and without nuclear weapons





History

- Announced in December 2014
- Builds on and complements previous verification and monitoring initiatives:
 - Verification Pilot Project
 - The U.S.-Russia monitoring and verification experience
 - The U.S.-UK Program on Nonproliferation and Arms Control Technology
 - UK-Norway Initiative on Nuclear Warhead Dismantlement Verification

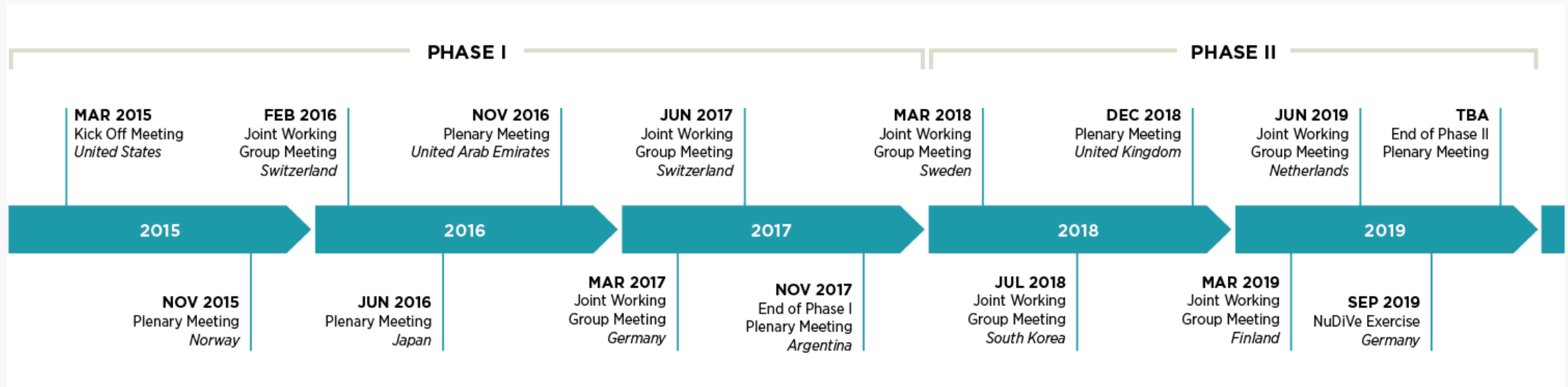


Structure

- On-going effort
- Three technical working groups that meet several times a year in Joint Working Group meetings and Plenaries
- Meetings hosted in partner countries

Working Groups & Phases

Phase I	Phase II
Working Group 1: Monitoring and Verification Objectives	Working Group 4: Verification of Nuclear Weapon Declarations
Working Group 2: On-Site Inspections	Working Group 5: Verification of Reductions
Working Group 3: Technical Challenges and Solutions	Working Group 6: Technologies for Verification

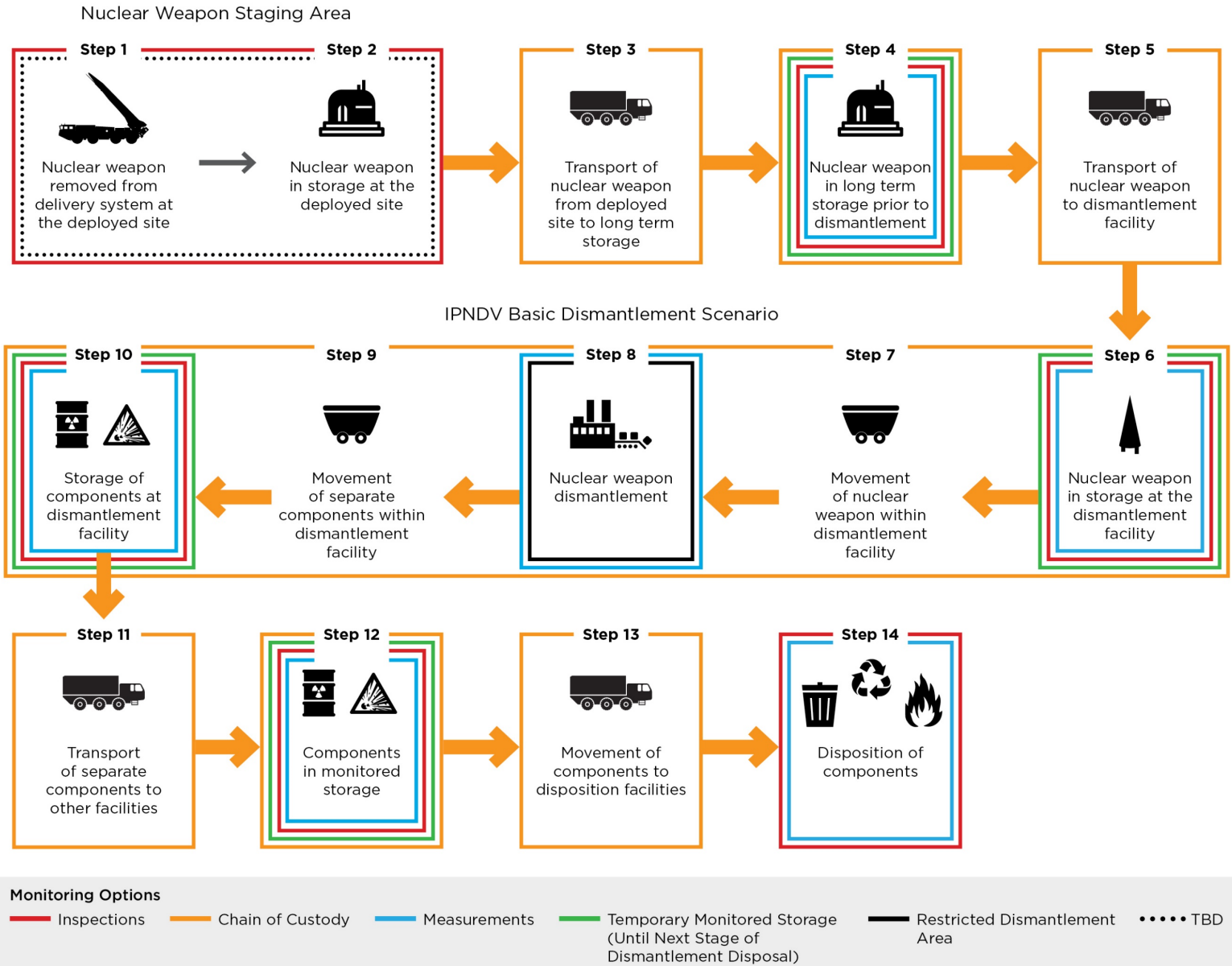


The 14 Steps: IPNDV's Nuclear Weapons Dismantlement Lifecycle

Phase I addressed monitoring and verification activities in steps 6-10

Phase II addresses verification issues and technologies across the wider nuclear disarmament process (all 14 steps)

MONITORING AND VERIFICATION ACTIVITIES, AS IDENTIFIED BY THE IPNDV, FOR KEY STEPS IN THE PROCESS OF DISMANTLING NUCLEAR WEAPONS



*We make the assumption that there will be declarations at each step in the process.

Phase I Key Judgment

While tough challenges remain, potentially applicable technologies, information barriers, and inspection procedures **provide a path forward that should make possible multilaterally monitored nuclear warhead dismantlement** while successfully **managing safety, security, non-proliferation, and classification concerns** in a future nuclear disarmament agreement.

Phase II

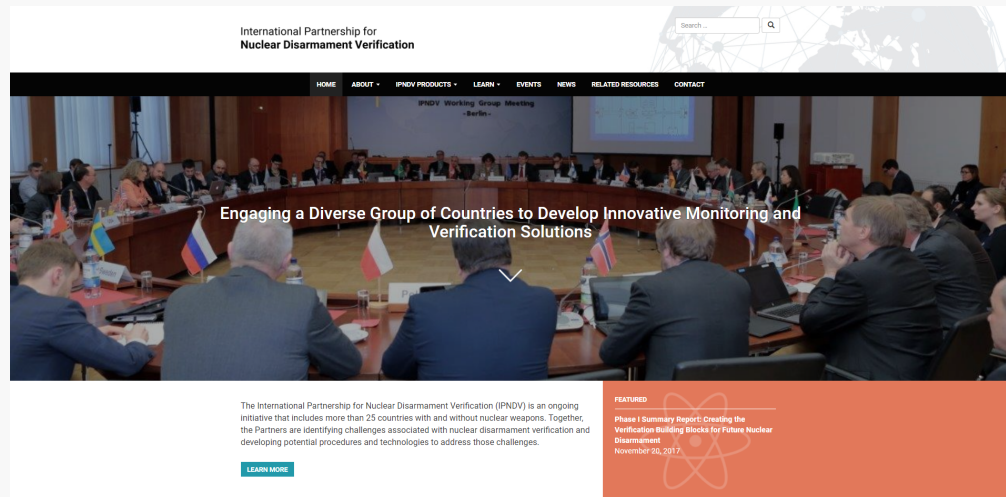


- Address verification issues across all 14 steps
- Further assess technologies and procedures identified in Phase I to develop practical options
- Engage with other experts and groups addressing nuclear disarmament verification challenges, including the United Nations Group of Governmental Experts on Nuclear Disarmament Verification (GGE)
- Publish outputs ahead the 2020 Nuclear Non-Proliferation Treaty Review Conference (NPT RevCon)

Beyond Phase II

The Partnership intends to continue its work on nuclear disarmament verification and monitoring beyond Phase II





www.ipndv.org



Work Captured at ipndv.org

- Phase I Summary Report
- Walkthrough Exercise Summary Report
- 40 Working Group Reports and analysis products
- Related resources collection
- 14-step dismantlement “lifecycle”
- Digital interactive of basic dismantlement scenario
- Event summaries, photos, and remarks