

Simplifying the elimination of fissile materials and nuclear weapons

Pavel Podvig

Ryan Snyder

Presented by **Laetitia** Zarkan

THE CHALLENGE

Nuclear weapons to be eliminated or weapon-origin fissile materials declared **excess retain classified attributes**

Weapons dismantlement or placing excess materials under safeguards **must protect classified information** about weapons or materials

Information barrier is unproven technology as no state submitted a classified object to an information barrier

CONTAIN AND DISPOSE

Weapons or weapon materials are moved to a **guarded and monitored containment area**

The amount of material in containment is declared

No material can be added to the containment area or removed from it unless it is sent to disposition

Correctness of the declaration is **verified when material is removed** from containment in **unclassified form**

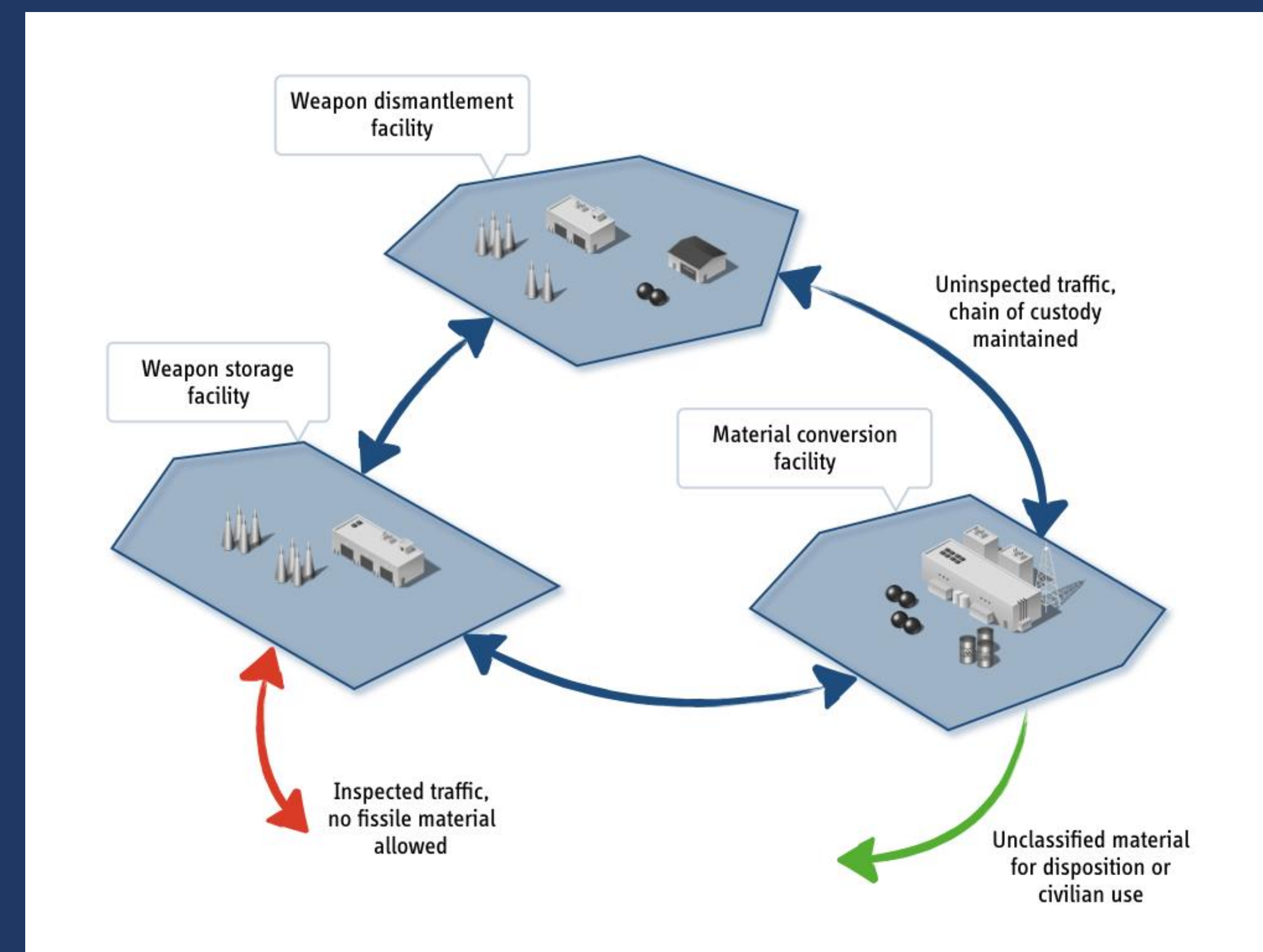
RESULTS

Elimination of weapons **does not require access to any classified data**

No need to monitor weapon dismantlement process

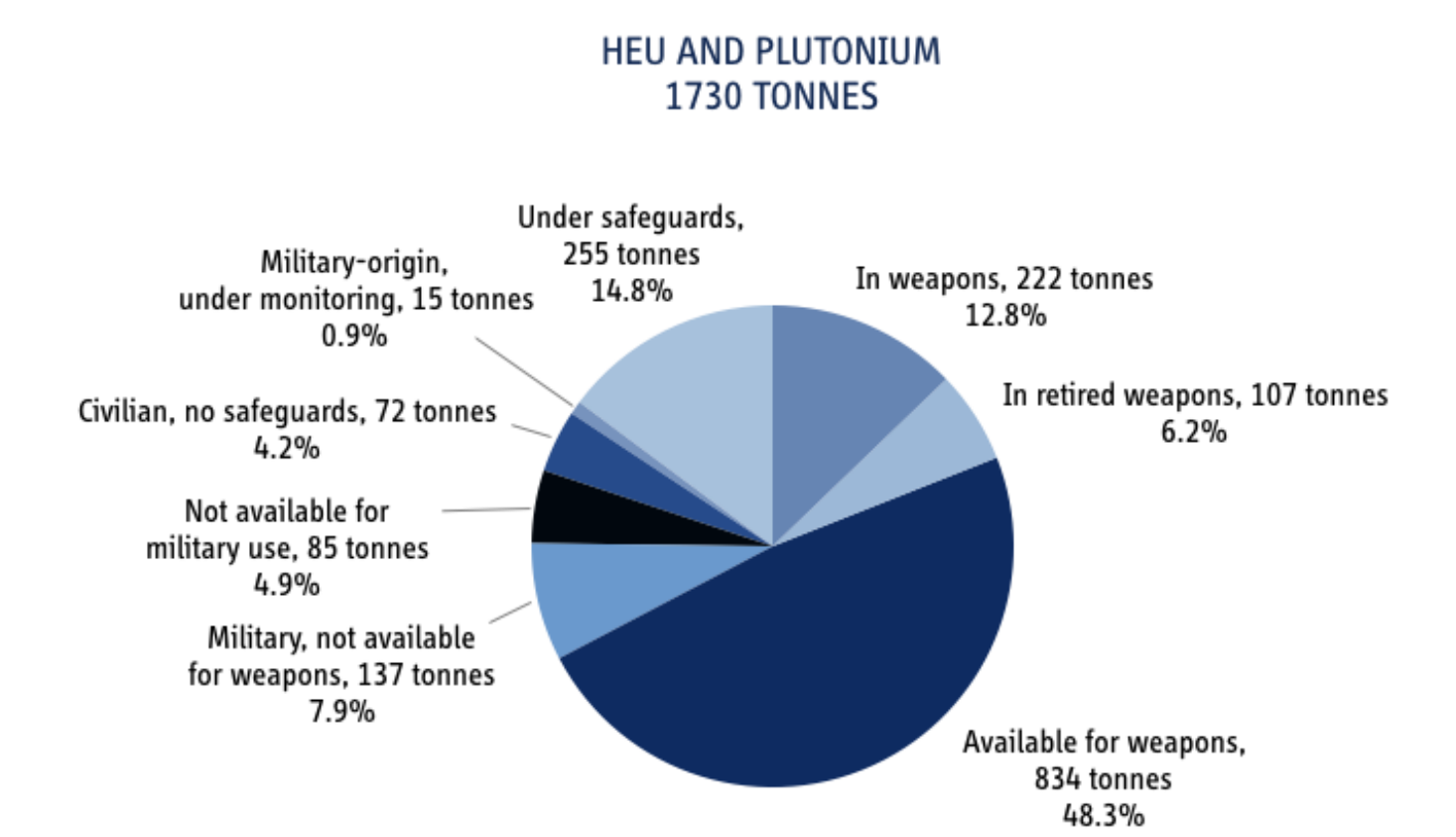
No need to use information barriers

Elimination of nuclear weapons can be done without monitoring weapons dismantlement and without information barriers

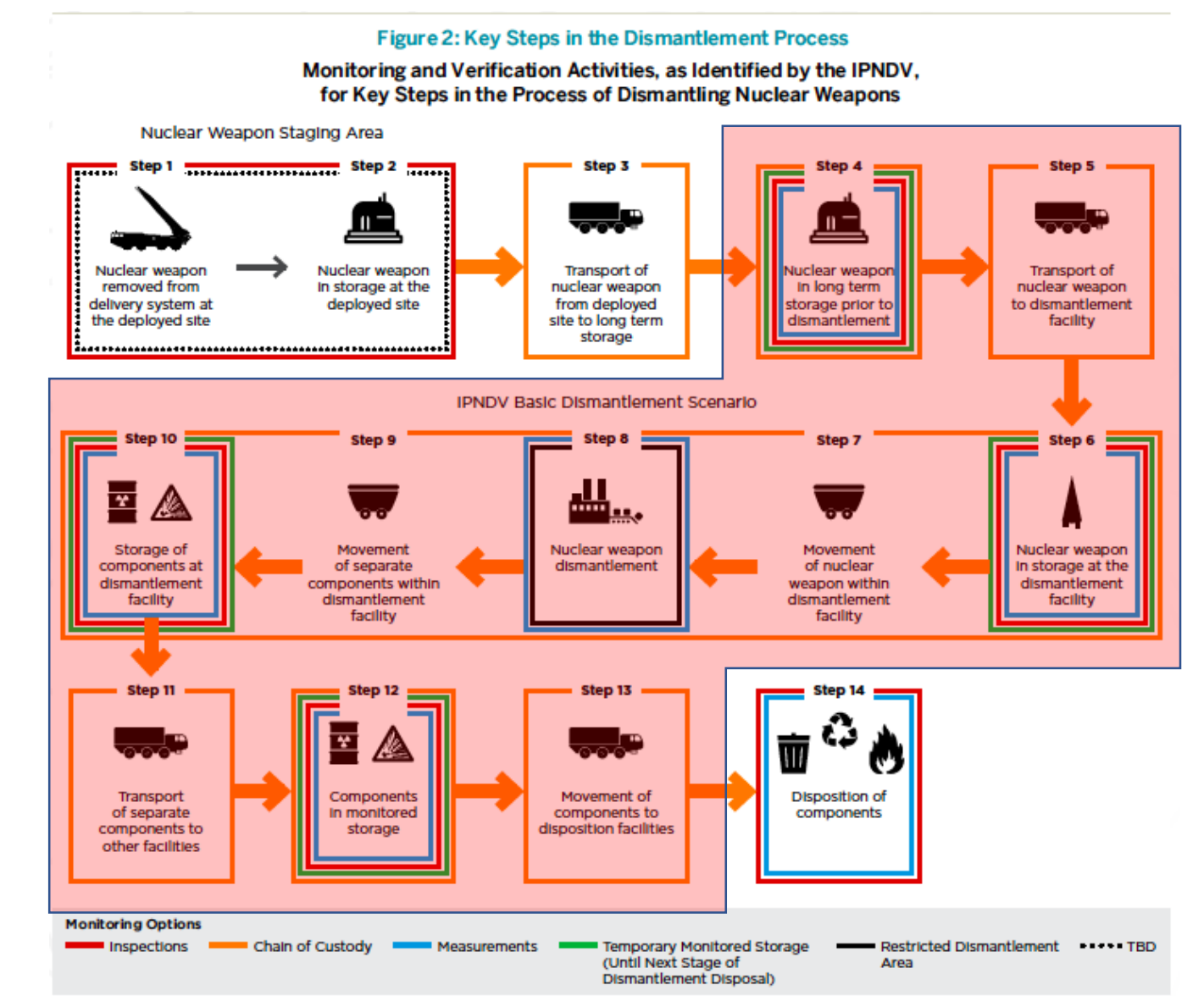


Take a picture to download the full report
<http://bit.ly/SimplifyingElimination>

MOST WEAPON MATERIAL IS OUTSIDE WEAPONS



NO NEED TO MONITOR WEAPONS DISMANTLEMENT



All activities in the red shaded area take place in the containment and managed by the owner

No need to monitor dismantlement or protect sensitive data with information barriers

👤 Pavel Podvig
pavel.podvig@un.org
Ryan Snyder