



UN Charter

Article 1 (1)

• To maintain international peace and security... to bring about **by peaceful means**, and in conformity with the principles of justice and international law, adjustment or settlement of international disputes or situations which might lead to a breach of the peace;

Article 2 (4)

• All Members shall refrain in their international relations from the threat or use of force against the territorial integrity or political independence of any state.







And some bad news!

- 15,000 nuclear weapons remaining in nuclear arsenals, approximately 1600 on high alert
- Risk of nuclear weapons use by accident or miscalculation
- Risks rise in conflicts India/Pakistan, Middle East, Ukraine/NATO v Russia, NE Asia...
- Risk of nuclear weapons use by terrorists, including by cyber attack on nuclear command centres
- Nuclear weapons budget consumes over \$100 billion per year



What's preventing us from abolishing nuclear weapons?

- Conflicts between nuclear-armed and allied states
 - Russia & the West/NATO
 - India & Pakistan
 - North East Asia (North Korea, South Korea, Japan, Russia, China, USA)
 - Israel, Arab countries and Iran
- 40 countries still rely on nuclear deterrence
- Vested interests of the nuclear weapons manufacturers



Whose nuclear button is bigger?





Nuclear risk-reduction: preventing nuclear war

Key approaches

- De-alerting
- No-first-use
- Lowering threat postures
- Diplomacy to resolve conflicts

Forums for advancing

- UNGA and UN Security Council
- Bilateral
- Parliaments and Interparliamentary Forums
- Civil society appeals









We, Parliamentarians of the OSCE participating States,

- "Expressing deep concern at increased nuclear threats arising from the deteriorating relationship between the Russian Federation and NATO...
- "Call on all OSCE States with nuclear weapons or under extended nuclear deterrence relationships to reduce the risks of a nuclear war by taking nuclear weapons off high-alert and by adopting no-first-use policies;"
- Call on all participating OSCE States to participate in the 2018 UN international conference on nuclear disarmament at the highest level, to include parliamentarians in their delegations to the conference and to pursue the adoption of nuclear risk reduction, transparency and disarmament measures at the conference."

Tbilisi Declaration, 2016







Security without nuclear weapons: Replacing nuclear deterrence with other security frameworks, approaches and mechanisms

- Approaches
 - Diplomacy
 - Mediation
 - Arbitration
 - Adjudication
 - Regional measures
 - Sanctions and incentives
 - Conventional military deterrence

- Mechanisms/bodies
 - UN Security Council
 - International Court of Justice
 - UN mediation
 - OSCE
 - Disarmament treaties and treaty bodies



Security without nuclear weapons in a nuclear-armed world: Role of law and UN – New Zealand examples



- 1975: French nuclear tests International Court of Justice case
- 1985: Rainbow Warrior United Nations mediation
- 1995: Underground nuclear tests International Court of Justice









Nuclear weapons corporations

France	
Safran	
Thales	

Russia United Aircraft Corporation Makeyev Design Bureau

India Larsen & Toubro

United Kingdom **BAE Systems** Serco

Italy Leonardo Finmeccanica

Netherlands Airbus

United States AECOM

Aerojet Rocketdyne Bechtel Boeing BWX Technology (Babcock and Wilcox) Charles Stark Draper Lab Fluor **General Dynamics** Honeywell International Huntington Ingalls Industries Jacobs Engineering Lockheed Martin Moog Northrop Grumman Orbital ATK Raytheon Textron







Opportunity costs of nuclear-weapons programs

In the next 10 years, **\$1 trillion USD** will be invested globally into development and maintenance of nuclear-weapons programs. This money could instead cover **all** the following:



eacher

o to 400,000 OSPITALS

for all 780 million

malnourished people

280 billion Feeding all 780 million malnourished people in the world for 10 years

200 billion Building 2–100 million houses

100 billion Building 400-400,000 hospitals or

100 billion Yearly salaries for 2–10 million teachers

80 billion Preventive health care for all Africans reducing infant and maternal mortality by 80%

55 billion UN budget for 10 years

30 billion 3 million home solar panel systems

30 billion 1 million wind turbines 25 billion 1 million electric cars

25 billion Tuition for 200,000 students for 5 years each at top USA universities

20 billion 10 years of ART drugs for all 28 million HIV infected people in Africa

14 billion Rebuilding Haiti after the earthquake

10 billion 67 million clean biomass stoves saving 4 million lives per year

8 billion Planting and growing 20 billion trees in Africa

8 billion Eliminating malaria in 10 years saving half million lives per year

5 billion 1 million fresh water wells in Africa







