

# Looking beyond the nuclear weapons wall:

Achieving peace and security without nuclear deterrence.



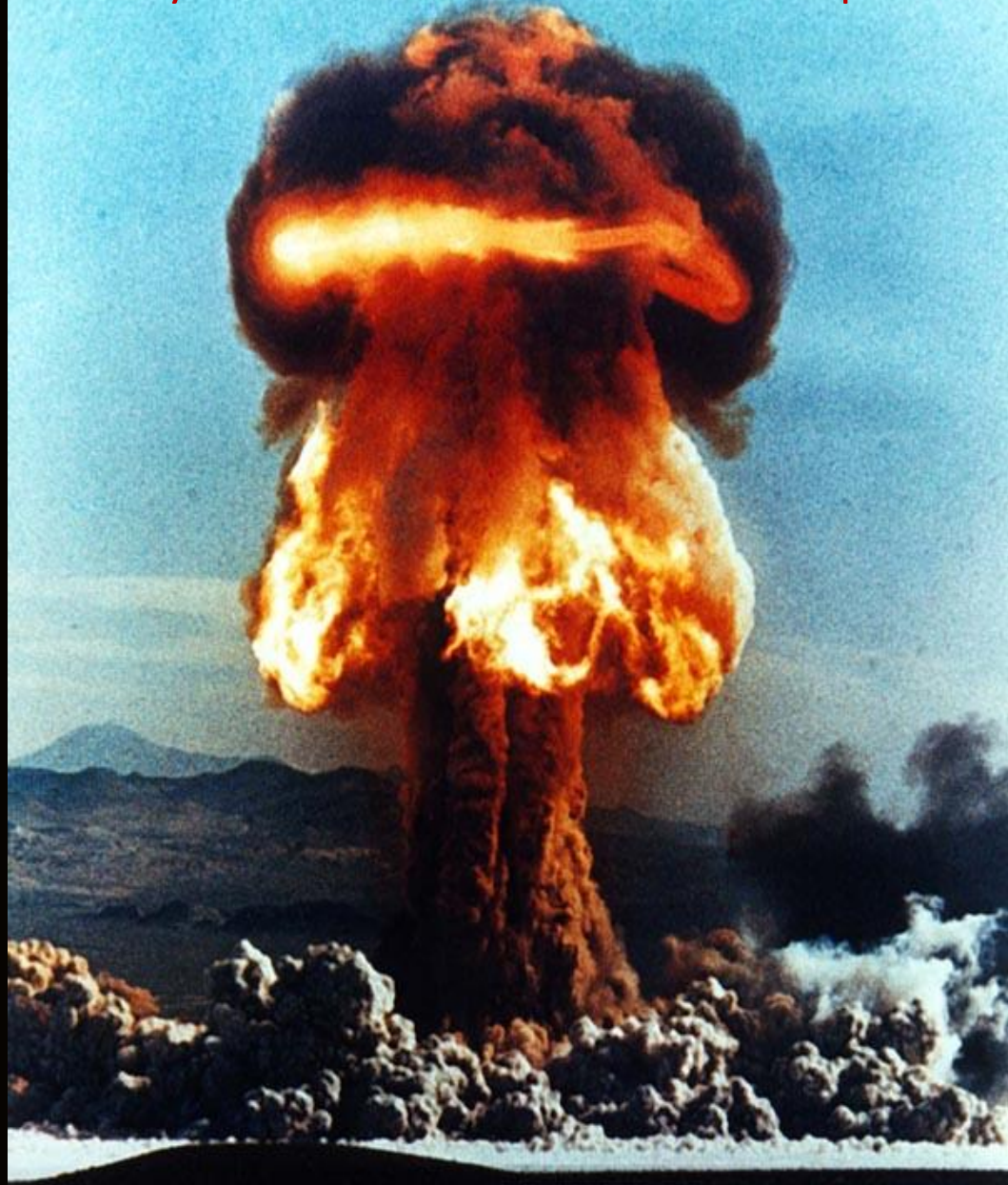
Presentation to Peace Beyond Walls  
Seoul Peace Conference

*Alyn Ware, New Zealand*



## Why still worried about nuclear weapons?

- 14,000 nuclear weapons remaining in nuclear arsenals, approximately 1500 on high alert
- Risk of nuclear weapons use by accident or miscalculation
- Risks rise in conflicts – India/Pakistan, Middle East, Ukraine/Russia, NE Asia
- Potential for proliferation to additional countries or to non-State actors (terrorists)
- Risk of nuclear weapons use by terrorists, including by cyber attack on nuclear command centres
- Nuclear weapons budget consumes \$100 billion per year
- Nuclear threats prevent cooperation required to address climate and other global issues.



# Bulletin of the Atomic Scientists



**IT IS 2 MINUTES  
TO MIDNIGHT**

# Main reasons for nuclear weapons

- Security
- Power and prestige
- Money

# Do nuclear weapons make countries more peaceful and secure?

## Global Peace Index 2019

### Non-nuclear countries

- Iceland - 1
- New Zealand - 2
- Portugal - 3
- Austria - 4
- Singapore - 7
- Malaysia - 16
- Republic of Korea - 55

### Nuclear countries

- China - 110
- USA - 128
- India - 141
- Israel - 146
- DPRK - 149
- Pakistan - 153
- Russia - 154

# Do we need nuclear weapons?



Or are they like a Penny Farthing bicycle?

Ward Wilson, The Pennyfarthing H-Bomb

# 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

- United Nations Charter
- 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

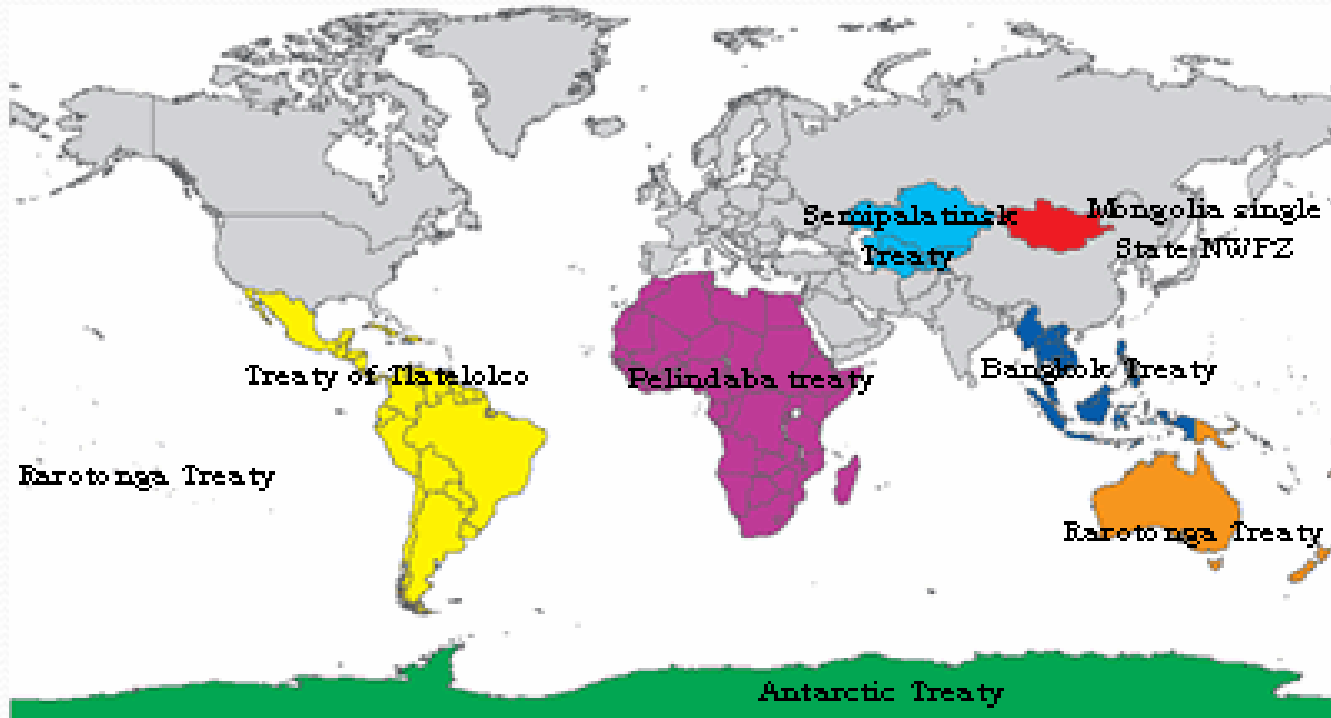
# Addressing aggression/armed conflict without nuclear weapons



- Chad v Libya – International Court of Justice
- East Timor v Indonesia – World Bank/IMF, UN Security Council and UN Peacekeeping
- Costa Rica v Nicaragua – International Court of Justice

# Nuclear-weapon-free zones:

## Regional security without nuclear weapons



- 115 countries in Nuclear Weapon Free Zones
- Additional zones proposed for Middle East, NE Asia, Central Europe and the Arctic

# Power, prestige and nuclear weapons

## **Negative examples**

- UK
- India
- North Korea?

## **Positive examples**

- Kazakhstan
- South Africa
- New Zealand

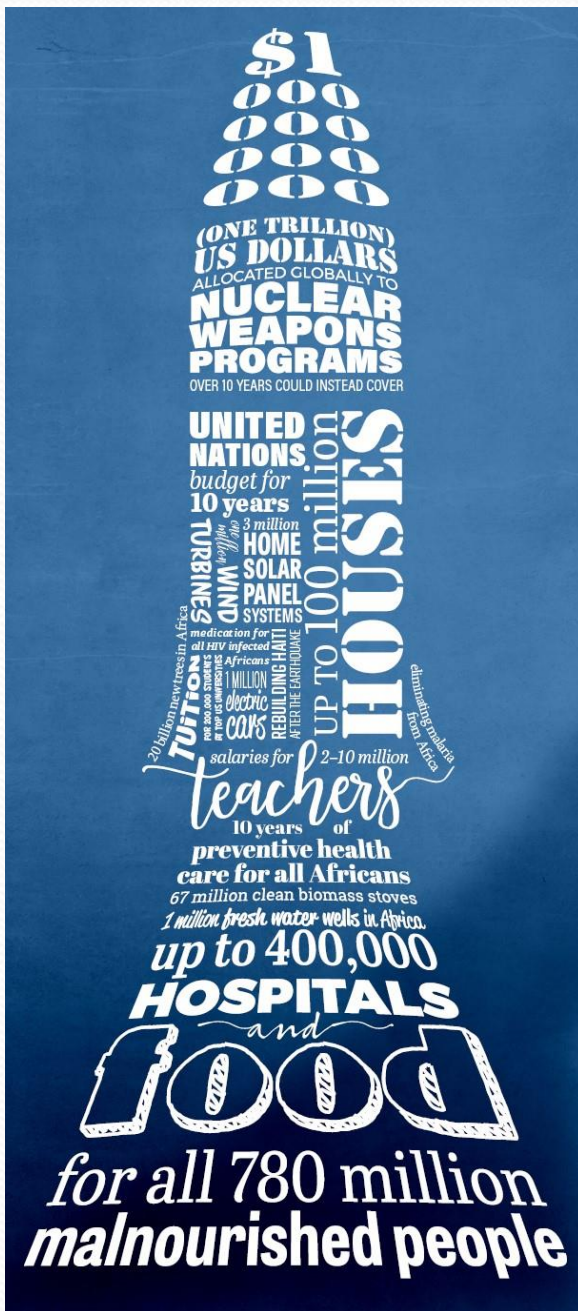


**Money stimulates the nuclear arms race**

# Nuclear weapons spending

- Nuclear weapons budget = \$100 billion/yr or \$1 trillion over the next ten years
- UN budget = \$5.5 billion/yr

# What could \$1 trillion cover?



- **\$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 clinics
- **\$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 & Asia
- **\$8 billion:** Eliminating malaria in 10 years saving half million lives per year
- **\$5 billion:** 1 million fresh water wells in Africa & Asia

- US\$50 billion in sales – 80% military
- Nearly 300 lobbyists in Washington



*“Lockheed Martin is a global leader in the design, manufacture and support of military aircraft. The goal: To provide a full spectrum of aeronautical resources to allow the U.S. and its allies to conduct air operations anywhere, any time.”*

Lockheed Martin website

# Move the Nuclear Weapons Money

An international campaign to:

- cut nuclear weapons budgets;
- encourage divestment from companies manufacturing nuclear weapons and their delivery systems;
- reallocate these budgets and investments to meet economic, social and environmental need – such as ending poverty, protecting the climate, supporting renewable energy, creating jobs, and providing adequate healthcare, housing and education for all.



# Nuclear weapons divestment

- Four federal governments (Lichtenstein, New Zealand, Norway and Switzerland) approximately 20 cities, and nearly 100 banks and pension funds have now divested from nuclear weapons.
- UN Global Compact added nuclear weapons industry to its exclusion list in Oct 2017.

[www.nuclearweaponsmoney.org](http://www.nuclearweaponsmoney.org)

# Smarter Approach to Nuclear Expenditure (SANE) Act

## US Senator Ed Markey, PNND Co-President



# TEAR DOWN THIS WALL



# Contacts

[alyn@pnnd.org](mailto:alyn@pnnd.org)



- [www.nuclearweaponsmoney.org](http://www.nuclearweaponsmoney.org)



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