



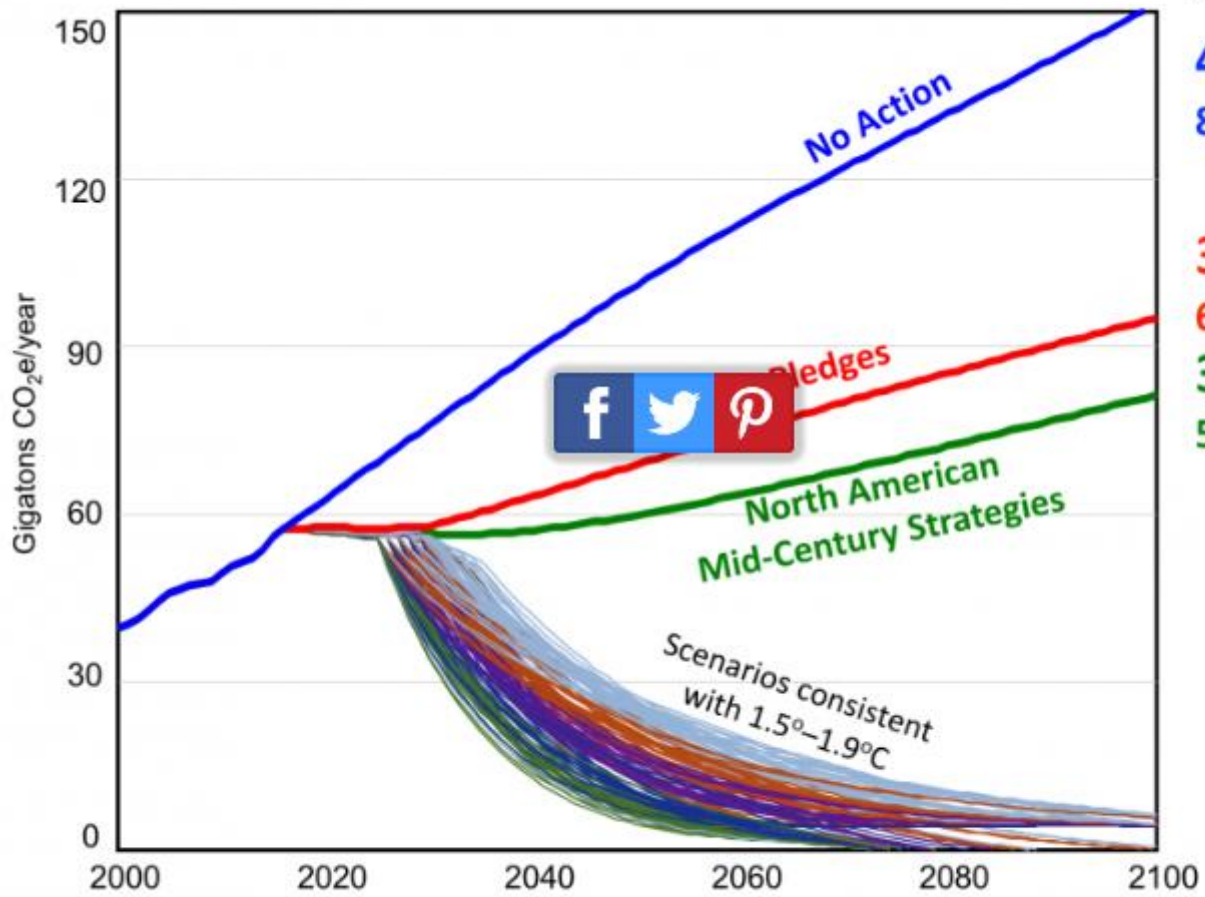
Ministerie van Buitenlandse Zaken

Brasilia Brasilia Vienna Doha Beirut Tokyo Dakar Berlin Paramaribo Dublin Sydney Kuwait Bogota Antwerp Pristina Juba Bratislava Istanbul Wellington Caracas Kampala Cape Town Luanda Tirana Belgrade Shanghai Panama City Beijing Amman The Hague Khartoum Islamabad Kiev Bern Copenhagen Sofia

PLANETARY SECURITY

Security Impacts of Global Climate Change

Global Greenhouse Gas Emissions



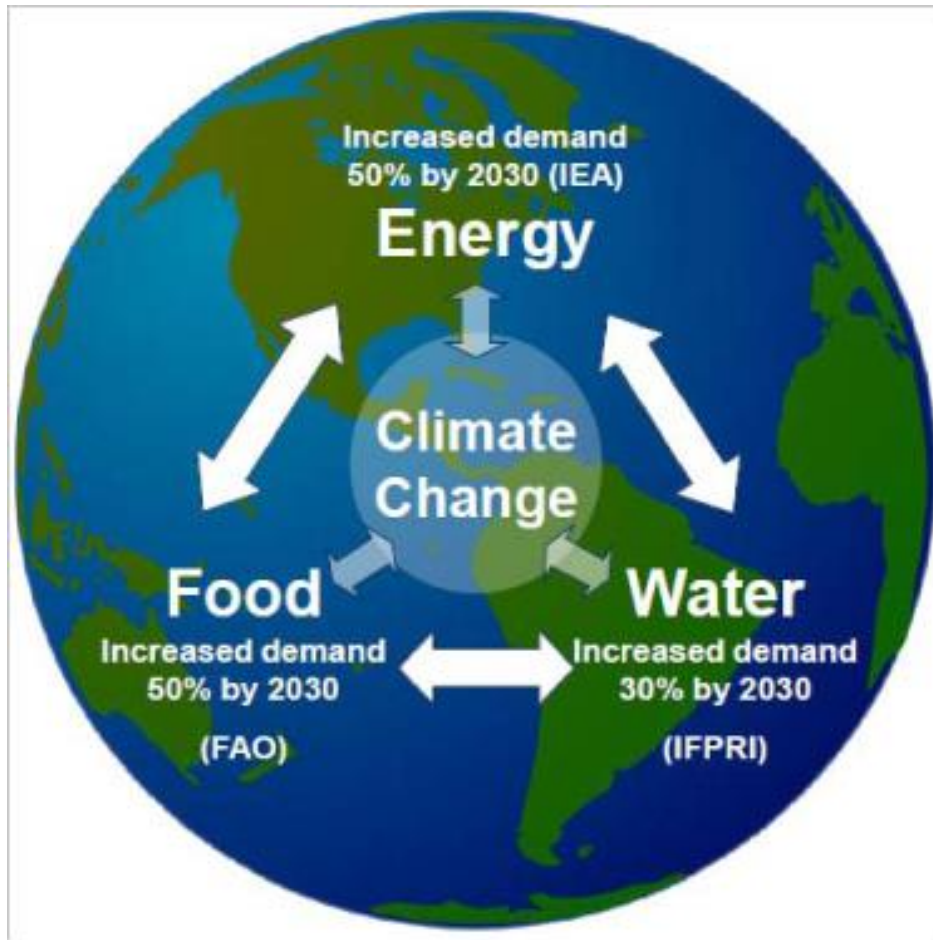
Estimated 2100 temp:

4.5°C
8.1°F

3.5°C
6.3°F

3.3°C
5.9°F

Climate Interactive models show the 2050 plans bending the curve of global warming predictions – but not enough for 2C





Growing cities ...

From 2010 to 2025, the GDP of the City 600¹ will rise by over

\$30 trillion

... or nearly **65%** of global growth

The Emerging 440² cities will contribute

\$23 trillion

... or **47%** of global growth to 2025

Over

\$10 trillion

in additional annual investments needed in cities by 2025

1 billion

new consumers in emerging market cities by 2025

... and their rising consumer demand

60% of the new urban consumers will be in the Emerging 440 cities

Annual consumption in Emerging 440 cities is set to rise by

\$10 trillion by 2025

Cities are expected to need to build floor space³ equivalent to

85% of today's building stock—an area the size of Austria

Nearly

80 billion

cubic meter increase in municipal water demand expected in the world's cities by 2025

Over

2.5 times

today's level of port infrastructure needed to meet rising container-shipping demand

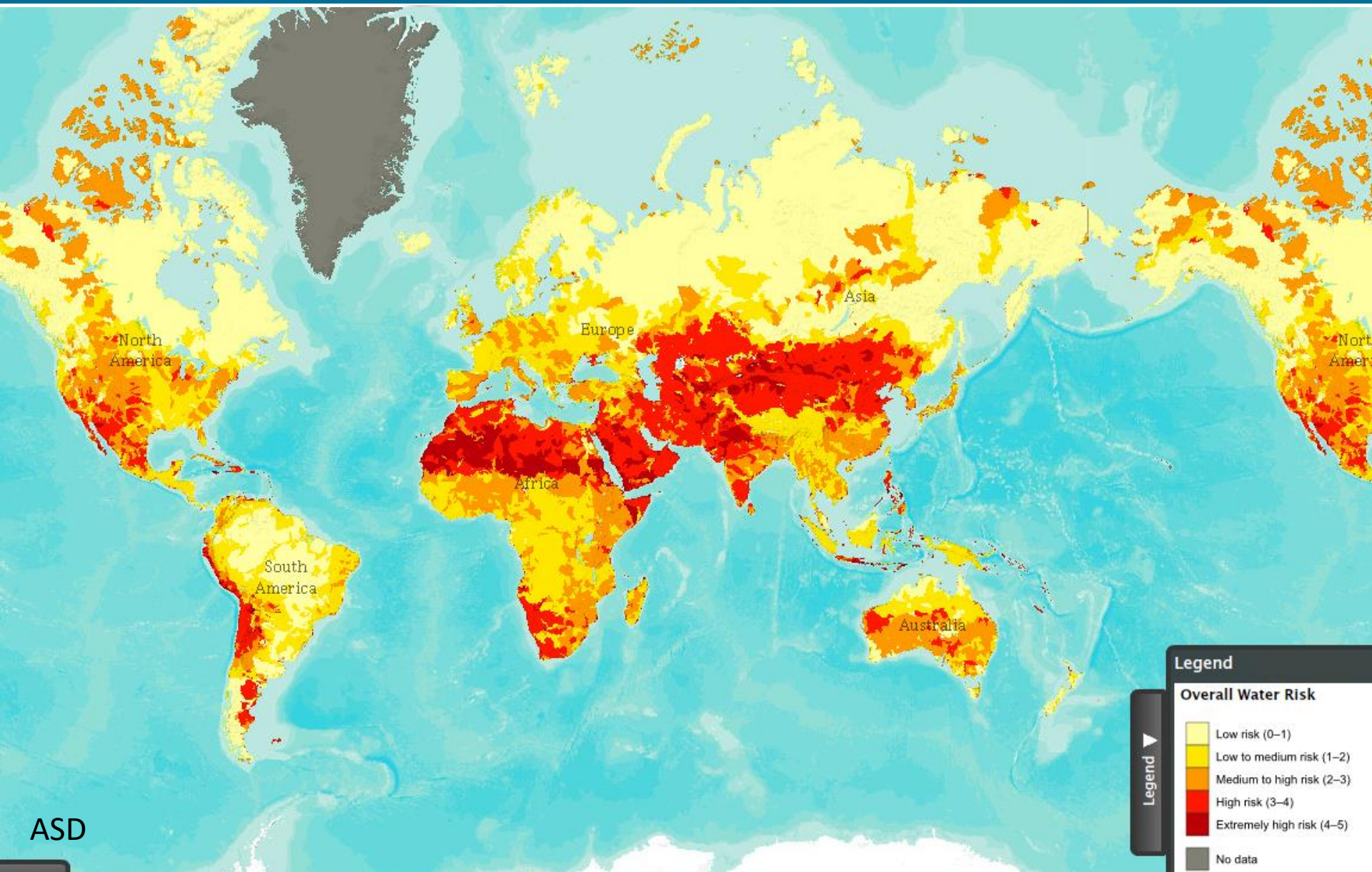


McKinsey Global Institute 2012
"Urban world: cities and the rise of the consuming class"

¹ The top 600 cities by their contribution to global GDP growth 2010–25.

² Emerging market cities in the City 600.

³ Floor space for commercial and residential buildings, including building replacement.



Legend

Overall Water Risk

- Low risk (0-1)
- Low to medium risk (1-2)
- Medium to high risk (2-3)
- High risk (3-4)
- Extremely high risk (4-5)
- No data

Security Impacts

- Human security
- Intra-state fragility
- Inter-state security





What to do?

- Removing knowledge gaps
- A specific type of adaptation
- “Integrated solutions”



The background of the slide is a photograph of a grand, multi-story brick building, likely a university or government building. It features a prominent clock tower on the left side with a large clock face. The building has a complex roof with many chimneys and decorative elements. The sky is a clear blue with some light clouds. The text is overlaid on the right side of the image.

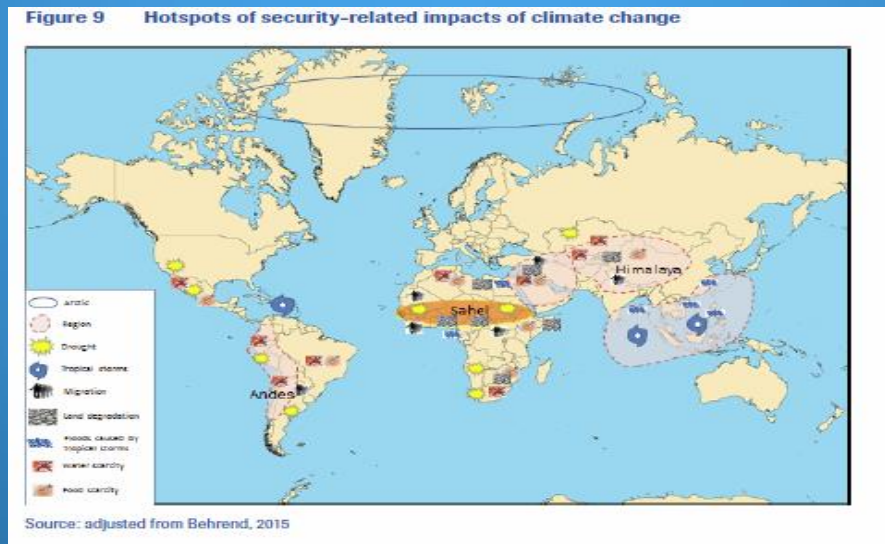
2015-18 Planetary Security Initiative

1. Strengthening the international community of practice on climate security, by facilitating a regular platform;
2. Internalize the Planetary Security concept in our policies and practice



PSC-3: 12-13 December 2017

- From Analysis to Action!
- Spotlight Countries Iraq, Lake Chad and Mali
- Migration and Urbanization





Uptake and follow up: globally....

- Climate security in the UNSC
- G7 work on Climate Fragility
- EU Global Strategy; CCs on Resilience
- UN Migration Compact
- Etc





Security Council

- Special Envoy on Climate Security
- “Institutional Home” in the UN
- Mainstreaming climate in prevention agenda (“root causes”)
- Water and security instrument





Uptake and follow up: .. locally!

- Planetary security meetings held in Amman, Bamako
- Next week: Beirut
- NL contributes to G7 Risk Assessment for Lake Chad
- Possible Planetary security meeting in Carribean region in 2018



Thank you!
Questions?



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See also:
www.planetarysecurityinitiative.org