

# **Jewelry Development Impact Index: Afghanistan and Myanmar**

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# Statement of Work

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- Objective: Human Security Impact in Afghanistan and Myanmar
  - How this impacts peoples' lives; vulnerabilities, etc.
- Continuation of research from Fall 2017
- Jewelry Development Impact Index (JDII)

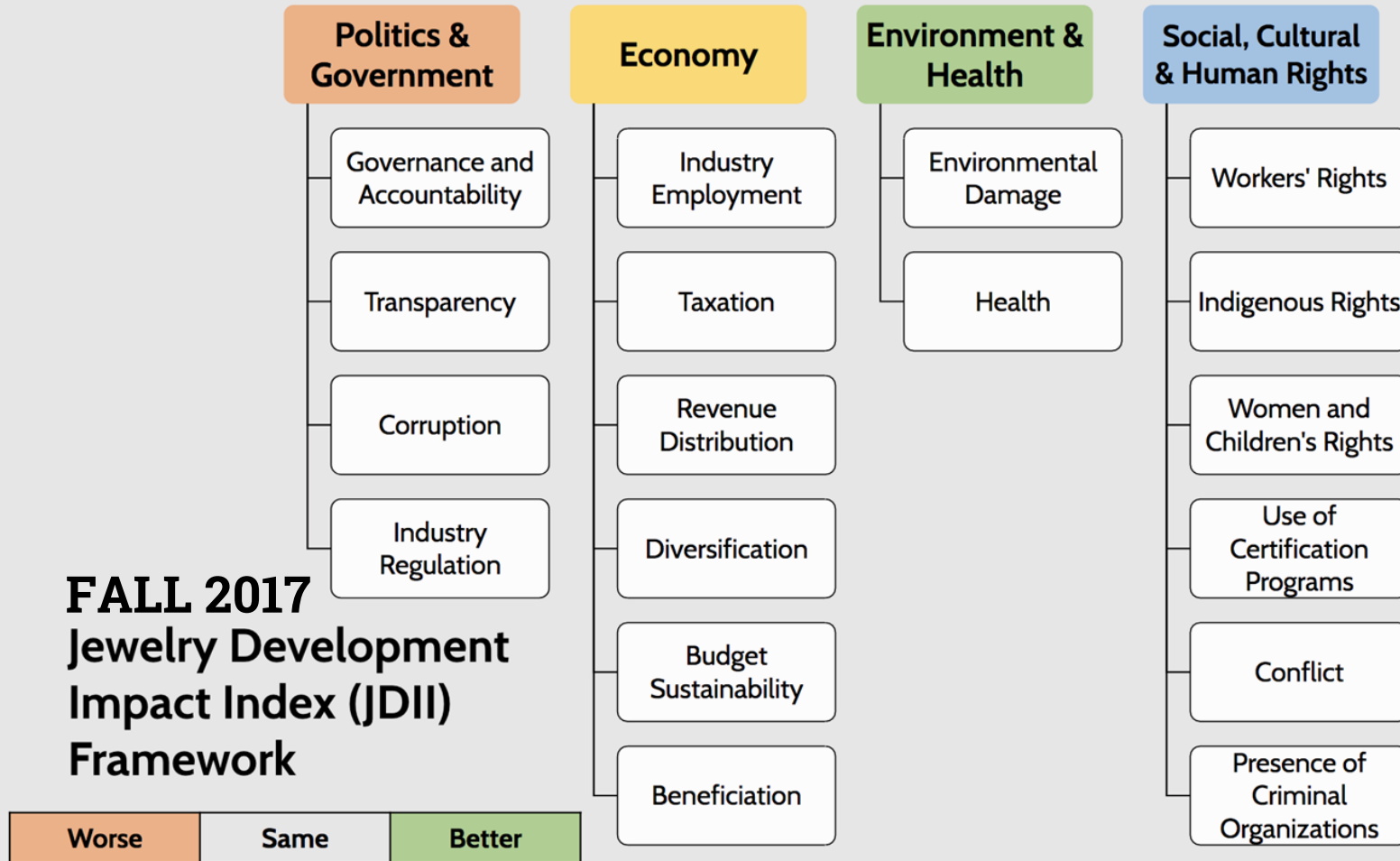


# Outline

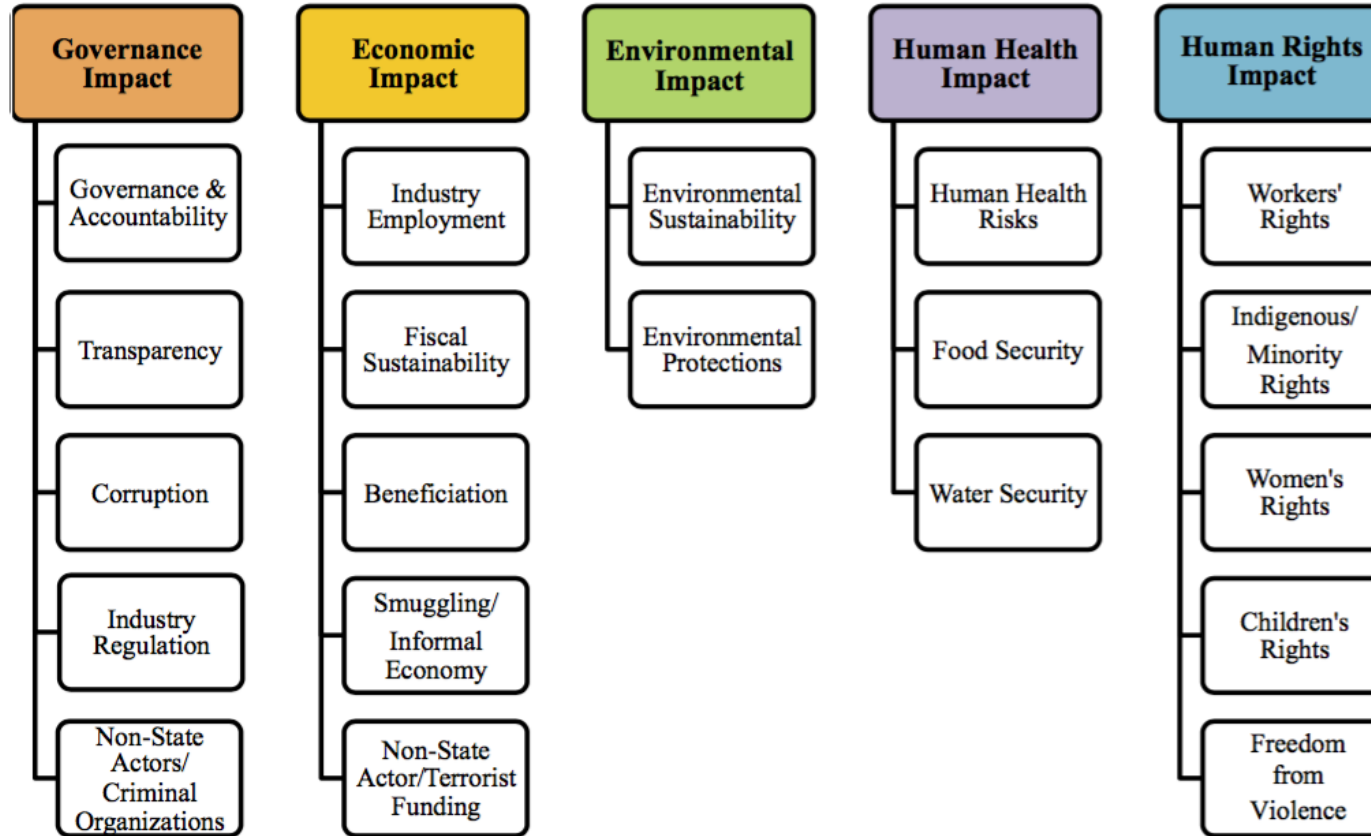
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- Framework and Measurement
- Mining Context - History and Culture
- Environmental and Health Impact
- Human Rights Impact
- Governance Impact
- Economic Impact
- Responsible Sourcing
- Results

# FALL 2017 Jewelry Development Impact Index (JDII) Framework



# Framework & Methodology



5 = Excellent  
4 = Strong  
3 = Moderate  
2 = Weak  
1 = Very Weak  
NR = Not-ranked

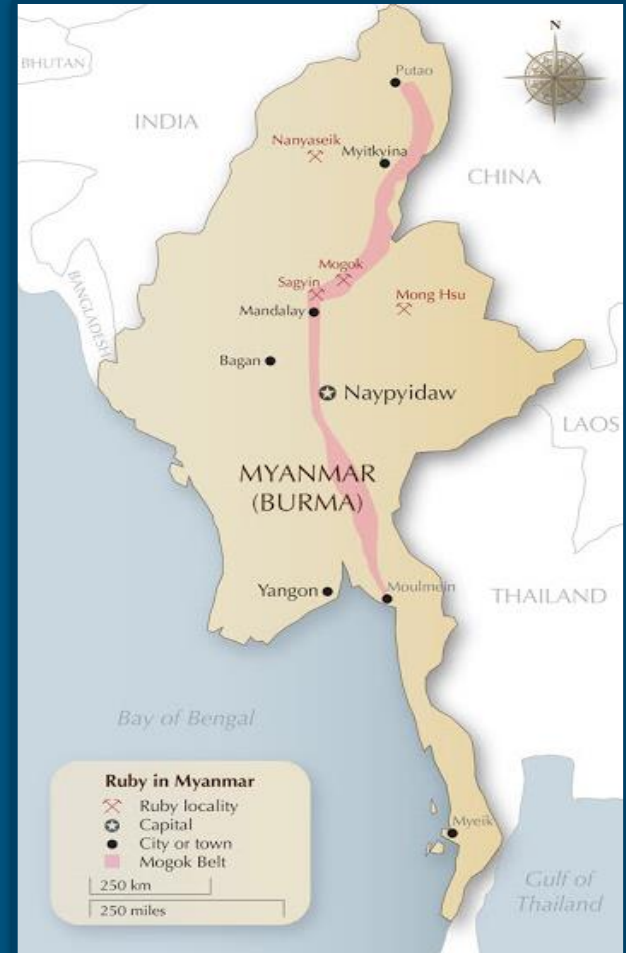
# Mining Context - Historical and Cultural

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- Critical component of local communities
- Way of life; livelihoods
- Mines are considered sacred ground in Myanmar

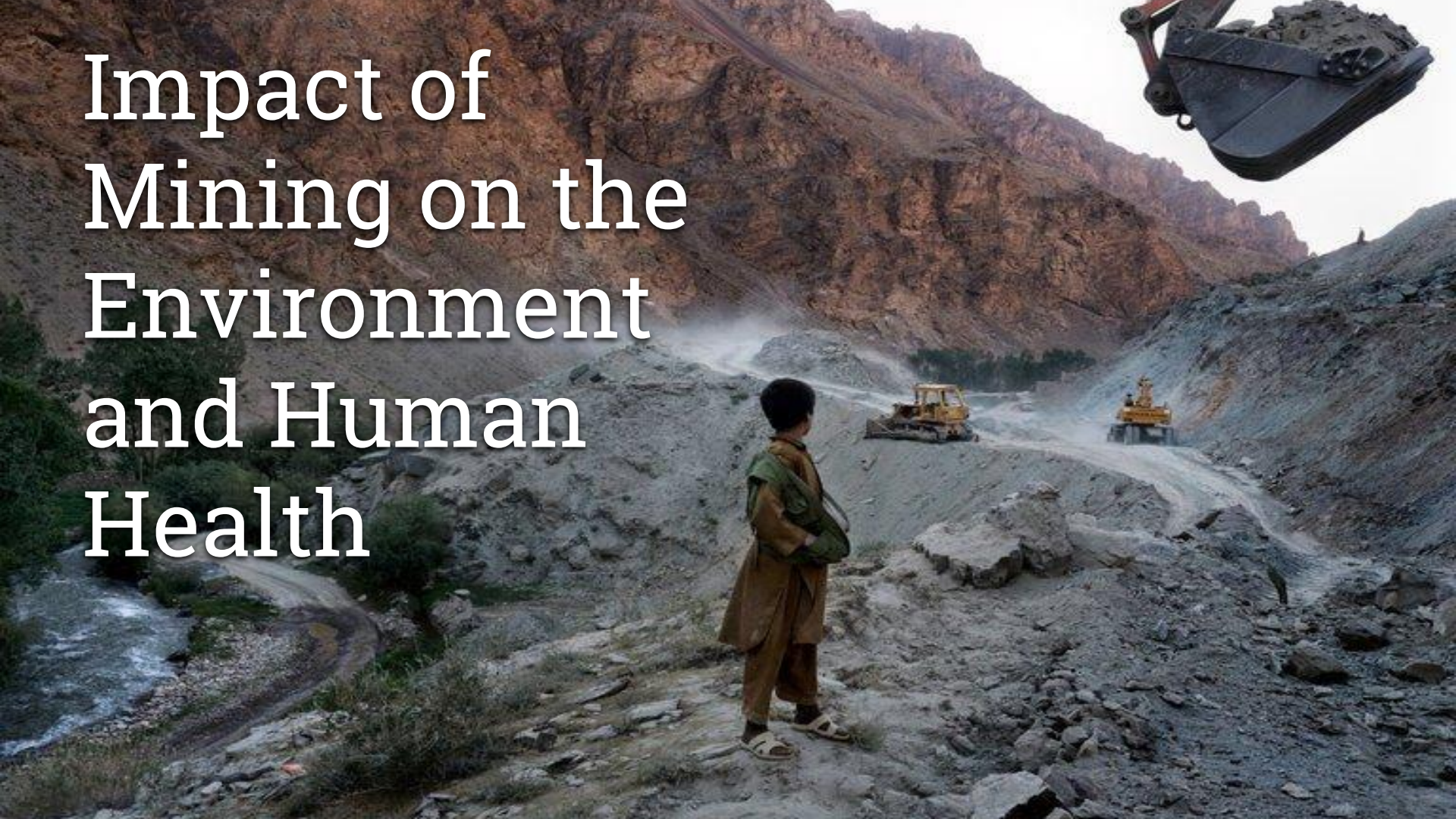


# Mining Regions





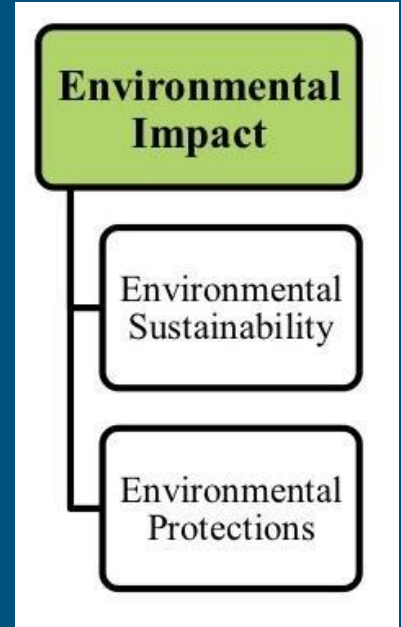
# Impact of Mining on the Environment and Human Health





# Impact of Mining on the Environment

	<u>Afghanistan</u>	<u>Myanmar</u>
Environmental Sustainability	Moderate	Weak
Environmental Protections	Weak	Moderate



# Impact of Mining on Human Health

## Afghanistan

## Myanmar

Health and Safety	Very Weak	Weak
Food Security	Very Weak	Weak
Water Security	NR	Weak

### Human Health Impact

Human Health Risks

Food Security

Water Security

# Impact of Mining on Human Rights



# Impact of Mining on Human Rights

## Afghanistan

## Myanmar

	<u>Afghanistan</u>	<u>Myanmar</u>
Workers' Rights	Weak	Weak - Moderate
Indigenous/Minority Rights	NR	Moderate
Women's Rights	Very Weak	Moderate - Strong
Children's Rights	Very Weak - Weak	Weak - Moderate
Freedom from Violence	Weak	NR

### Human Rights Impact

Workers' Rights

Indigenous/  
Minority Rights

Women's Rights

Children's Rights

Freedom from Violence



# Impact of Mining on Governance





# Impact of Mining on Governance

Afghanistan

Myanmar

Governance and Accountability	Very Weak	Very Weak
Transparency	Very Weak	Weak
Corruption	Very Weak	Weak
Industry Regulation	NR	Weak
NSA/Terrorist Presence	Very Weak	Moderate

## Governance Impact

Governance & Accountability

Transparency

Corruption

Industry Regulation

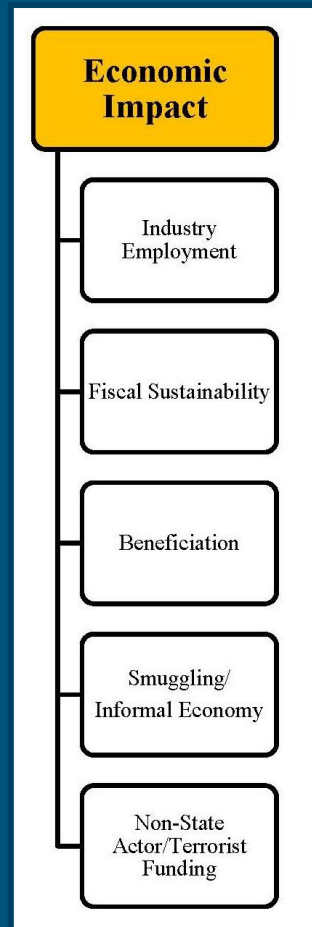
Non-State  
Actors/Criminal  
Organizations

# Impact of Mining on Economy



# Impact of Mining on Economy

	<u>Afghanistan</u>	<u>Myanmar</u>
Industry Employment	Weak	Moderate
Fiscal Sustainability	Very Weak	Moderate
Beneficiation	NR	Very Weak
Smuggling/Informal Economy	Very Weak	Very Weak
Non-State Actor/Terrorist Funding	Very Weak	Strong



# Responsible Sourcing

- Growing demand of responsible minerals
  - Kimberley Process, but stronger
- Very minor presence of responsible sourcing.
- “Genocide Gems”
  - Potential sanctions
- Difficulty of sourcing origins



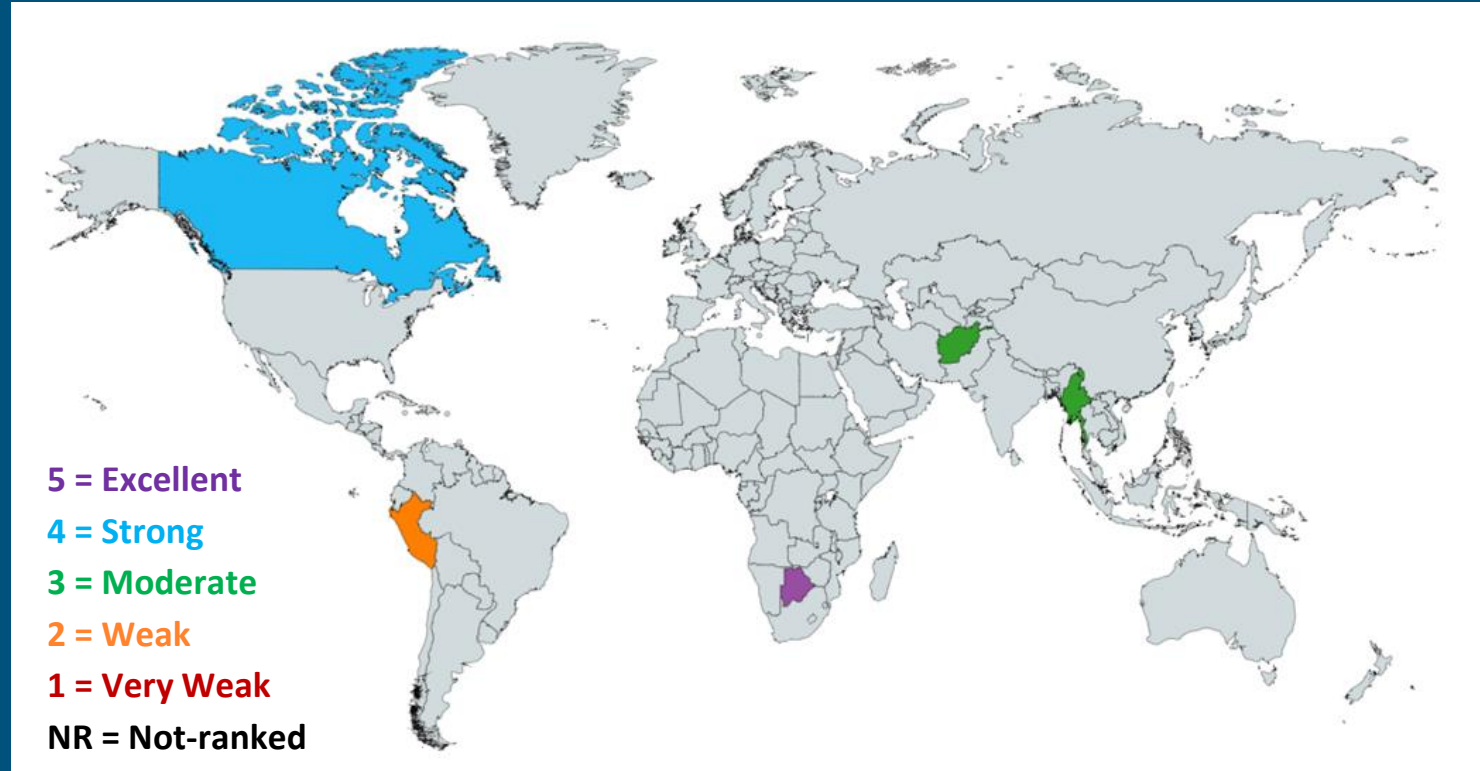


A close-up photograph of a person's open palm held over a large pile of wet, dark brown sand. The palm is holding a small cluster of tiny, multi-colored beads in shades of pink, purple, and blue. The sand is glistening with moisture. In the upper right corner, a portion of a metal sieve is visible. The word "RESULTS" is superimposed in large, white, serif capital letters across the center of the image.

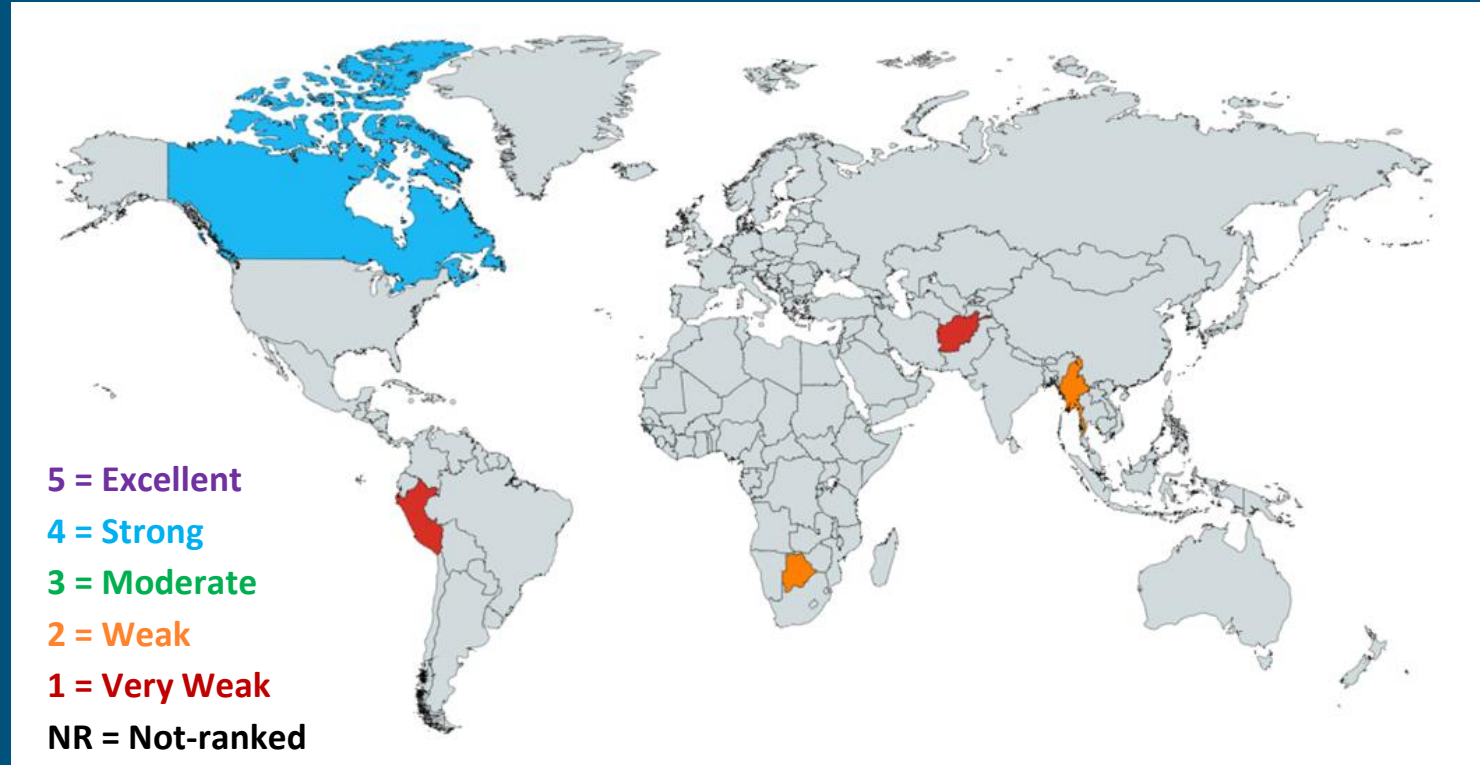
RESULTS



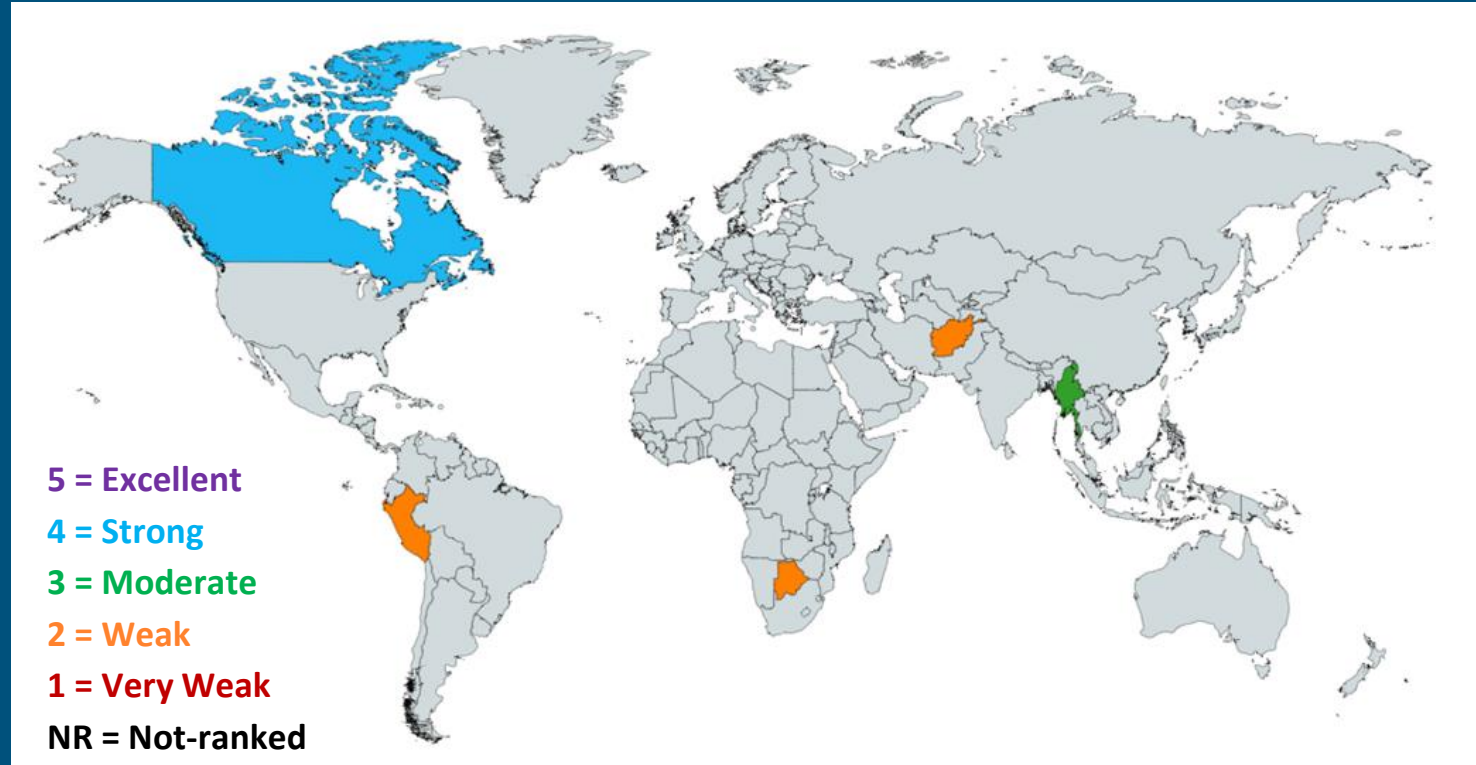
# Environmental Impact



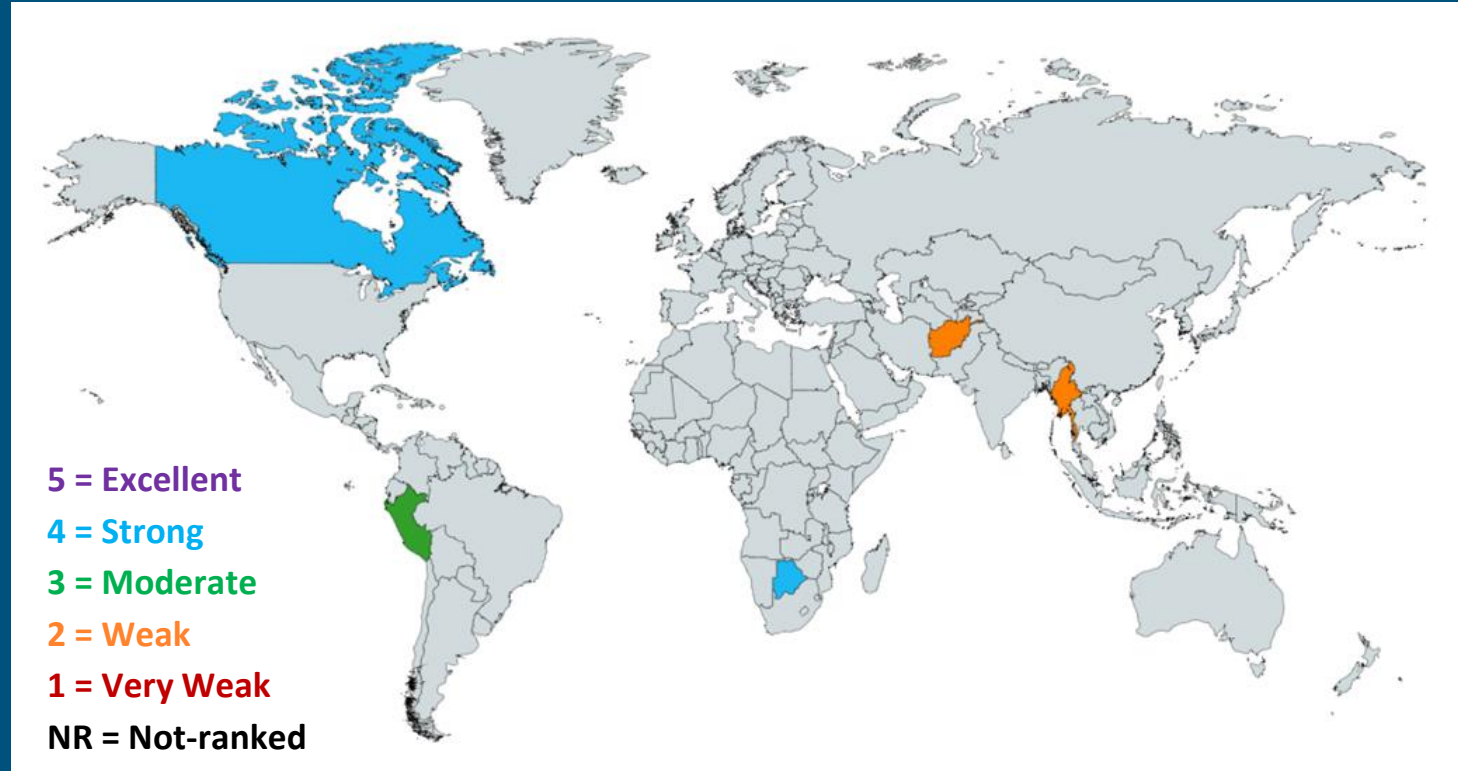
# Human Health Impact



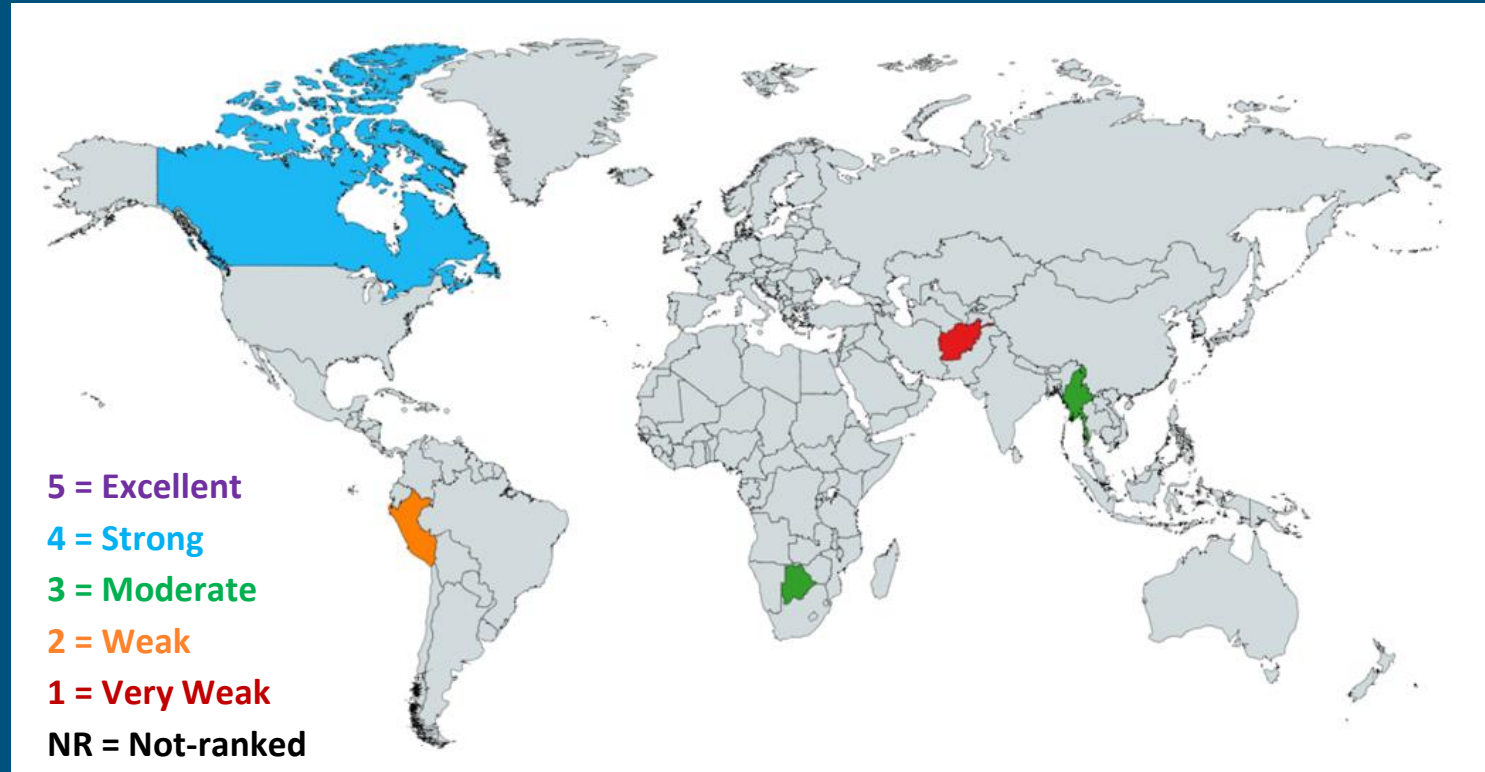
# Human Rights Impact



# Governance Impact

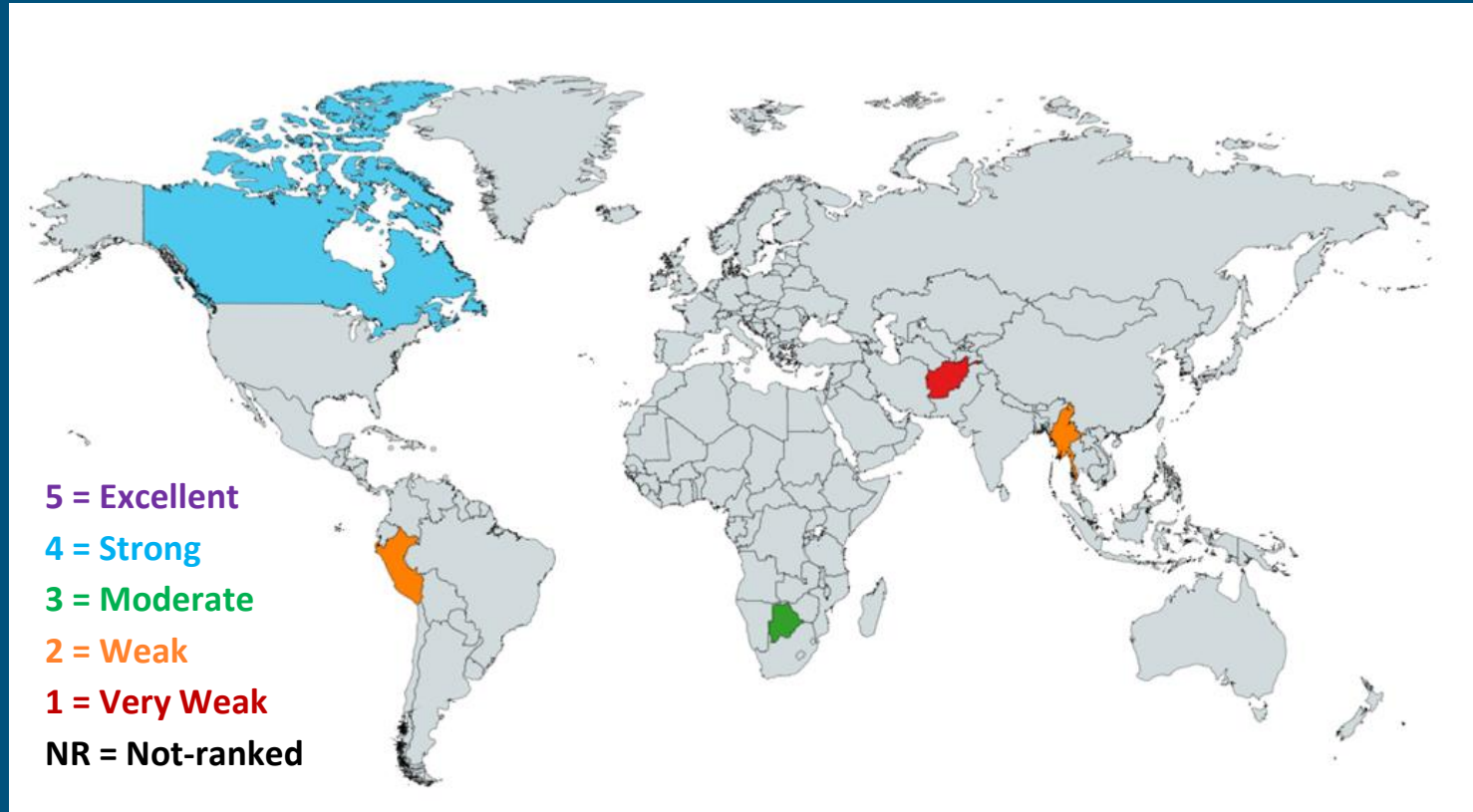


# Economic Impact





# Cumulative JDII Score



# QUESTIONS?

