Translating Sendai Framework to Action at Regional and Local Level

Sahar Safaie, Sage on Earth Consulting Ltd.

Based on findings and recommendations of UNISDR Words Into Action Guidelines on National Disaster Risk Assessment and National Disaster Risk Reduction Strategy

Outline

- Refresher on Sendai Framework

- DRR Governance System and Understanding Risk System

- Risk assessment maturity

2015-2030 Global Frameworks for Resilience

Targets on Sendai Framework

a. Reduce disaster **mortality**

b. Reduce number of **affected people**

c. Reduce direct disaster **economic loss** in relation to GDP

d. Reduce disaster **damage to critical infrastructure** and disruption of **basic services**

e. Increase national and local disaster risk reduction **strategies** (by 2020)

f. Enhance **international cooperation** to developing countries

g. Increase availability of and access to **multi-hazard early warning systems**, disaster **risk information and assessment**

Sendai Framework for Disaster Risk Reduction

2015 - 2030

Risk informed DRR Measures

Economic
Structural
Legal
Social
Health
Cultural
Educational
Environmental
Technological
Political

Preventing creation of new disaster risk

Reducing existing disaster risk

Managing residual risk

Risk informed measures that build resilience and that are integrated and inclusive of whole-of-society

From UNISDR

What is a successful risk assessment?

A successful risk assessment provides the intended users with

(i) information about the risk that they are exposed to with clear understanding of its characteristics and complexities; and

(ii) empowers them in their decisions, functions, and operations to manage that risk

This means the outputs of the risk assessment are accessible, understandable, usable, and relevant to the users

And the process of conducting risk assessment creates the ownership, understanding and trust for users

MIRRORING

DRR Governance System

Multi-sectoral and multi-hazard with interactions and communications among sectors

Top Down and Bottom Up approaches

Inclusive of whole of society

With technical and administrative capacities of all actors

With financial resources

With monitoring, evaluation, and learning

With strategies and plans for continuous enhancement

Understanding Risk System

Multi-sectoral and multi-hazard with interactions and communications among sectors

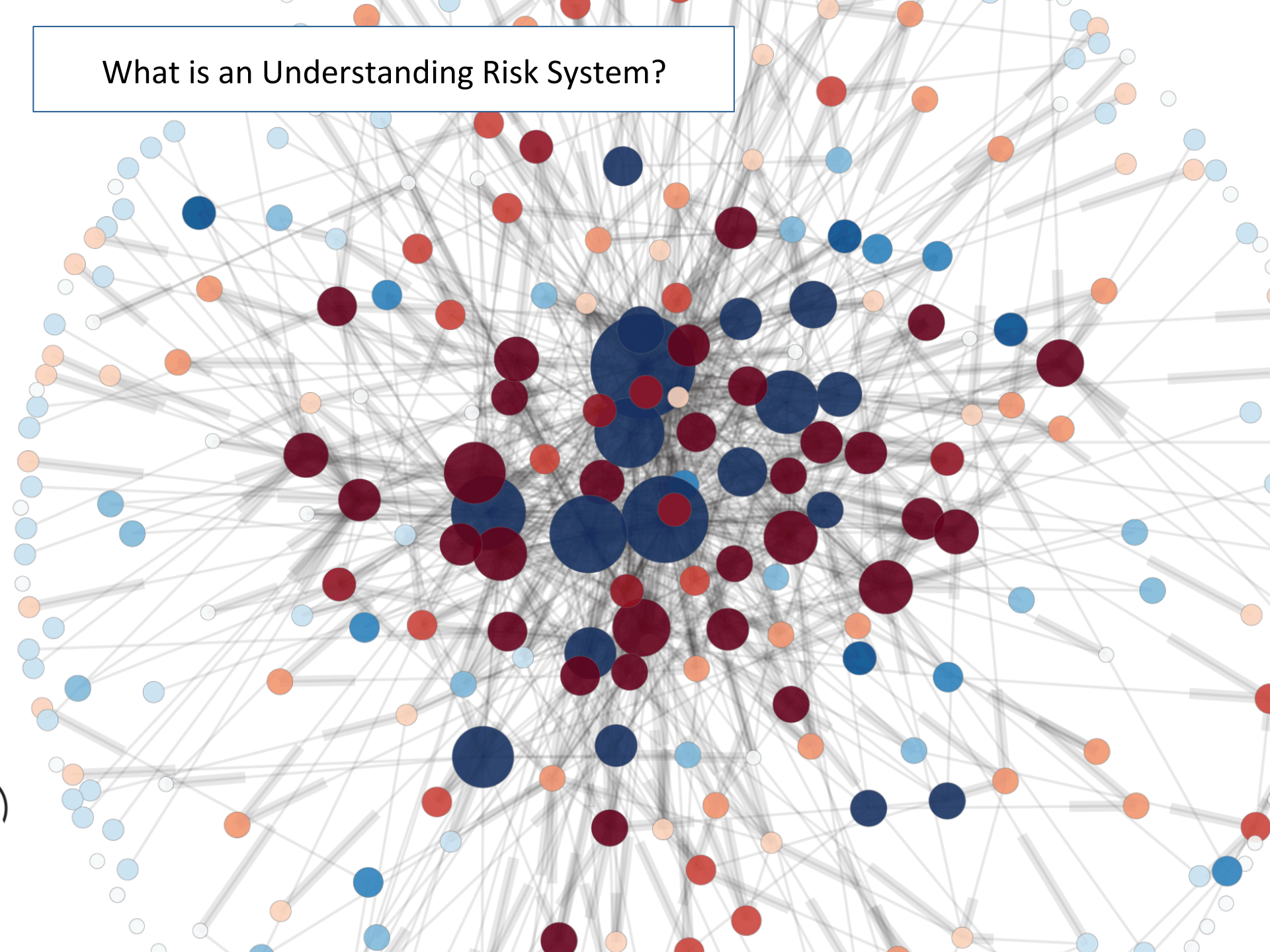Top Down and Bottom Up approaches

Inclusive of whole of society

With technical and administrative capacities of all actors

With financial resources

With monitoring, evaluation, and learning

With strategies and plans for continuous enhancement

What is an Understanding Risk System?

What is an Understanding Risk System?

- Governance mechanism includes the legal frameworks, institutional set up (i.e. leading agency/s), financing, required capacities, etc.

- Multi-sector and Multi-Stakeholder participation:

  o Public sector (various sectors)
  o Private sector (i.e. insurance, engineering, construction, manufacturing, trade, SME)
  o Academia and technical institutions
  o Representatives of general public, civil society specially vulnerable groups

- Norms of operations including data sharing, data security, and terms of use for public and private

- Risk modeling methodologies and tools

- Data management: data management platform, standards and quality, sharing modality both technology and operations, open data strategy

- Managing results: accessible and understandable data for all users, from data to information to knowledge for various audience, communication with general public

- Understanding and using results: capacities for understanding results including limitations and uncertainties, linkage with DRR decision

BC Regional Hub for Understanding Risk?

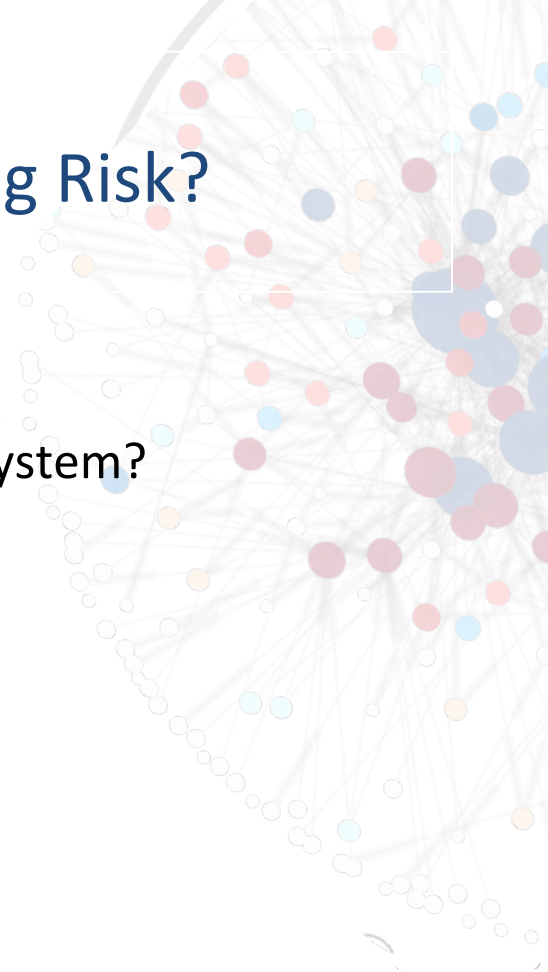What are the steps for creating BC's Understanding Risk System?

Which nodes/components are already in place?

How can they be connected?

What nodes/components are missing?

Who can lead and convene?
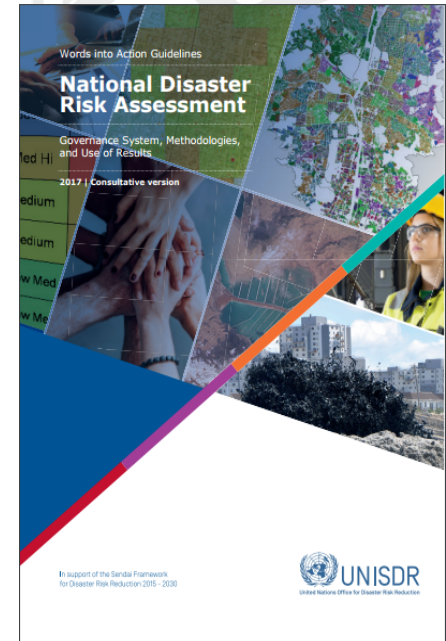
What role can you play?

Introducing Two UNISDR Guidelines

1. Words into Actions Guidelines on National Disaster Risk Assessment:

https://www.unisdr.org/we/inform/publications/52828

2. Words into Action Guidelines on National Disaster Risk Reduction Strategy (Under Editing and Design). Available late May.

Thanks!

Contact: sahar.safaie@SageOnEarth.ca