

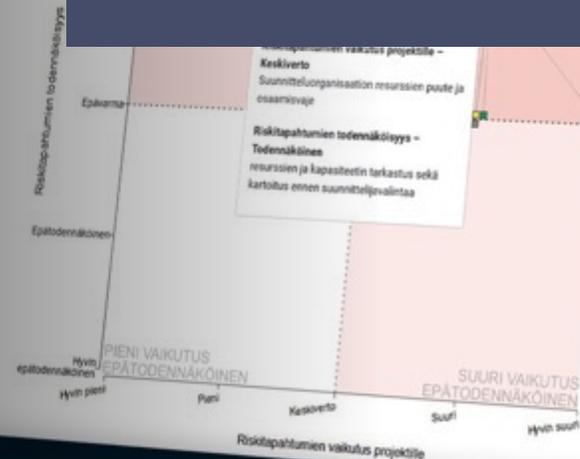


Managing Complex Risk with Technology

Building Common Understanding

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Content

- Global scenarios
 - Ukraine war scenarios
 - NATO-Russia escalation scenarios
 - Asia scenarios
- Emerging global threats
- Peace Mediation with Technology
- Risk Analysis Modern Technology

World Views Collide



Putin, Photo: Suomen Kuvalehti



Trump, Photo: NBC



Rishi Sunak, Photo: Leon Neal



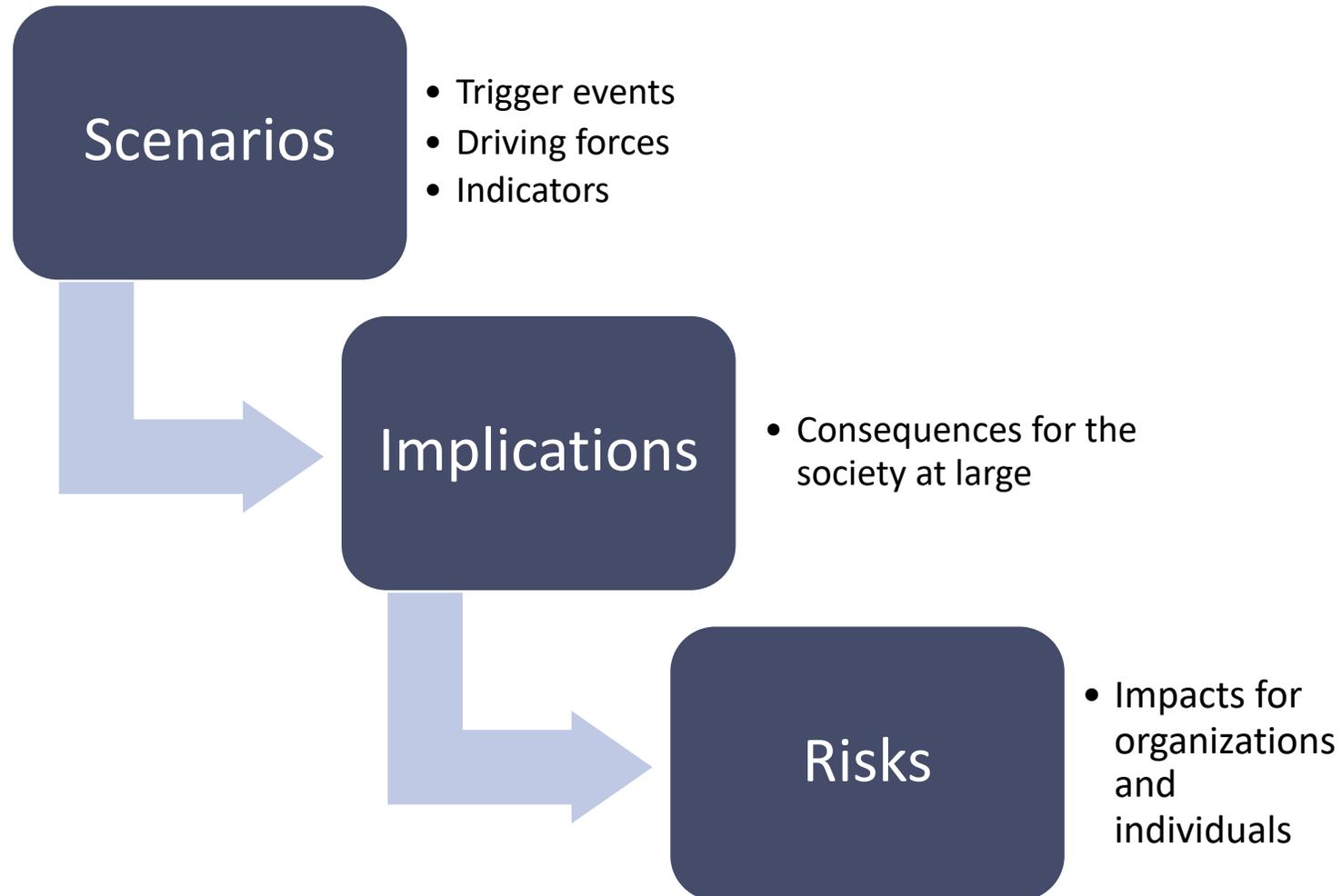
Xi Jinping, Photo: Politico

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Key Scenarios

- **Russia – Ukraine War → Ongoing**
- **Russia's internal crisis → Almost certain**
- **Russia – Nato Escalation → Likely**
- **China – Taiwan / US War → Possible**
- **US Internal Power Struggle → Uncertain**

From Scenarios To Risks



Russia loses



Key events

- Increasing **heavy defensive** assistance from NATO members and the EU
- Ukraine's military resistance stop and **successfully counters** Russia's advance
- Europe **withstands the energy crisis** in the winter 2022-2023
- Sanctions see rounds 9-15 and **Russian economy is collapses**
- Putin needs to resort to **full mobilization** of troops from reservists
- **Public opinion in Russia turns** against war in Ukraine
- Putin in fear of **mass protests orders a withdrawal** of his troops from all of Ukraine's territories OR **command chain breaks** OR **frontline collapses**
- Ukraine remains a **sovereign democracy**
- Moscow's defeat accelerates **domestic discontent**
- Putin is **overthrown** in March during 2024 presidential elections

Probability: Possible

Ukraine loses



Key events

- **Ukraine collapses** under the weight of the Russian invasion
- **NATO** is united, but **helpless** to reverse the loss
- Russia manages to topple Ukraine's government and install a puppet regime
- Ukrainians mount a broad-based, well-armed, and well-coordinated **insurgency against the invaders**. Any resistance is put down with brutal force.
- This insurgency gets covert, but **very robust defensive assistance** from the West
- In **10 years into the invasion Russia withdraws** after the losses become unbearable

Probability: Very Unlikely

Nato-Russia War



Key events

- Nato members step up supplies of **heavy weaponry**
- Reinforcement of Nato troops in **Poland and Baltic states**
- **Finland and Sweden** becomes Nato members
- **Sanctions crushing** ordinary people in Russia
- Russian military is **stretched to the absolute limits**
- Russia blames **US for Nord Stream** and **Ukraine on dirty bomb plan**
- Russia uses **WMD (gas, nuclear or dirty bomb)** in Ukraine
- Nato fires **cruise missiles on Russian bases in Ukraine**
- **Ultimatum for nuclear retaliation**
- Russia launches two **more tactical warheads** are launched, now into Poland
- **World war III begins** with series of nuclear-weapon exchanges

Probability: Very unlikely **Probability:** Possible

Scenario 4

Peace is achieved



Key events

- Tensions rise to new highs with nuclear escalation
- Parties find **mutual ground for negotiations**
- Peace conference agrees a **deal ensuring Russian withdrawal**
- Ukraine adopts a new posture **as a neutral state**
- Status of **Crimea, Herson, Zaporizhka and Donbas are settled**
- **START III** agreement is forged
- **Putin retires** peacefully
- A Russian **coalition government renewing relations** to the West is formed
- **Economic rebound** across the world

Probability: Unlikely

Scenario 5

Stalemate, long frozen, hot conflict



Key events

- **No military solution in sight**
- After a series of offensives a **ceasefire is negotiated**
- Russian demands and Ukraine's regional status are discussed in a **peace conference**, but a political settlement is not seen for the next several years
- The ceasefire is broken often as both parties **re-group and does occasional offensives**
- In 2024 promising peace negotiations fail and a **continuation war begins in 2025**
- **Death of Putin in 2027** provides a window of opportunity, but the new Russian leader is a hard liner and will not withdraw from Ukraine

Probability: Likely

Stalemate, long frozen, hot conflict

Possible implications

- **Oil Price** over 100 USD in 2023, Europe plunges into recession
 - **Slow global economic growth** for years
 - The **Democratic Party loses control** in US presidential elections, further radicalization of the Republican Party
 - **US double downs military aid** for Ukraine
 - **EU embargo on Russian energy** is set
 - **EU publics are increasingly angry**
 - **Palace coup fails to overthrow Putin** and totalitarian rule tightens
 - **Arab spring 2.0**, regional turmoil, refugees and instability to Europe
- Also **climate refugees flows** more and more from North Africa and Middle East
 - **Global arms race intensifies**
 - **Internet splinters** further
 - **International cooperation in all forms** disintegrates and becomes harder
 - **China supports Russia** economically
 - **China's new military posture**
 - **US trade war with China** intensifies as US supports Taiwan openly
 - **A "Ukraine in Asia"** is possible with Chinese attack/invasion in Taiwan





Source: <https://www.geostrat.fi>



Sisäministeriön viisi vuotta sitten julkaisema raportti kuvasi eri skenaarioita itärajalla poikkeusoloissa. Raportti on nyt hyytävää luettavaa. KUVA: AFP / LEHTIKUVA, SASU MÄKINEN / LEHTIKUVA, LAURI HEINO / LEHTIKUVA

KOTIMAA

Kommentti: Vaiettu raportti paljastaa hyytävän uhkakuvan – Putinin diktatuurin ajautuminen kaaokseen voi tarkoittaa suomalaisille ikäviä asioita

Putinin Venäjän kuolinkamppailu koskettaisi suomalaisia enemmän kuin raakalaismainen sota Ukrainassa. Viisi vuotta vanha sisäministeriön raportti on nyt todella hyytävää luettavaa, kirjoittaa pääkirjoitustoimittaja Timo Paunonen.

Iltalehti
7.10.2022

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Direct Military Threat

“I repeat, nothing is threatening Finland militarily.”

Sari Essayah, KD, Chair

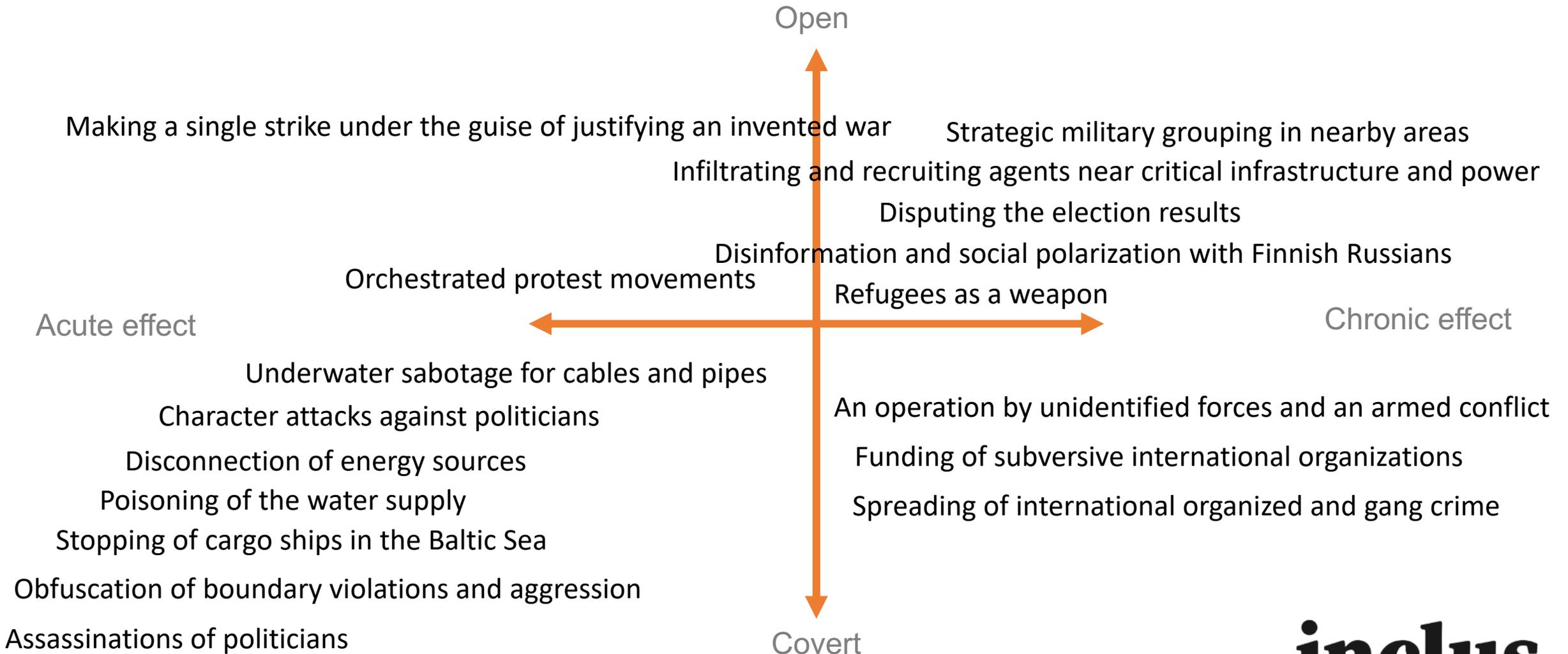
Kouvola Security Conference 24.10.2022



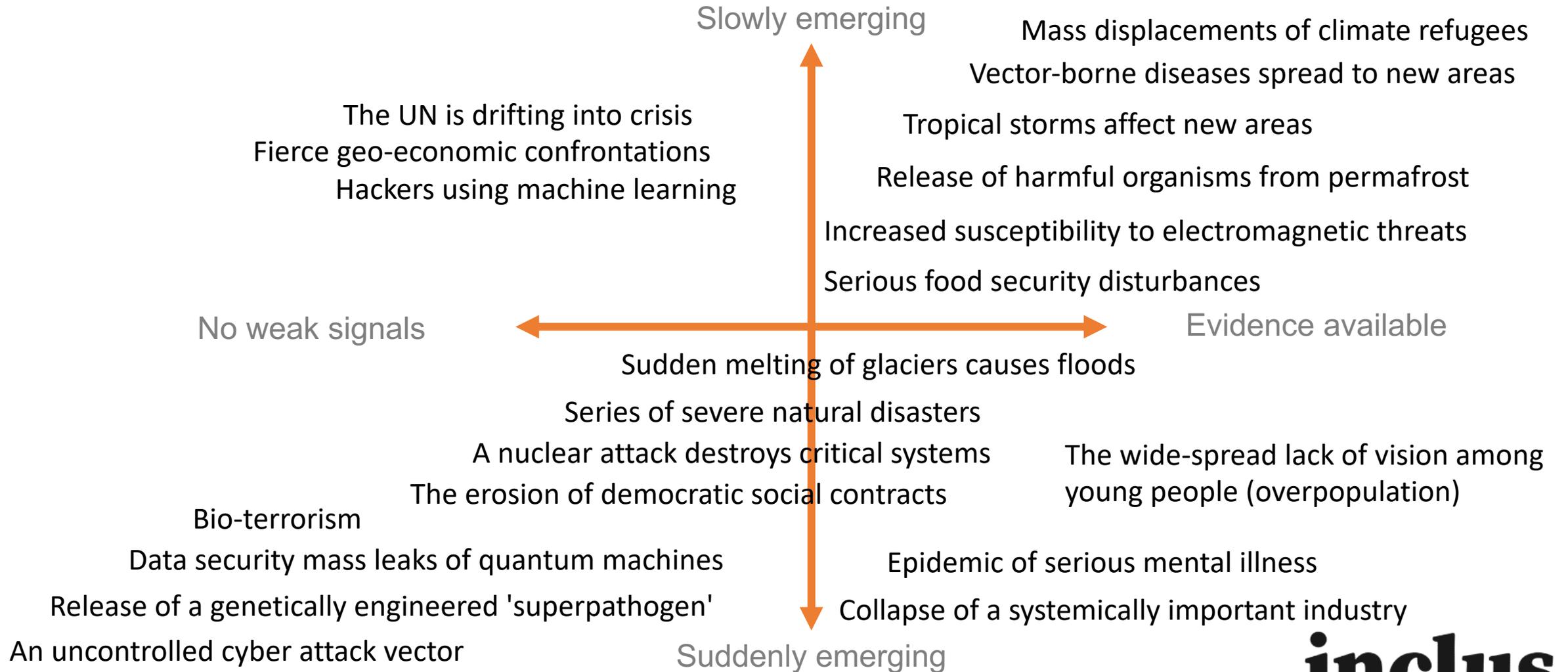
Threat = Intent x Capability

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The spectrum of hybrid threats



Rising global risks



Inclus is a Spin-off

A?

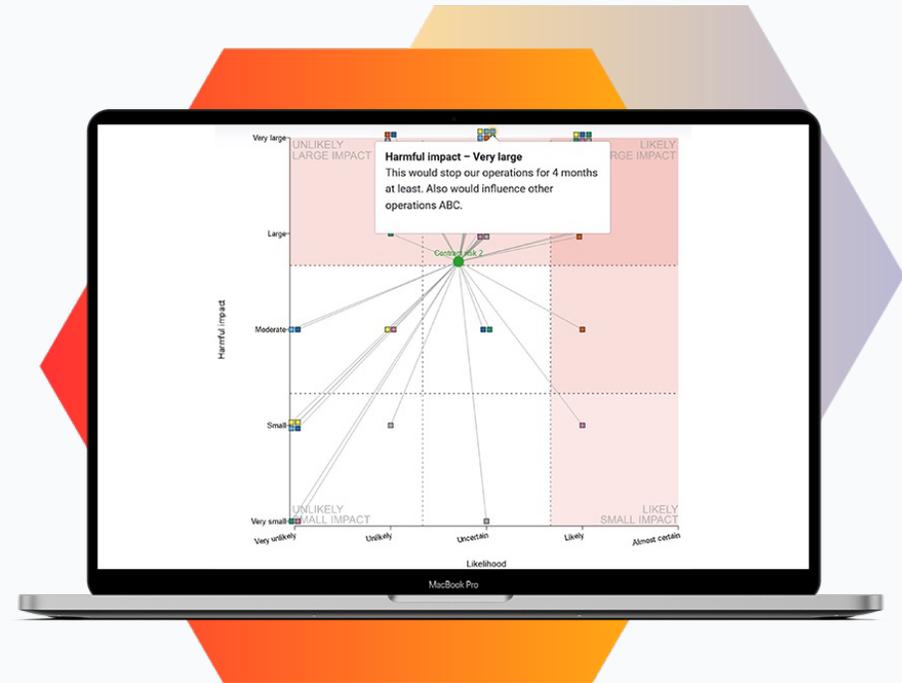
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Aalto University
Systems Analysis Laboratory

Martti Ahtisaari
Peace Foundation

Inclusive Risk Management



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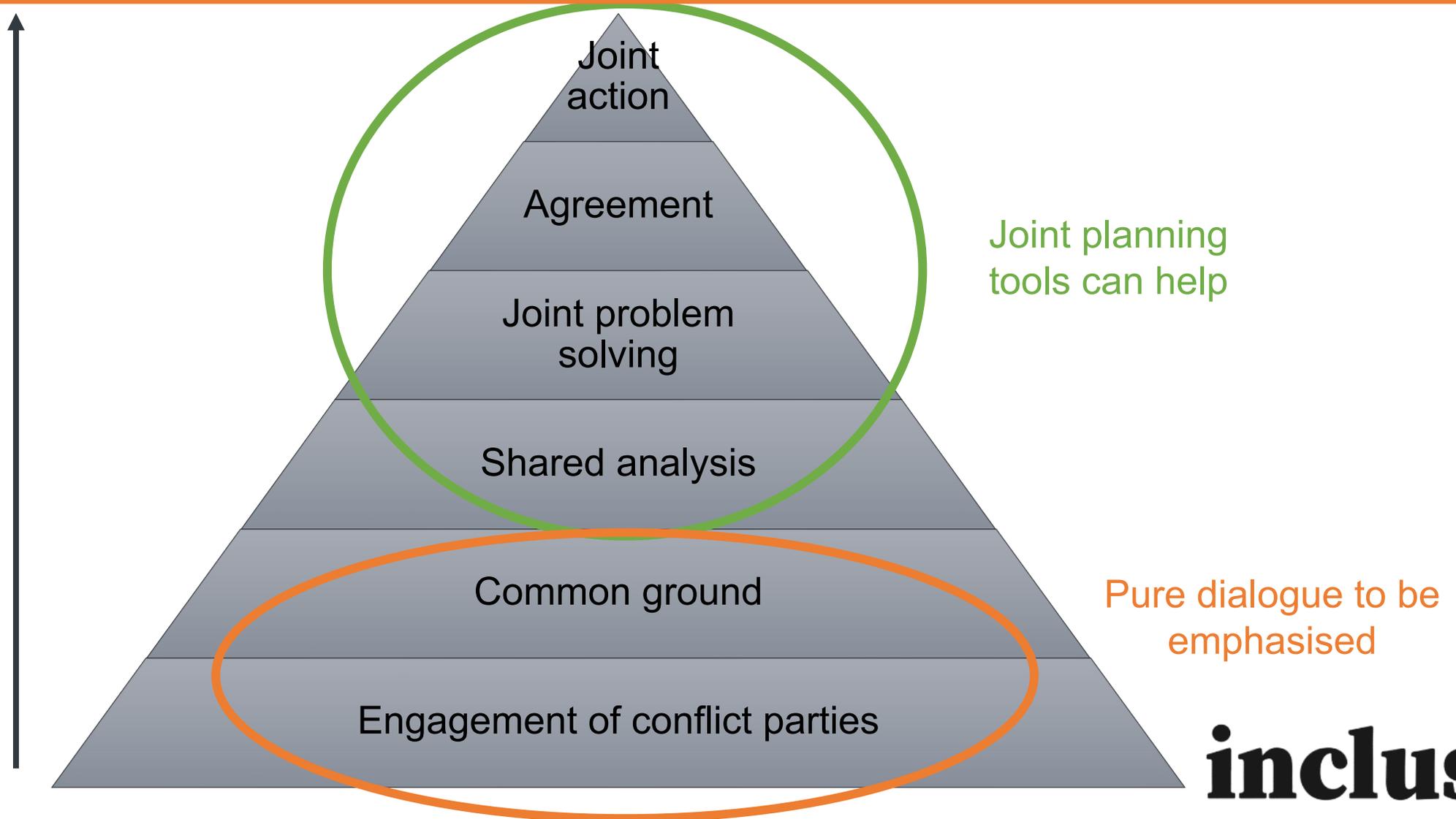
Projects at CMI – A long history of expertise

- **Cases**

- Issue analysis with direct conflict parties
- Regional foresight projects
- Inclusion of wider groups of people



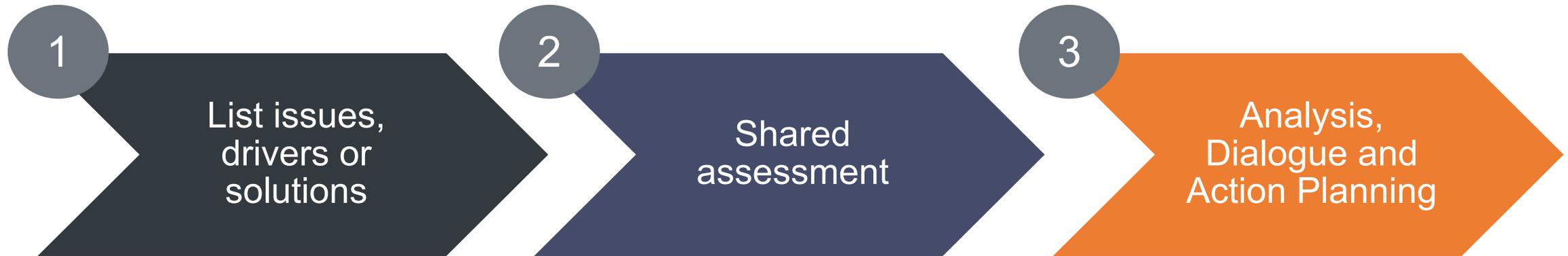
Mediation pyramid



Source:
Matveev, Denis;
McCarthy, Clem

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Shared analysis as part of a peace process

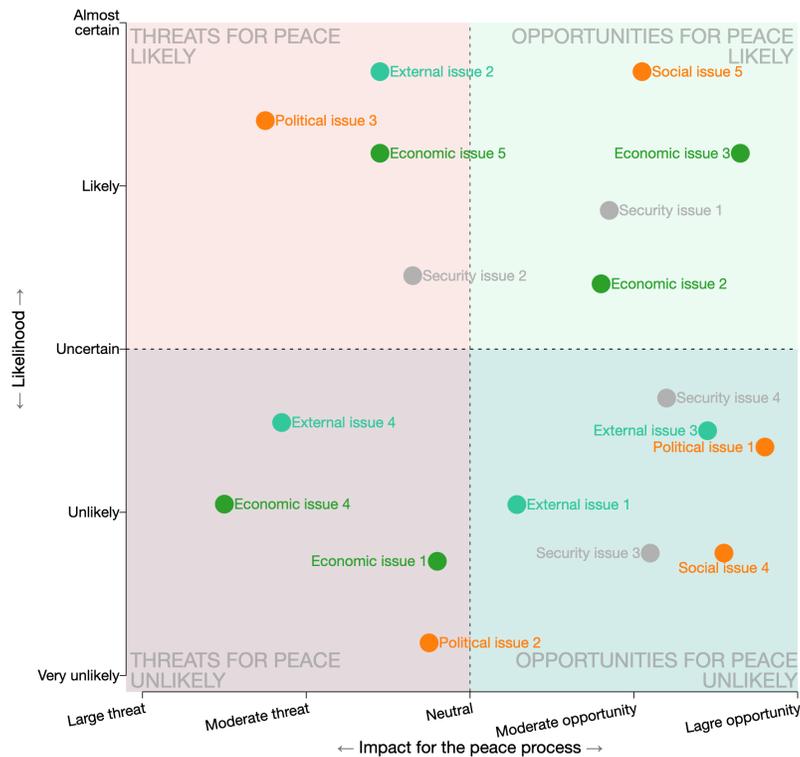


- Security
- Political
- Judicial
- Economic
- Social
- Environmental
- Technology
- Infrastructure
- Land ownership

- Importance
- Urgency
- Threats
- Opportunities
- Impact
- Probability

- Understanding differences and commonalities
- Seeing and setting priorities
- Action planning

Issue mapping and shared analysis



Categories

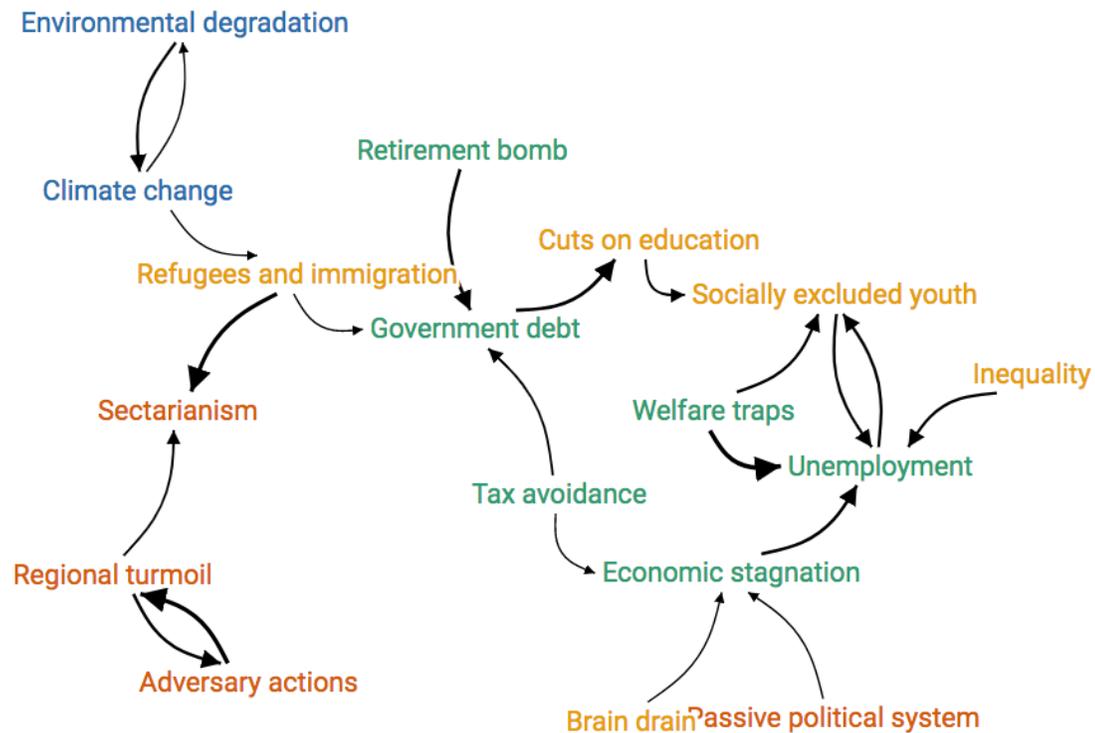
- Socio-political issues
- External issues
- Economic issues
- Security issues

Participants

- Group A (7)
- Group B (8)
- Group C (6)

- What issues are driving the conflict?
- What are the most pressing issues for different parties?
- What are threats and opportunities for the peace process?

Cross-impact analysis of issues



- How does issues affect each other?
- Solving what would help what?
- What should be tackled first?

Choose trends *Cuts on education* most strongly impacts:

- | | | |
|---|---|---|
| <input type="checkbox"/> Brain drain | <input type="checkbox"/> Eating and drinking habits | <input type="checkbox"/> Inequality |
| <input type="checkbox"/> Refugees and immigration | <input type="checkbox"/> Socially excluded y | |
| <input type="checkbox"/> Adversary actions | <input type="checkbox"/> Passive political sy | |
| <input type="checkbox"/> Sectarianism | <input type="checkbox"/> Climate change | |
| <input type="checkbox"/> Cybercrimes | <input type="checkbox"/> Economic stagnation | <input type="checkbox"/> Global competition |

Yemen's Peace Process



Yemen

- Peace talks advances on short term and de-escalating issues
- There is a need for more long term shared strategy where CMI helps the conflict parties

Foresight method

- Participatory analysis of conflict drivers
- Importance and need for further agreements
- Cross-impact analysis of solutions
- Also intra-group prioritisation of recommendations

Benefits

- Identifying top priority issues for long term peace talks
- Identifying which issues should analytically be solved before others issues
- Willingness to continue shared analysis for the peace talks
- Also intra-group priorities developed





Iraq Reconciliation



- **Iraq national reconciliation strategy development**
 - During the rise of ISIS a momentum for national reconciliation arose
 - Reconciliation required fixing of root causes and development of a shared vision for the future Iraq
- **Foresight method**
 - Mapping future objectives for all of governments functions
 - Seeing the roadmap from today to future reconciliation
- **Benefits**
 - Ability to plan for the collective future of Iraq
 - A national strategy developed
 - Common vision and roadmap for reconciliation



Moldova-Transdniestr

- **Moldova-Transdniestr**
 - Long standing peace talks, where partial agreements have been possible
 - Parties were ready for shared analysis of the obstacles and opportunities of the peace process
- **Foresight method**
 - Analysing all external and internal political trends and drivers that affected the peace process
- **Benefits**
 - Preparing for different scenarios together
 - Finding win-win solutions on border and trade issues
 - Avoiding common threats



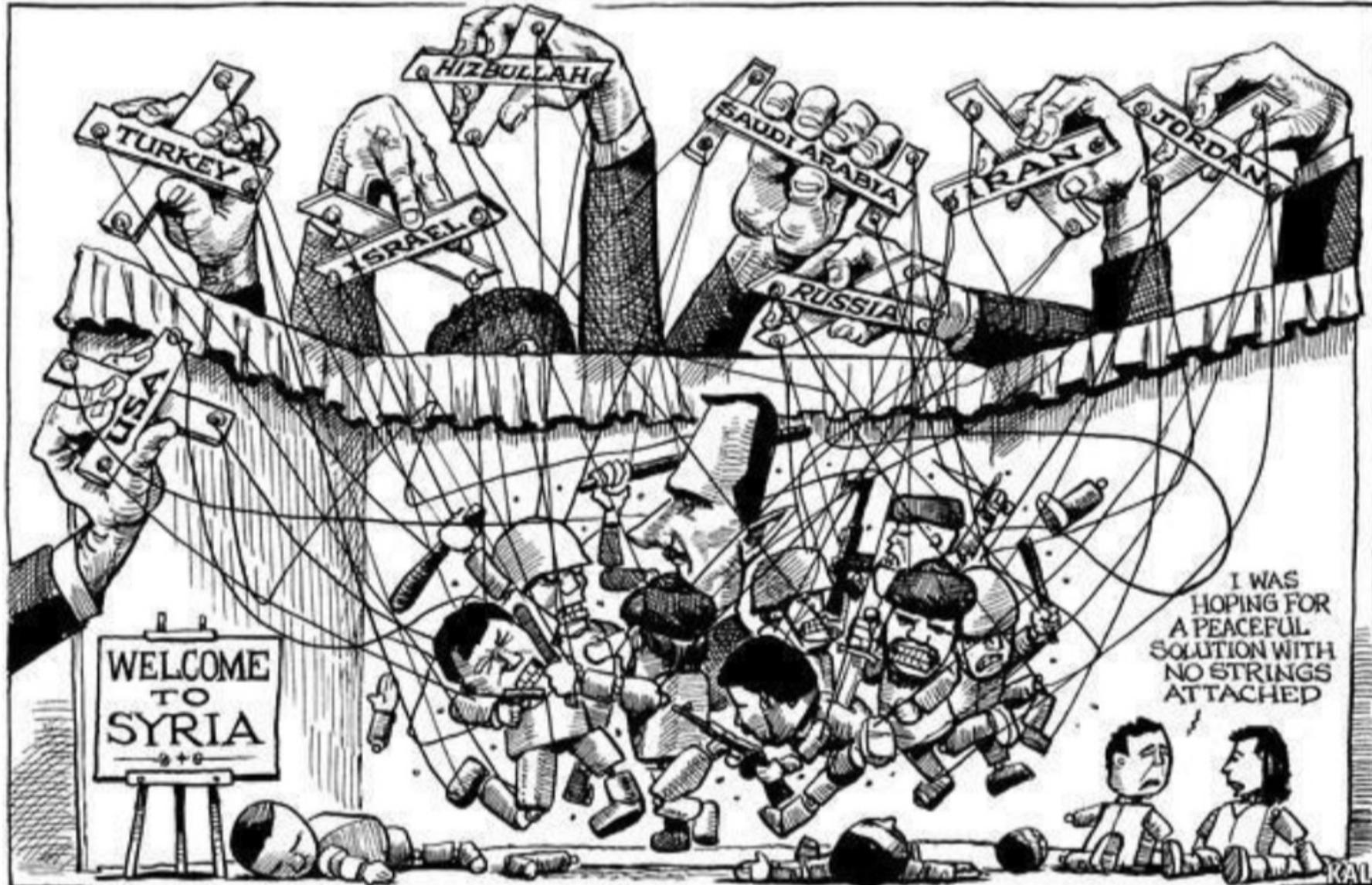


Other projects

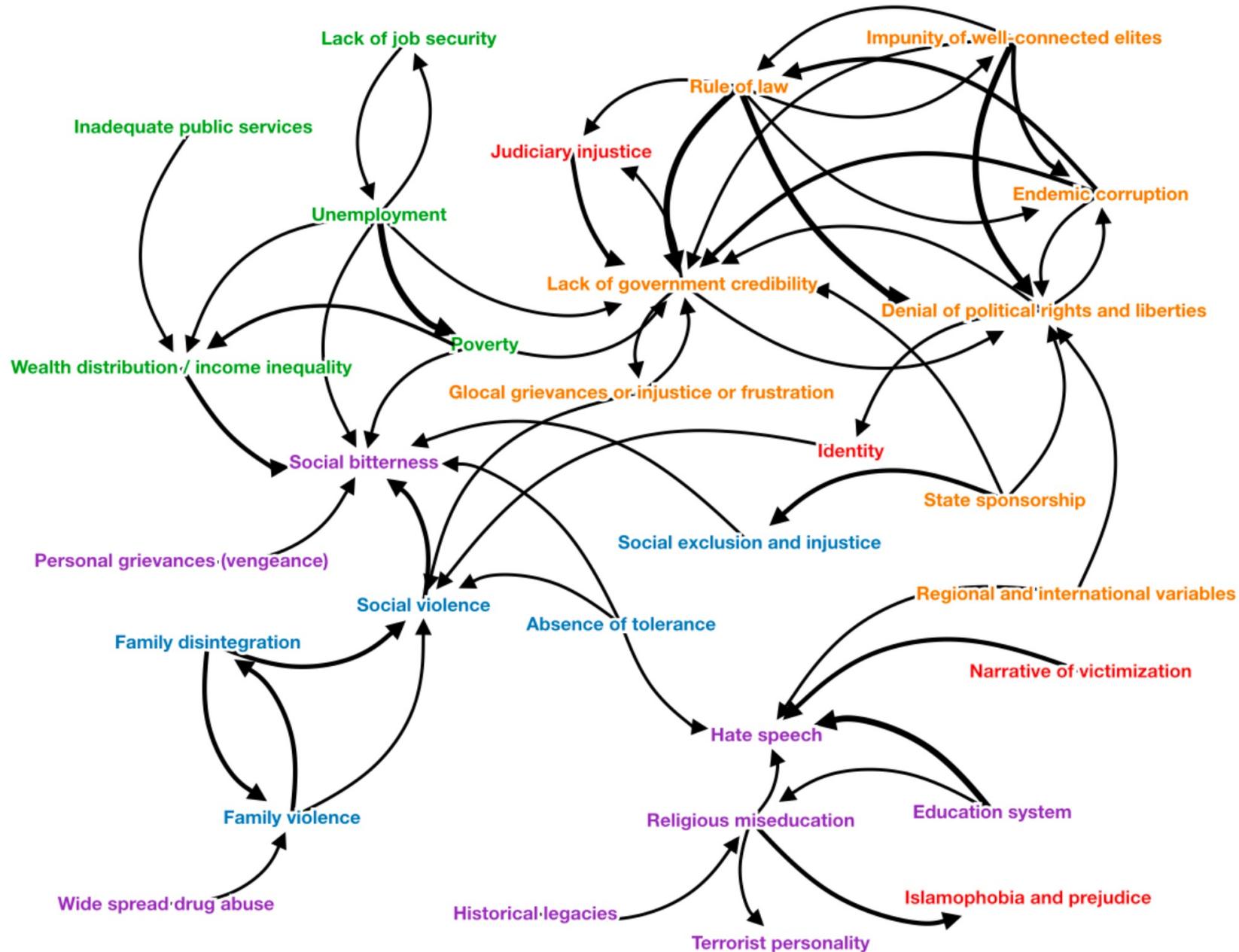
- **Iraq Regional**
 - Internal dialogue on regional powers
- **Nagorno-Karabakh**
 - De-escalation
- **Palestine**
 - Intra-palestine dialogue on future scenarios
- **Libya**
 - Libya vision
 - Natural resources
 - Women inclusion
- **South Sudan**
 - Inclusion to peace processes
- Other confidential processes

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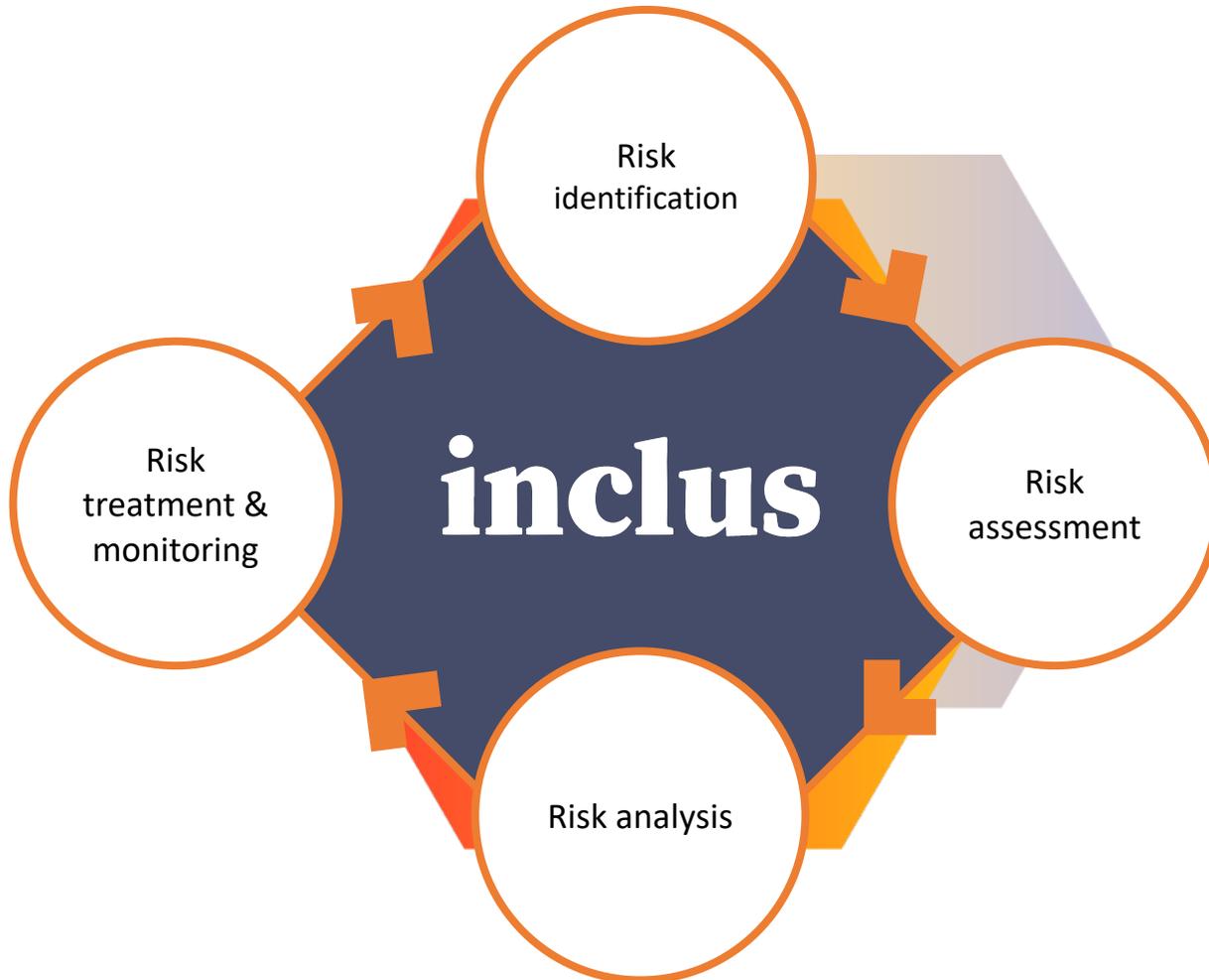
Complexity of actors



Drivers of violent extremism



Comprehensive use cases within risk management



A wide range of use cases

- Strategic risk management
- Enterprise risk management (ERM)
- Project risk management
- Business continuity management
- ESG (Environment, Social, Governance)
- Self-audits and maturity models
- IT- & cyber risk management

And more...

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Trusted by leading companies and organizations

1 Complex projects
Construction, real estate etc.

2 Enterprises

3 Consultants

4 State security & public organizations

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SITRA

 Ministry of the Interior
Finland

 HUOLTOVARMUUSKESKUS
FÖRSÖRJNINGSBEREDSKAPSCENTRALEN
NATIONAL EMERGENCY SUPPLY AGENCY

elisa

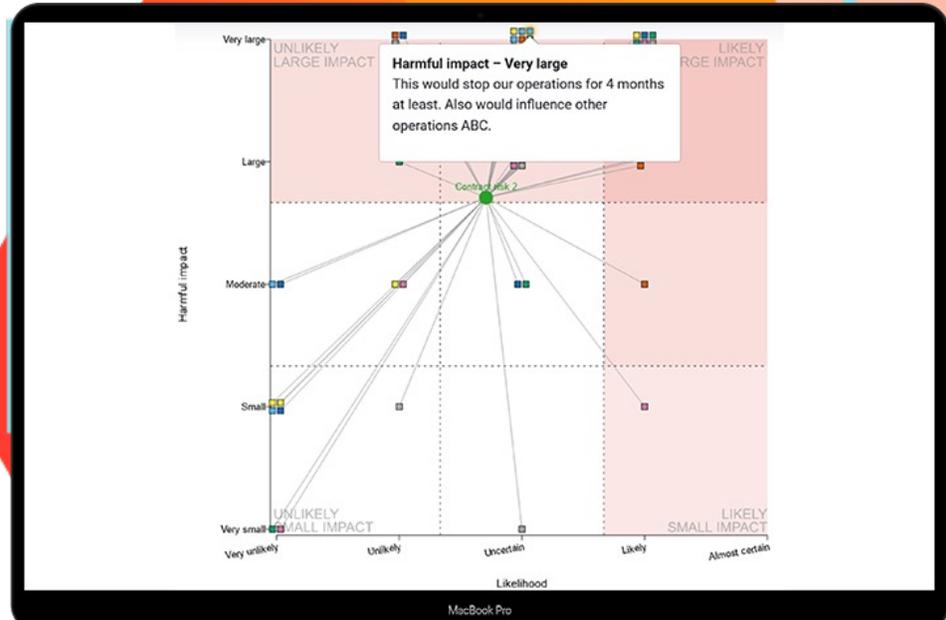
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