



# LEARNING OUTCOMES AND IMPACT

## IN MANAGEMENT AND EDUCATION FOR THE FUTURE

Riga, 20.09.2022

**First my big compliments to your  
research work and outcomes!**







# **Talent and Potential Development**

**#UpReSkilling**

**#Skills4Change**

**#FutureOfEducation**

- **For a Holistic World**
- **For an Inclusive World**
  - **For a Green World**
  - **For a Digital World**
  - **For a Humane World**

**For a good World!**



# Exercise 1: #UpReSkilling

## SKILLS, COMPETENC(I)ES, QUALIFICATIONS



# **Benchmarking of outcome-oriented learning Recognition of Qualifications (outcomes and impacts) on the Micro- Meso- and Macro Level**





**Individuals from  
all fields (not only  
target groups)**

**Portfolio**

**Institutions from HE/FE/T-VET,  
employers, ...  
experts from recognition  
authorities, ...**

**Interview**

**Application letter, CV, credential evaluation**

**Outcomes- and impacts oriented  
Portfolio development**

- incl. RPL & APL (APCL, APEL)
- incl. non-formal and informal Learning
- incl. impact presentations

**Portfolio Assessment with  
focus on outcomes & impacts  
Micro-Credential Evaluation,  
Etc.**



**Notice: The base for this are agreed competency standards, Benchmarking experiences, etc.**



# A Holistic Approach is needed: #SDGs



Source: United Nations General Assembly (2015): <https://sdgs.un.org>, United Nations, Geneva





**Source: Urs Hauenstein (2020): Change Management in a VUCA world**



# **WEF: Top 15 Skills for 2025**

- |           |   |
|-----------|---|
| <b>1</b>  | <b>Analytical thinking and innovation</b>           |
| <b>2</b>  | <b>Active learning and learning strategies</b>      |
| <b>3</b>  | <b>Complex problem-solving</b>                      |
| <b>4</b>  | <b>Critical thinking and analysis</b>               |
| <b>5</b>  | <b>Creativity, originality and initiative</b>       |
| <b>6</b>  | <b>Leadership and social influence</b>              |
| <b>7</b>  | <b>Technology use, monitoring and control</b>       |
| <b>8</b>  | <b>Technology design and programming</b>            |
| <b>9</b>  | <b>Resilience, stress tolerance and flexibility</b> |
| <b>10</b> | <b>Reasoning, problem-solving and ideation</b>      |
| <b>11</b> | <b>Emotional intelligence</b>                       |
| <b>12</b> | <b>Troubleshooting and user experience</b>          |
| <b>13</b> | <b>Service orientation</b>                          |
| <b>14</b> | <b>System analysis and evaluation</b>               |
| <b>15</b> | <b>Persuasion and negotiation</b>                   |

**Source: WEF (2020): Future of Jobs Survey**



**Since some years we observe  
more and more disruptions (say crises)**





# WE ARE LIVING IN A MULTI-DISRUPTED TIME



U. Hauenstein (2020): Infographic "Disruption Iceberg"



# “Identify the most severe risks on a global scale over the next 10 years”

■ Economic ■ Environmental ■ Geopolitical ■ Societal ■ Technological

1st Climate action failure

2nd Extreme weather

3rd Biodiversity loss

4th Social cohesion erosion

5th Livelihood crises

6th Infectious diseases

7th Human environmental damage

8th Natural resource crises

9th Debt crises

10th Geoeconomic confrontation

Source: World Economic Forum Global Risks Perception Survey 2021-2022

**Source: WEF (2021-22): Global Risks Perception Survey, Geneva**

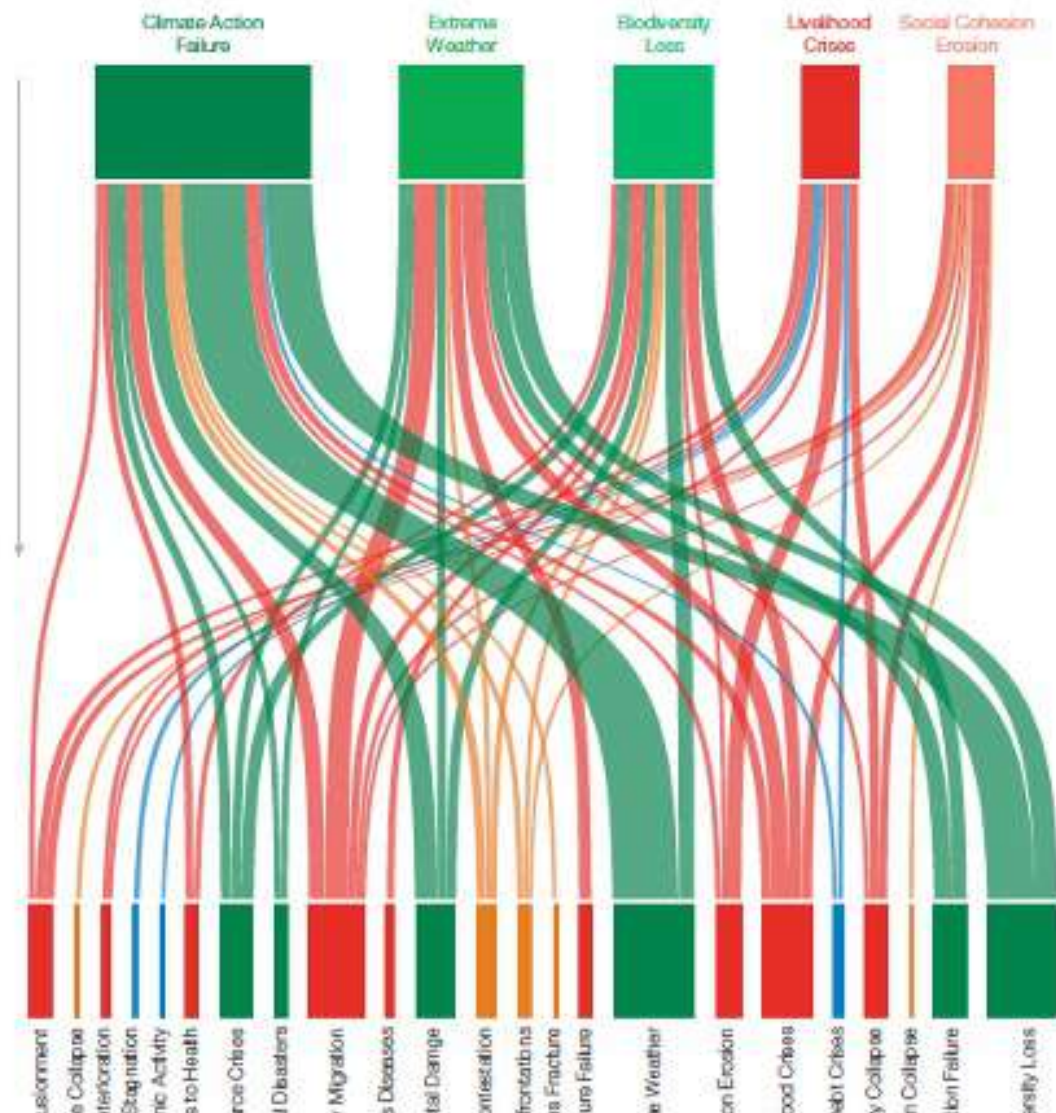


# Exercise 2: the crisis network





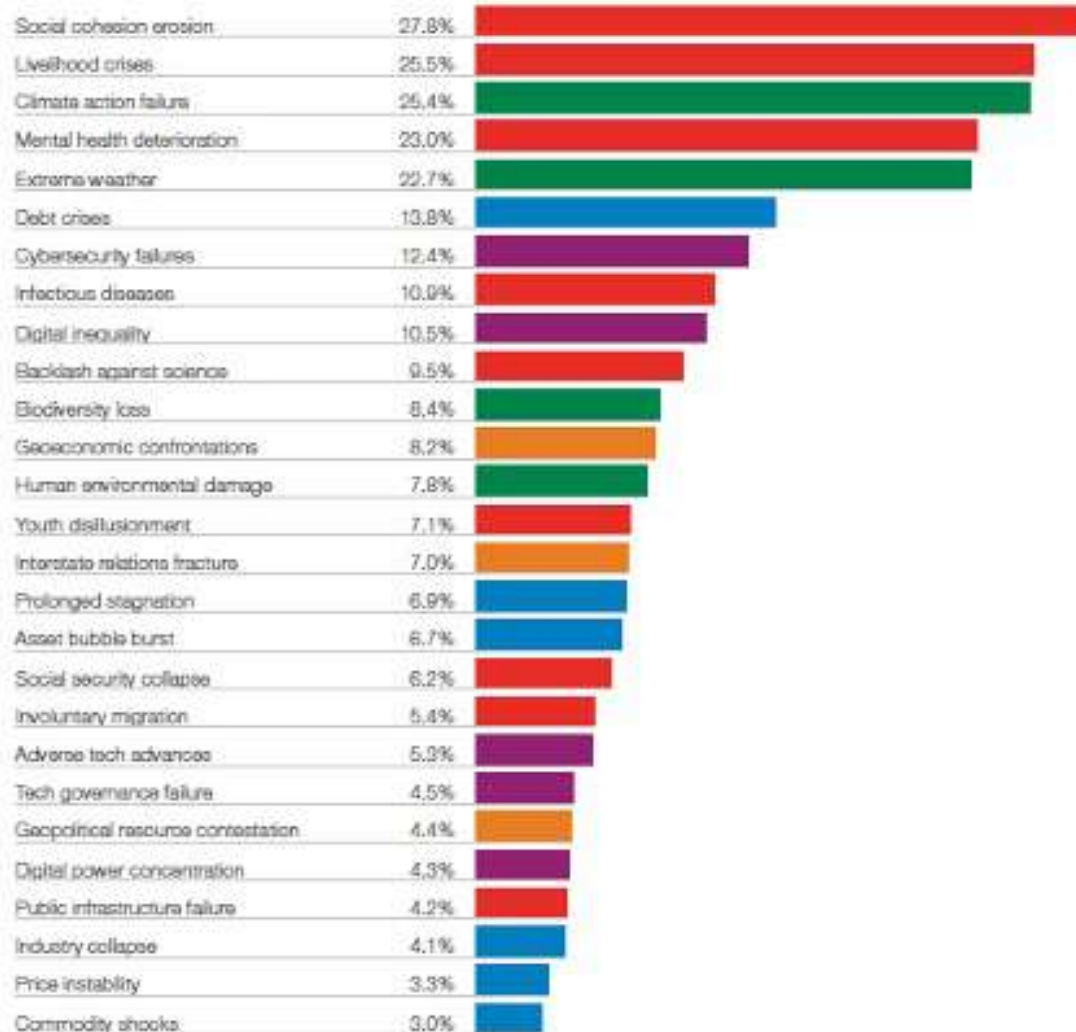
■ Economic ■ Environmental ■ Geopolitical ■ Societal ■ Technological



## COVID-19 Hindsight

Risks that worsened the most since the start of the COVID-19 crisis

■ Economic ■ Environmental ■ Geopolitical ■ Societal ■ Technological



Source: WEF (2022): The Global Risks Report, Geneva



## Results = Outcomes AND Impacts



Strengthening and  
weakening of  
competencies and  
disruptions / crises

+ multiplied with + = +  
- multiplied with - = +  
+ multiplied with - = -  
- multiplied with + = -



## RESULTS CHAIN of learning, working, etc.

In our development towards SUSTAINABILITY & RESILIENCE



Urs Hauenstein (2020) The results chain, outcomes and impacts





**Source: WEF (2022): Strategic intelligence, Geneva**



A middle-aged man with dark hair, wearing a dark suit, white shirt, and red tie, is sitting at a dark desk. He is looking directly at the camera with a serious, slightly concerned expression. His right hand is raised, palm facing forward, as if gesturing or stopping something. On the desk in front of him is a line of dominoes, some of which are already falling or about to fall. The background is a plain, light-colored wall.

**Let's stop unhealthy  
impacts and Domino  
effects!**

**Many thanks**

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**Photos:**

**Urs Hauenstein, Envato Elements**