



Report of the Helsinki Node Activities 2022-2023

Sirkka Heinonen & The Helsinki Node

**Millennium Project Planning Committee Meeting
25th – 26th November 2023, Dubai, UAE**

Who Are We at the Millennium Project Helsinki Node?

Sirkka Heinonen, Professor Emerita, FFRC
Toni Ahlqvist, Professor, FFRC
Mikko Dufva, Leading specialist, Sitra
Osmo Kuusi, Adjunct professor, Aalto University
Sari Söderlund, Coordinator, FFRC
Juha Kaskinen, Director, FFRC

Three Node meetings in 2023 so far



Photo: Anne Arvonen

Structure of Presentation

1. Activities

2. Next Steps



Photo: AmosTaylor

Co-operation and Contacts...

- A letter to the new Planning Committee member **Christin Pfeiffer** UNESCO with suggestions for shared contents and node members meeting her online on 21st March
- Small delegation of **UNICEF** visiting FFRC/Helsinki Office
- **Nkokovedzo Simbarashe** from Zimbabwe Node visiting FFRC Helsinki Office
- Two methodological workshops for the **Ministry for Foreign Affairs** (SH)
- Osmo Kuusi wrote on behalf of the Node a **letter to the Minister for Foreign Affairs of Finland**, related to the preparations for UN Summit of the Future
 - i *The opportunities of the Parliamentary Committees of the Future to mitigate conflicts inside countries and between countries*
 - ii *Ways to avoid risks related to the transition from the Artificial Narrow Intelligence ANI to the Artificial General Intelligence AGI*

MP Work on Artificial Intelligence

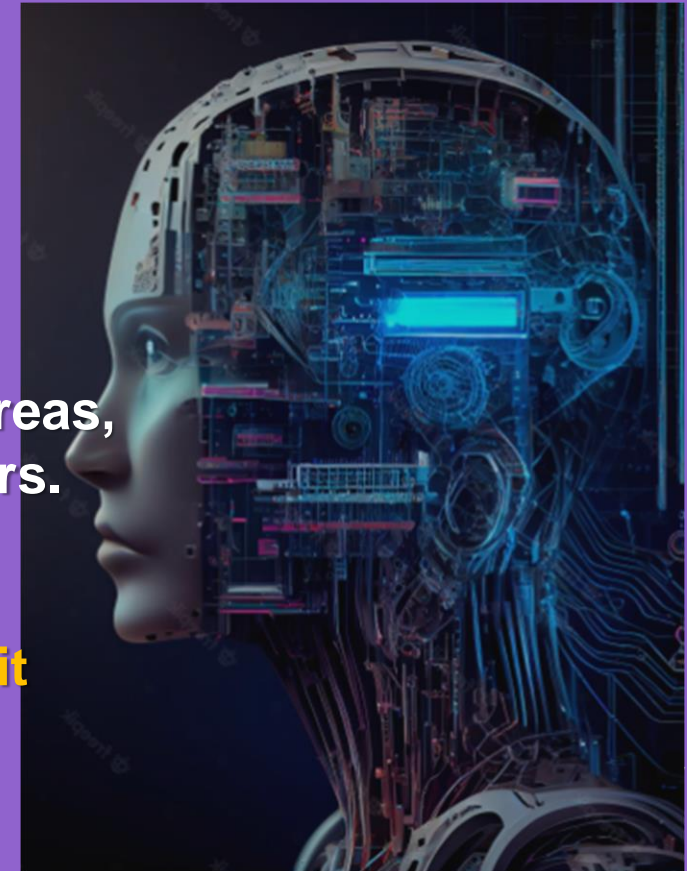
Presentation on The Millennium Project report *International Governance Issues of the Transition from Artificial Narrow Intelligence to Artificial General Intelligence*, Phase 1.



At **FFRC Internal AI Horizons sensemaking virtual meeting** 19th Sept
(Sirkka Heinonen & Paula Pättikangas)

The views of 55 AGI leaders in the world on the development and governance of artificial intelligence, from ANI to AGI (and ASI)
Discussion and debate arouse around these especially:

- **The timeline is strict.** AGI could be within ten to twenty years, whereas, an international AGI treaty could take more than ten on twenty years.
- **AGI development itself should not be regulated, but the use and governance of AI**
- **Critical question: When the AGI should be autonomous and when it should check with humans?**



Three Millennium Project Interns at FFRC Helsinki Office for Summer 2023



Burgert Maree, Risto Sivonen & Riku Viitamäki
(starting from right to left)

**Preparing the MP Special Session at FFRC
Conference in Turku, June 2023**

Visiting the Committee for the Future

Millennium Project Special Session at 'Empowering Futures' FFRC Conference, Turku 15th June 2023, Finland

Jerome Glenn as keynote speaker (online)

Organized as an adapted Futures Clinique and moderated by the RESCUE Project and Helsinki Node of the Millennium Project

Keynote speaker **Rosa Alegria** also attended

Sought to address a fundamental question:
*how can cities effectively prepare for the
challenges posed by digitalization and rapidly
advancing AI, including crises and polycrises?*



Futures Provocation

Participants were encouraged to envision solutions for potential polycrises that cities might face in the future, mapping these solutions on a timeline

The goal of the Futures Clinique was to address multiple crises, a polycrisis, by designing and constructing urban environments that are resilient, sustainable, just, and liveable.

Participants had a hands-on experience, designing their own polycrisis scenarios and proposing elements that could help them cope with such crises



Working on polycrises and policies in five small groups

(1) Quickly choose and define your Polycrisis combination from below (the first crisis has been given to you):

- Total continuous power blackout
- Extreme heatwave with wildfires
- Social media creates 'mental health bomb' & the public space disappears
- An enemy attacks (Finland)
- The Baltic Sea goes into a sudden gridlock
- Other ?.....

(2) Think about the characteristics of the chosen Polycrisis and identify elements that help in coping with it. Use the given elements or identify new ones:

(4) Name your Polycrisis approach:

Individual resilience-building for the collective	Decentralised learning-approach
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(3) Create and describe concrete Solutions, Policies, Recommendations and place them on the timeline (based on the element for coping, chosen in the previous step):

Short-term 2033	Mid-term 2043	Long-term 2053
<ul style="list-style-type: none"> Disaster-resilient general emergency support for Finland (national & international) Citizen's emergency supply skills Citizen's emergency supply skills Future is Analog (non-digital solutions) Decentralisation & smaller units Sense of community 	<ul style="list-style-type: none"> Courses on survival skills Cherish integrated into education system Align interests of "ground & workforce" + "disaster means" + "Overnight" Central Coordination Committee Aligning these kinds of businesses Citizen's emergency skills/training/trained State could enable citizen's skills (huoleenvarmuuskasit) A manual for emergency survival for each household Communication alternative "Analog" short-wave? 	<ul style="list-style-type: none"> Mobile News distribution units Promote intergroup support



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<ul style="list-style-type: none"> Food from algae Algae Bioreactor - bacteria Water quality and bacteria Baltic Sea like a huge landfill area Shareline real resources would need to use artificial clean the water 	<ul style="list-style-type: none"> Renewed approaches to allow more coastal "food waste" Policy concerning who is responsible / own the right to harvest algae not responsible to clean Small Algae food factories Purification wall for algae and water quality 	<ul style="list-style-type: none"> Overland pipelines after nature for "bridge" To develop total domestic use / efficiency of all resources (Finnish, food, components) Reduce the local emissions and better management Sea Dredging / Polluting prevention

Co-operation with the RESCUE Project

***(Real Estate in Sustainable Crisis Management
in Urban Environments)***

Several other Futures Cliniques conducted/CLA

**Karlheinz Steinmüller as Member of the Advisory
Board**

**Final Seminar held in Suomenlinna Gunpowder
Hall on 14th November**

**It's all about 'rehearsing futures' via immersing
into futures**



Photo: AmosTaylor

Co-operation with the T-Winning Spaces Project

Jerome Glenn in the Advisory Board

Mara di Berardo as special expert affiliate



Photo: Risto Sivonen

Interviews Involving MP Experts

Expert interviews on future of work and leadership

Mara di Berardo

Chair of the Italian Node of MP

Wendy Schultz

Futures Thought Leader and Director, Infinite Futures, and VP, Foresight & Training

Kacper Nosarzewski

A partner at 4CF.

A board member of the Polish Society for Futures Studies

Karlheinz Steinmüller

Affiliate of the German Node of MP

+ Interviews on Co-working Spaces

Bologna, Italy (Luogocomune)

New York, United States

Helsinki, Finland

Paris, France



An Interview Report Including Interviews with Brock Hinzmann and Paul Saffo

Sirkka Heinonen, Joni Karjalainen, Amos Taylor, Anahita Rashidfarokhi, Saija Toivonen & Lassi Tähtinen

Constructive Conversations on Resilient Futures

FFRC Books 1/2023

<https://urn.fi/URN:ISBN:978-952-249-584-6>

UNIVERSITY OF TURKU

Sirkka Heinonen, Joni Karjalainen, Amos Taylor, Anahita Rashidfarokhi, Saija Toivonen & Lassi Tähtinen

CONSTRUCTIVE CONVERSATIONS
ON RESILIENT URBAN FUTURES

FINLAND FUTURES RESEARCH CENTRE
FFRC #BOOKS 1/2023

FINLAND FUTURES
RESEARCH CENTRE

RESCUE
FINLAND

Two More Reports including MP expert insights published as FFRC eBooks

Sirkka Heinonen, Burgert Maree, Risto Sivonen, Saija Toivonen, Riku Viitamäki & Paula Pättikangas (2023) FFRC eBook 5/2023

Towards Twin Transformations and Spaces – Convoluted Conversations on the Green and Digital Futures of Work

Eight expert interviews on futures of work and challenges that Twin Transition raises.



<https://www.utupub.fi/handle/10024/176094>

Sirkka Heinonen, Burgert Maree, Joni Karjalainen, Risto Sivonen, Amos Taylor, Riku Viitamäki & Paula Pättikangas (2023) FFRC eBook 4/2023

Flourishing Urban Futures to Overcome Polycrises – Roadmap for Resilience 2050

Documentation of the two Millennium Project Special Sessions at FFRC Conferences 2022 & 2023.



<https://www.utupub.fi/handle/10024/176093>

What's Next...

- **Invitations and participation in:**

Real-Time Delphi on future issues of Global Governance of Artificial General Intelligence (AGI) – deadline Dec. 31, 2023

- **Keeping track of preparations for Summit of the Future**
- **Preparations for FFRC Conference 2024 June 13-14 – MP Session?**
- **Further collaboration in T-Winning Spaces Project (tbc)**
- **We welcome co-operation with other nodes in various forms**

Thank You!

Contact us: [sirkka.heinonen\(at\)utu.fi](mailto:sirkka.heinonen@utu.fi) at Helsinki Node



T-WINNING
SPACES
2035



References and readings

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https://www.eduskunta.fi/EN/valiokunnat/tulevaisuusvaliokua/Documents/TUVJ_3_2

Heinonen, Sirkka (2022). Limits to Growth Paves the Way from Futures Shock to Futures Resilience, 149-158. In: Bardi, Ugo & Perez, Carlos Alveira (eds): Limits and Beyond. 50 years on from The Limits to Growth. What did we learn and what's next? Club of Rome. Exapt Press.

Heinonen, Sirkka, Karjalainen, Joni, Taylor, Amos, Fashidfarokhi, Anahita, Toivonen, Saija & Tähtinen, Lassi (2023). Constructive Conversations on Resilient Urban Futures. FFRC eBook 1/2023. <https://urn.fi/URN:ISBN:978-952-249-584-6>

Heinonen, Sirkka, Karjalainen, Joni & Taylor, Amos (2022). Landscapes of our uncertain Futures. Towards mapping and understanding crises-related concepts and definitions. FFRC eBooks 7. <https://www.utupub.fi/handle/10024/154522>

Karjalainen, J., Heinonen, S. & Taylor, A. (2022b). Mysterious faces of hybridisation: an anticipatory approach for crisis literacy. European Journal of Futures Research 10, 21.