

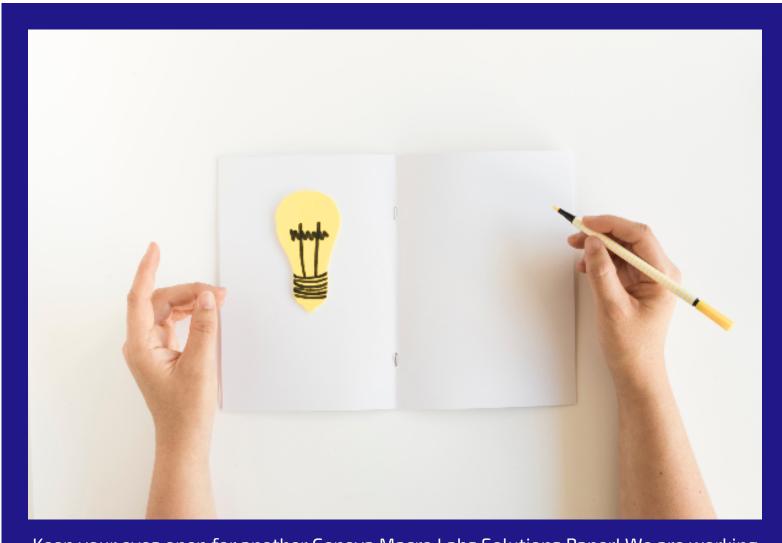
#### Dear community,

we are looking back on an exciting year 2022 at Geneva Macro Labs. Thank you for following us online, coming to our events in person and engaging with us about sustainability, blockchain, green finance and nature. Find some highlights below or visit our <u>website</u>.

We wish you wonderful holidays and a happy new year and we are counting on you for an equally exciting 2023!

Your Geneva Macro Labs Board

#### Upcoming Winter 2022/23



Keep your eyes open for another Geneva Macro Labs Solutions Paper! We are working on our next publication that will detail the results of the Valuing Natural Capital Conference in September, ensuring that the impact-based solutions developed at the conference become best practice. This is what our more recent **Solution Paper** looks like and below you can find more information on our topic of the year, Valuing Natural Capital!

#### **Autumn 2022**

#### **Our Valuing Natural Capital Conference**



"We were delighted to have panelists and speakers from the private sector, academia, the public sector and research institutions on board for this solution-oriented event", says organiser Marianne Schörling. The VNC conference focused on nature-based solutions for carbon sinks with key note speakers from OECD and IMF and in-depth panel discussions. For an overview check out the conference **website**. We can't thank ServiceNow enough for their support, as well as Harvard University's Economic Department, UNITAR, ILO and UNCDF for their partnership. This is just the first step, stay tuned!

## The Valuing Natural Capital Training in collaboration with UNITAR



We were delighted to be working with UNITAR for the two-day training session following the conference! The hybrid event took place in the WTO building in Geneva and world-wide via the Tech Platform EUTECH. The training was guided by speakers from different sectors and institutions on four topics: Natural Capital and its governance mechanisms, Tokenisation, Innovative Finance and Creating triple wins. "It was a big learning curve for me that I hope to continue in the future", says one of the participants. We couldn't wish for more!

#### Our articles published in UN Today

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MAGAZINE ~

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### How to transition to a green economy

**UN**today

To ensure that our planet is liveable for future generations, a drop in current emissions and existing atmospheric CO2 levels is required By Ekkehard Ernst, Marianne Schörling and Leonie Achtnich\*

22 Nov 2022

Net-zero emission reductions by 2050 alone will not be enough to stabilise our climate. To ensure that our planet remains sustainable and liveable, we must reduce both our current emissions and as well as the existing CO2 levels already present in the atmosphere. Right now, our biosphere already does an amazing job at extracting atmospheric CO2 and burying it in carbon sinks such as trees, mangroves, seagrass and the ocean. Enhancing the planet's capacity to absorb carbon dioxide from the atmosphere and learning to sequester it needs to become a major component in the global strategy to tackle climate change. A new approach, which values this our planet's natural wealth, promises to help with both.

We like to share our views and we are glad that in 2022, four articles have been published by UN Today on our core topics. Read up on the "Future of Work", "Back to the Office - or better not", "The Transition to a Green Economy" or "Let's Value Natural Capital". We are very grateful to UN Today for the opportunity to publish with them!

#### Summer 2022

#### **Relaunch: After Work Events in Geneva**



"After Work Events were the beginning of Geneva Macro Labs", says Renate Günther, organiser of the After Work Event, "and finally we have been able to resume them in 2022." We met every last Wednesday of the month and had an amazing number of speakers giving us insights into their approaches to sustainability: from Global Risk Profile, Genève Lab, Quantis and WEF. You can already **register** for the next one on January 25, 2022, 18:30. We cannot wait to meet you – again or for the first time!

Is Artificial Intelligence fair? Our Opinion Piece Series on Al



different perspectives on Artificial Intelligence, Digitalization and other futureoriented topics. This year, we published five pieces on Artificial Intelligence and public health, Adressing bias in algorithms, AI as gatekeepers to economic opportunities, Digital communication and AI and human trafficking. A big thank you to our writers Tala Dowlatshahi, Ayomide Owoyemi, Debra Gore-Mann, Louis Meunier, Aurora Martin and Shontaye Abegaz, your expertise is highly appreciated!

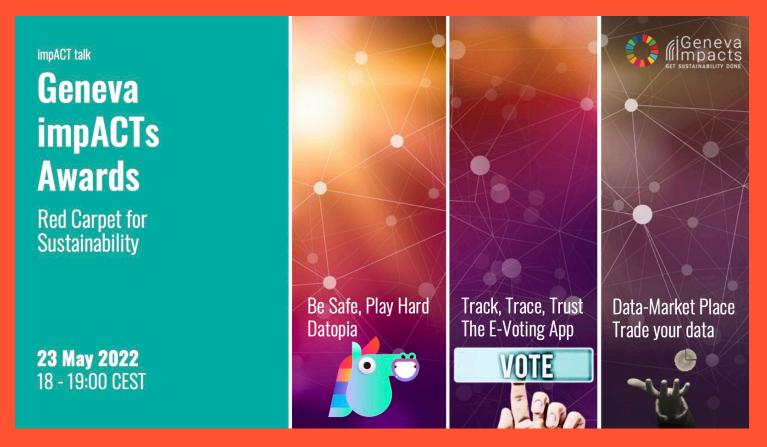
#### Relaunch: New logo and new website



In June, we decided it was time for a change and designed a new logo and a new website for Geneva Macro Labs. Finally, we have all Opinion Pieces, Solution and Discussion Papers, and our Event archive in one place.

#### Spring 2022

#### Save your data: Geneva impACTs Innovation Cycle 2022



Our innovation cycle 2022 focused on Digital Privacy. After a design thinking process involving different steps and stages, the focus groups with participants from across different sectors and countries developed three projects addressing the issue of data and digital privacy. This time, we were particularly glad to work with students from the UNIGE - the student project, an online educational game, won the final award! After two years of open innovation, this will have been the last cycle for now - read the latest news on Geneva impACTs\_here.

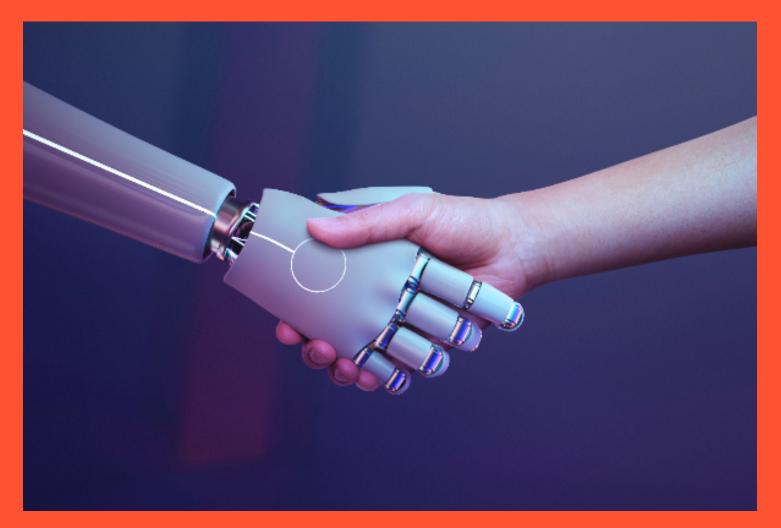
Gemlabs stands in solidarity with Ukraine

# GENEVA



When the first refugees from Ukraine arrived in March 2022, Gemlabs, like many others, collected goods to be sent to Ukraine and started a crowdfunding campaign to help the Ukrainian community in Geneva. As the year comes to an end, our heart still goes out to those affected by the war.

#### The Future of Work: A Gemlabs Solution Paper on Al



February saw the publication of our most recent Solution Paper. It emerged from the conference on "AI and the future of work" that we organised in 2021 where we discussed opportunities and challenges of artificial intelligence for the Future of Work. This **Solutions Paper** is a summary of the discussions and presents the key solutions identified by our participants. Its urgency has even increased throughout the year with the phasing out of the pandemic raising the question of how to return to the office!

#### Co-Creating Innovation: A Gemlabs Solution Paper published by Springer

Gr Interakt Org (2022) 53:83–97 https://doi.org/10.1007/s11612-022-00619-8	GIO Gruppe. Interaktion. Organisation.
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Jörn Erbguth<sup>1,2</sup> • Marianne Schörling<sup>2</sup> • Nathalie Birt<sup>3</sup> • Susann Bongers<sup>4</sup> • Pamina Sulzberger<sup>4</sup> •

**Co-creating innovation for sustainability** 

Jean-Henry Morin<sup>1</sup>

Accepted: 3 January 2022 / Published online: 24 January 2022 © The Author(s) 2022

Abstract

This contribution to the journal Gruppe. Interaktion. Organisation. (GIO) presents a case study for an approach to design sustainable innovation. No nation is on track to achieve the UN sustainable development goals for 2030. The traditional innovation ecosystem is insufficient. Rather than only solving problems, technological innovation is creating new challenges that society is struggling with. Innovation needs to be developed differently to focus on impact. Geneva Macro Labs initiated a new approach to foster sustainable innovation which was based on a combination of systems theory, collective intelligence, agile development and design thinking. The initiative, called *Geneva impACTs*, brought together a diverse group of experts, start-ups and investors to develop innovative projects, aiming to make inroads towards achieving the Sustainable Development Goals 2030. It started at a time when COVID-19 measures made it impossible for groups to meet in person and so the entire process was conducted virtually using a range of online tools. A critical reflection shows the methodological strengths of the Geneva impACTs approach and identifies suggestions for improvement to be considered for future iterations. As an overall result, this new methodology is highly conducive to impact innovation.

How can sustainable innovation be galvanized and supported to successfully meet the challenges of today? Under which conditions are innovative initiatives likely to thrive and result in the development of market-fit solutions to address sustainability challenges? The paper **"Co-creating innovation for sustainability"**, published by Springer, was a collaborate effort by the team members and participants of the first innovation cycle in 2021 and offers valuable insights into Geneva Macro Labs' approach to sustainability-based innovation.



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