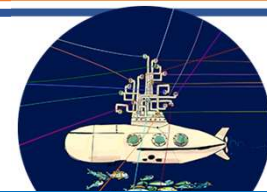


Circular Health

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E-llow Submarine

Advancement of Health as a System as a post Covid-19 resilience strategy

Co-advance the health of humans, animals, plants and the environment as one system. This implies a circular approach which rationalizes and optimizes the use of resources in line with the objectives of the **sustainable development goals**.



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Circular Health

This initiative aims to create an **open network** of **international research focusing on co-advancing the health of humans, animals, plants, and the environment.** This will be achieved by exploring new data-driven approaches to sustainable research through an existing **Circular Health Network.**



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The long term goal is to empower a community of international scholars through a **radical interdisciplinary experience exploiting big data and artificial intelligence in line with post-Covid-19 resilience programs.**



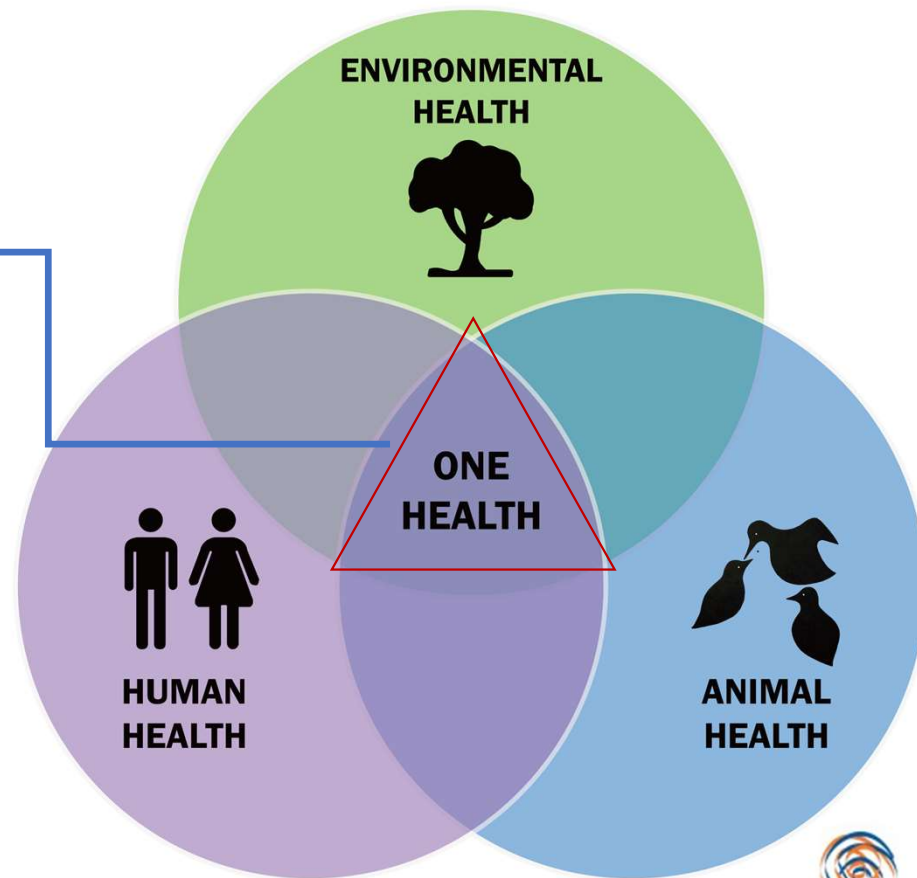
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The starting point
of biomedical
interdisciplinarity



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The Present

Medicine

Biology

Psychology

Economics

Environmental
Science

Veterinary

Chemistry

Engineering

Political
Science



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The Evolving present: Open Science

Medicine

Biology

Psychology

Economics

Environmental
Health

Engineering

Chemistry

Veterinary

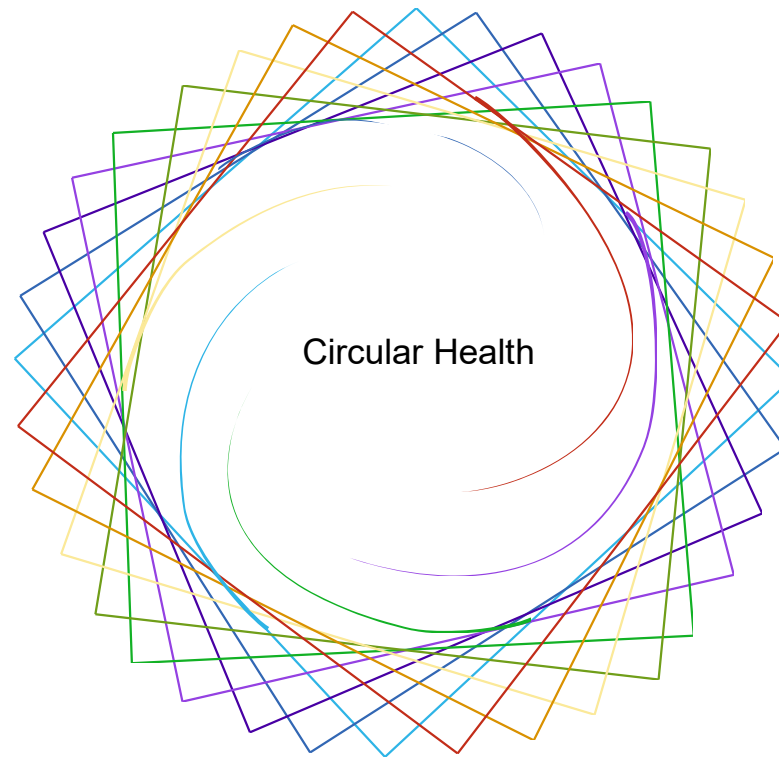
Political
Science

initiative

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The Future : convergence of open disciplines



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Convergence about what?

Data.

E-ellow Submarine: Accelerator of convergence around health for post-pandemic resilience

Convergence Accelerator

Agro-food

Urban Environment

Data Governance

Green and Citizen
Science

Innovation for Open
Data Analysis

Bio-medicine

Social and
Human- behavior



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Committed



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Scientific Core Partners



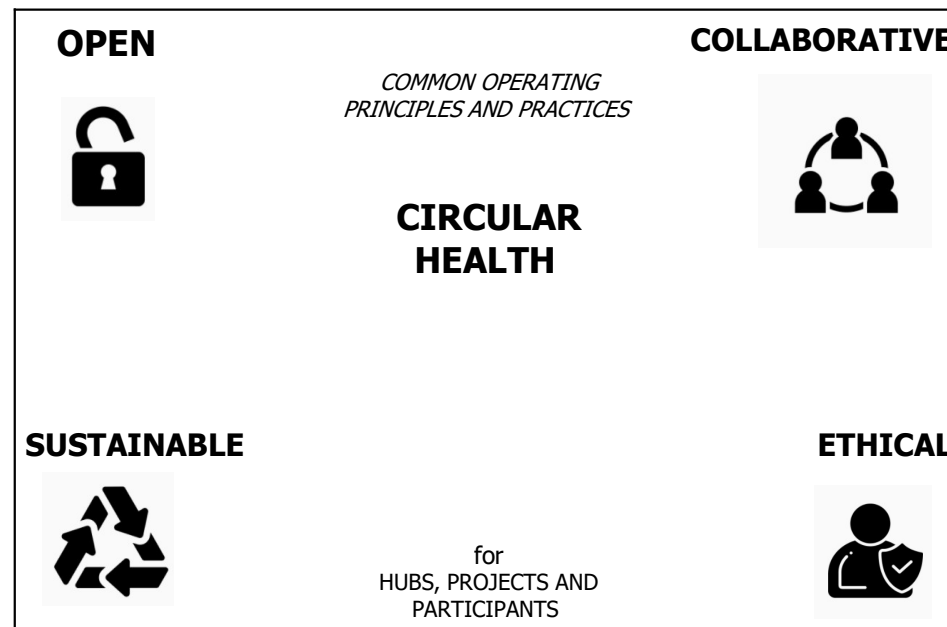
US
University of Sussex

Under negotiation



Principles of governance

- Commitment to open science across all research stages;
- Commitment to transparency and communication
- Selection of topics on the basis of sustainability (SDGs);
- Commitment to support the network and investment of own resources.

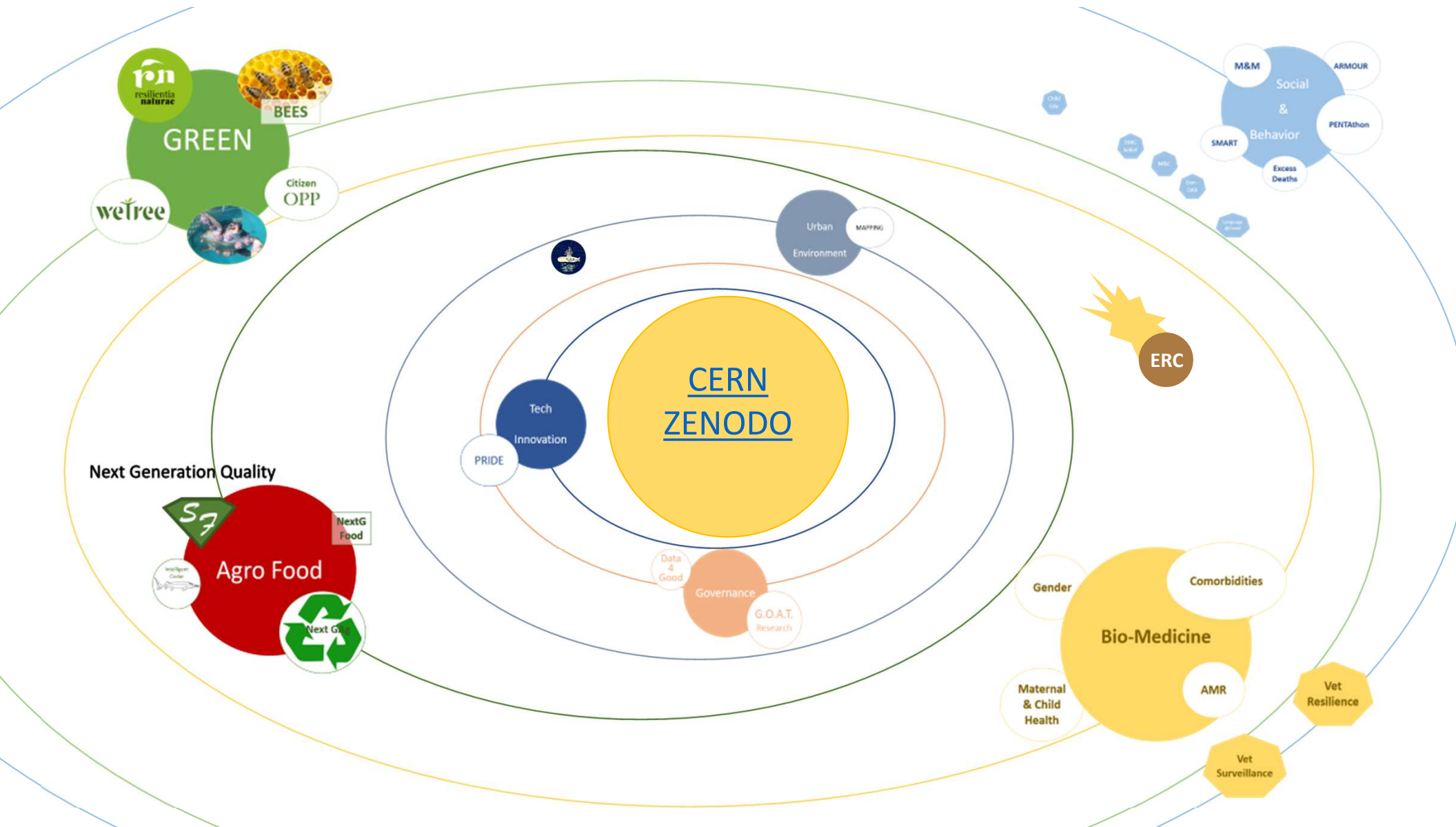


- Assure equal access and consideration to participants from different disciplines and external organizations;
- Inclusive approach to decision making process
- Commitment to data ethics and responsible innovation;
- Commitment to avoid duplication and conflict of interest.



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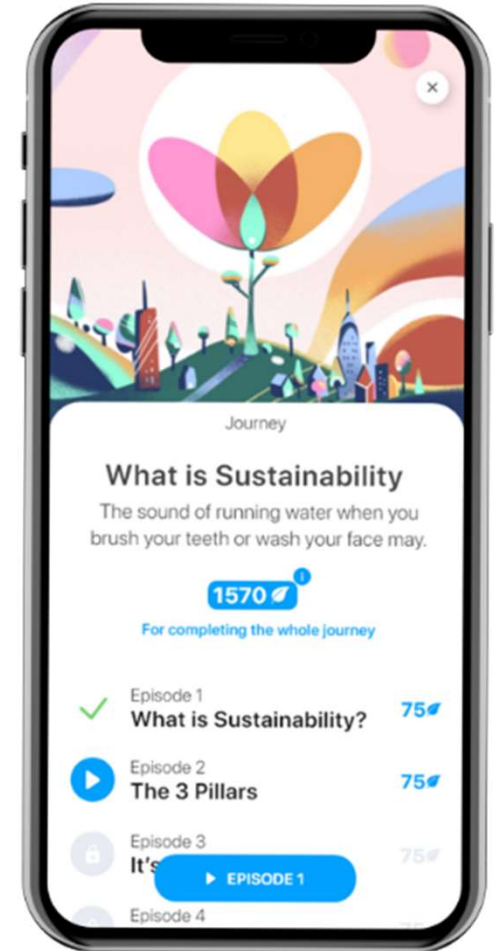
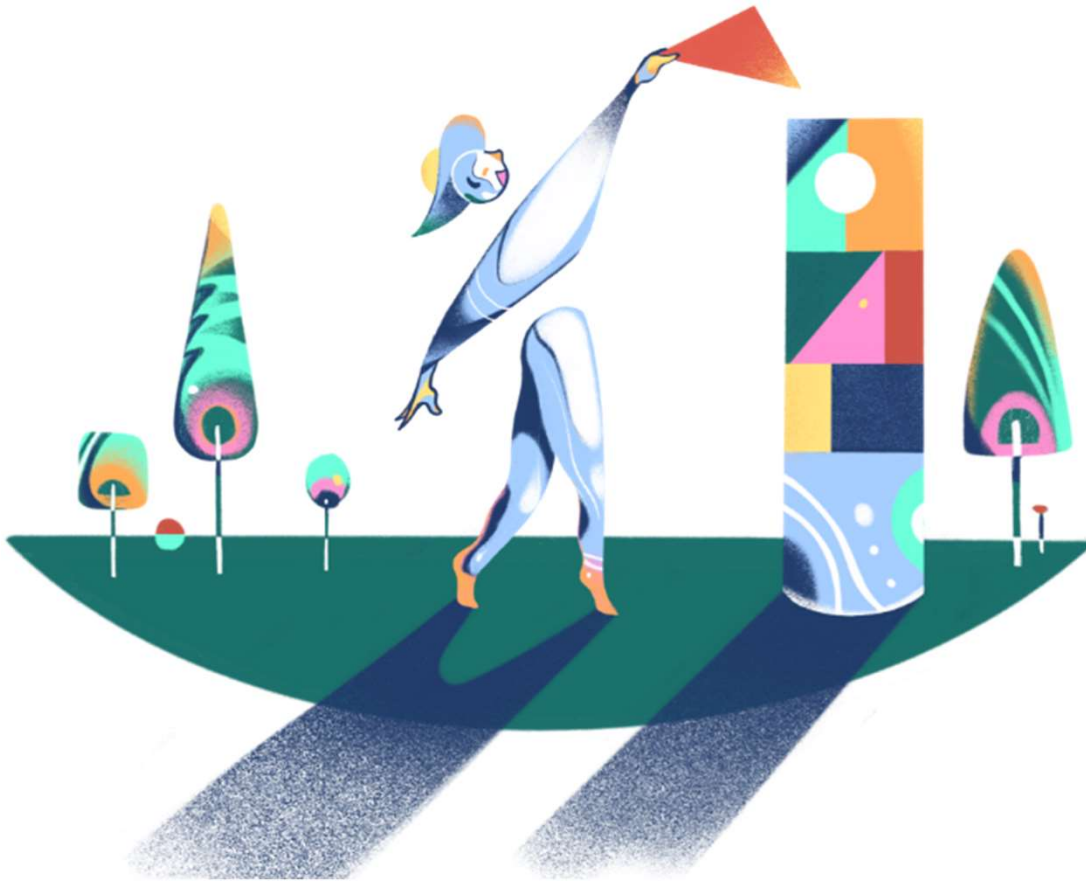
Citizen OPP



Powered thanks to:



Aworld (Aworld.org) was selected as the **official platform to support ACTNOW United Nations campaign** for individual action on climate change and sustainability.





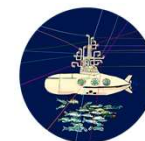
A project to generate environmental awareness within the framework of Circular Health



Create green areas named after women who actively worked for a better society

wetree

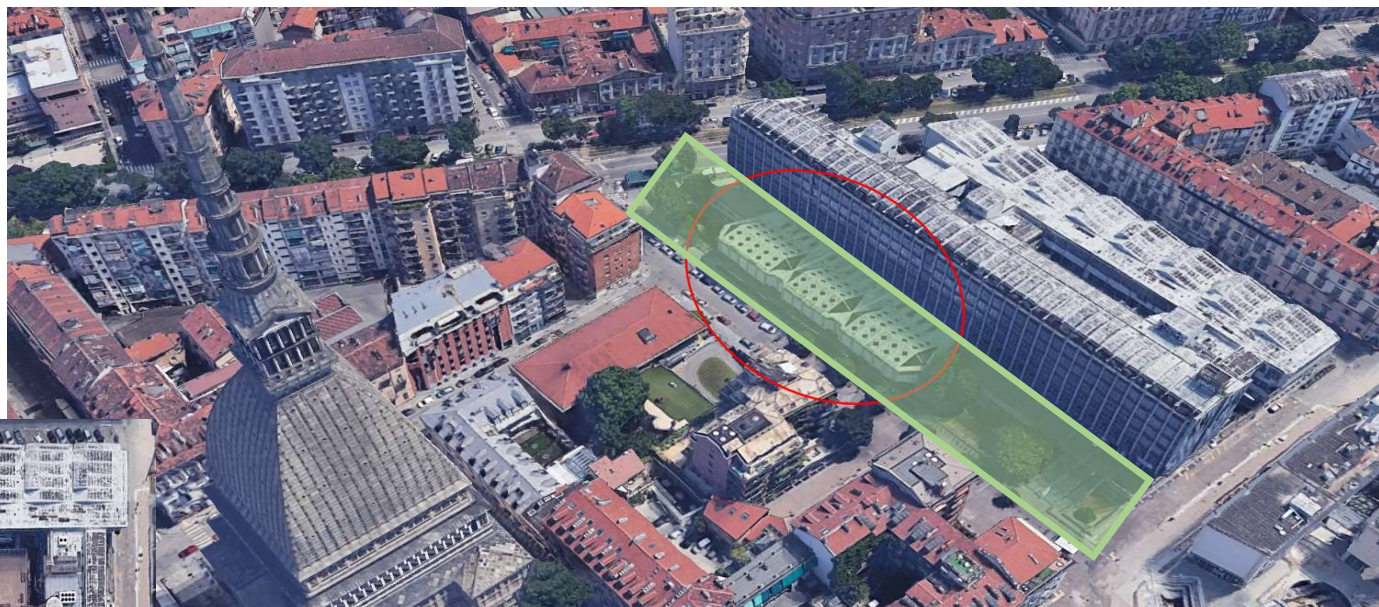
Torino - Bosco degli Altri



UNIVERSITÀ
DEGLI STUDI
DI TORINO



lineeverdi



wetree Perugia



Restoration of Cypress trees in Perugia



wetree

Milano - Bosco delle STEM Biccocca





Palermo



Università degli Studi di Palermo
ORTO BOTANICO

*New area added to
the botanical gardens*



settore delle piante utili
settore sperimentale
terre



3 GOOD HEALTH AND WELL-BEING



10 REDUCED INEQUALITIES



Mental Health and Mobility

Estimating mental health problems upsurge and its costs due to COVID-19 pandemic, highlighting heterogeneities in the effects

Delivering to policy makers clear-cut evidence on where and to what extent today's psychological vulnerability may translate into medium and long-term costs for individuals, communities and the healthcare system overall.



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Mental Health and Mobility partners



Neuroscience



Health Economics



Data Science



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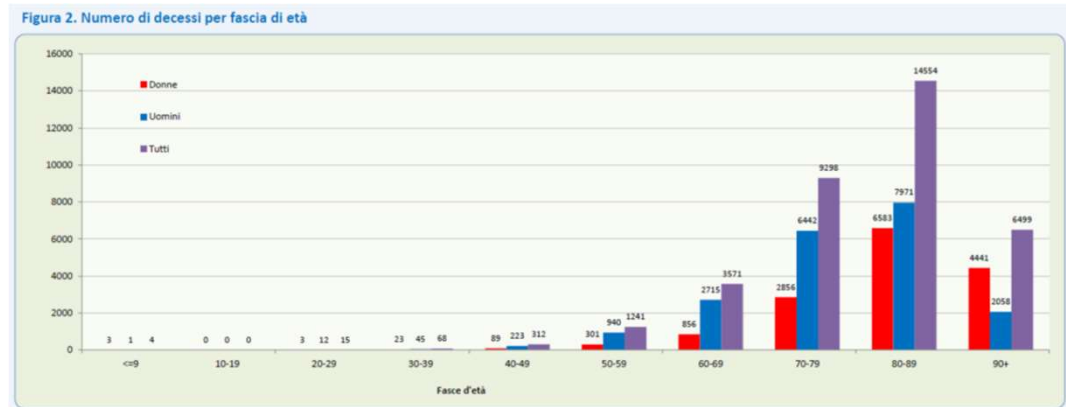
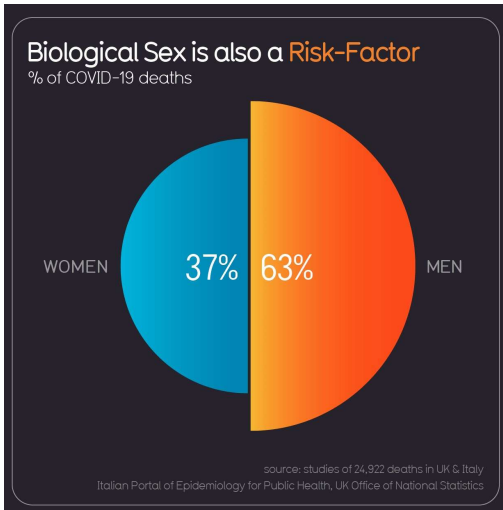
Gender



Why women seem to be less likely than men to develop severe cases of Covid-19?



Which aspects (gender, sexual, social, or other) prevail in explaining the observed differences in Covid-19 outcomes between men and women?



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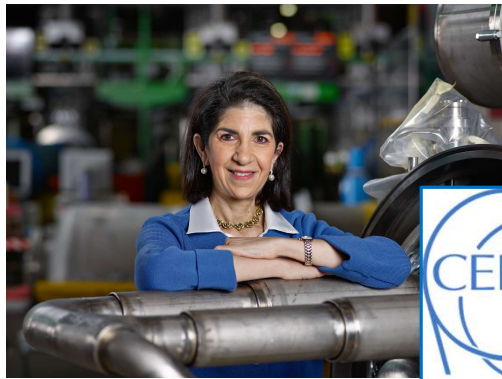
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The Sex and Gender working group partners



Co-initiator



Fabiola Gianotti

Director-General of CERN

Honorary Professor at the University of Edinburgh
Cavaliere di Gran Croce dell'ordine al merito della Repubblica
Enrico Fermi Prize of the Italian Physical Society (2013)

Member of:

Italian Academy of Sciences,
National Academy of Sciences of the United States,
French Academy of Sciences,
Royal Society London,
Royal Academy of Sciences and the Arts of Barcelona
Royal Irish Academy



Circular Health Initiative

Notable Collaborators

Editor-in-Chief of Data & Policy (Cambridge University Press)
Research Director of the MacArthur Research Network on Opening Governance;
Chair of the Data for Children Collaborative with Unicef;
Member of the High-Level Expert Group to the European Commission on Business-to-Government Data Sharing;
Senior Fellow at the Center for Democracy and Technology (CDT);
Senior Fellow at Yale University



Stefaan Verhulst

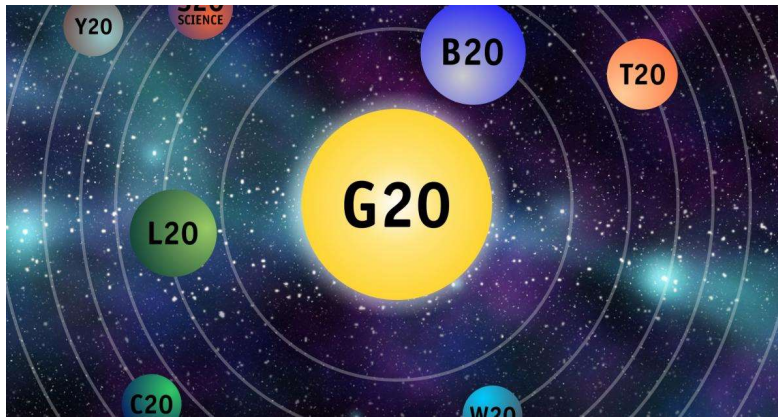
Co-Founder and CRDO of GovLab at NYU



Alberto Di Meglio

**Head of CERN Openlab
Coordinator of Quantum Technology Initiative**





G20 Engagement Groups

B20 BUSINESS 20

Founded: 2008
Recognized by the G20: 2010
Members: Business interest groups

L20 LABOUR 20

Founded: 2008
Recognized by the G20: 2011
Members: Trade unions and other employee representatives

C20 CIVIL 20

Founded: 2008
Recognized by the G20: 2013
Members: Civil society organizations

Y20 YOUTH 20

Founded/recognized by the G20: 2010
Members: Youth representatives

T20 THINK 20

Founded/recognized by the G20: 2012
Members: Think tanks

W20 WOMEN 20

Founded/recognized by the G20: 2015
Members: Women's rights organizations

S20 SCIENCE 20

Founded/recognized by the G20: 2017
Members: Science and research representatives

U20 URBAN 20

Founded: 2017
Recognized by the G20: 2018
Members: Mayors and governors of major G20 cities

Source: Global Solutions Initiative

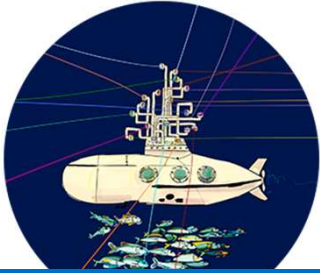


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E-ellow Submarine
Team



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