

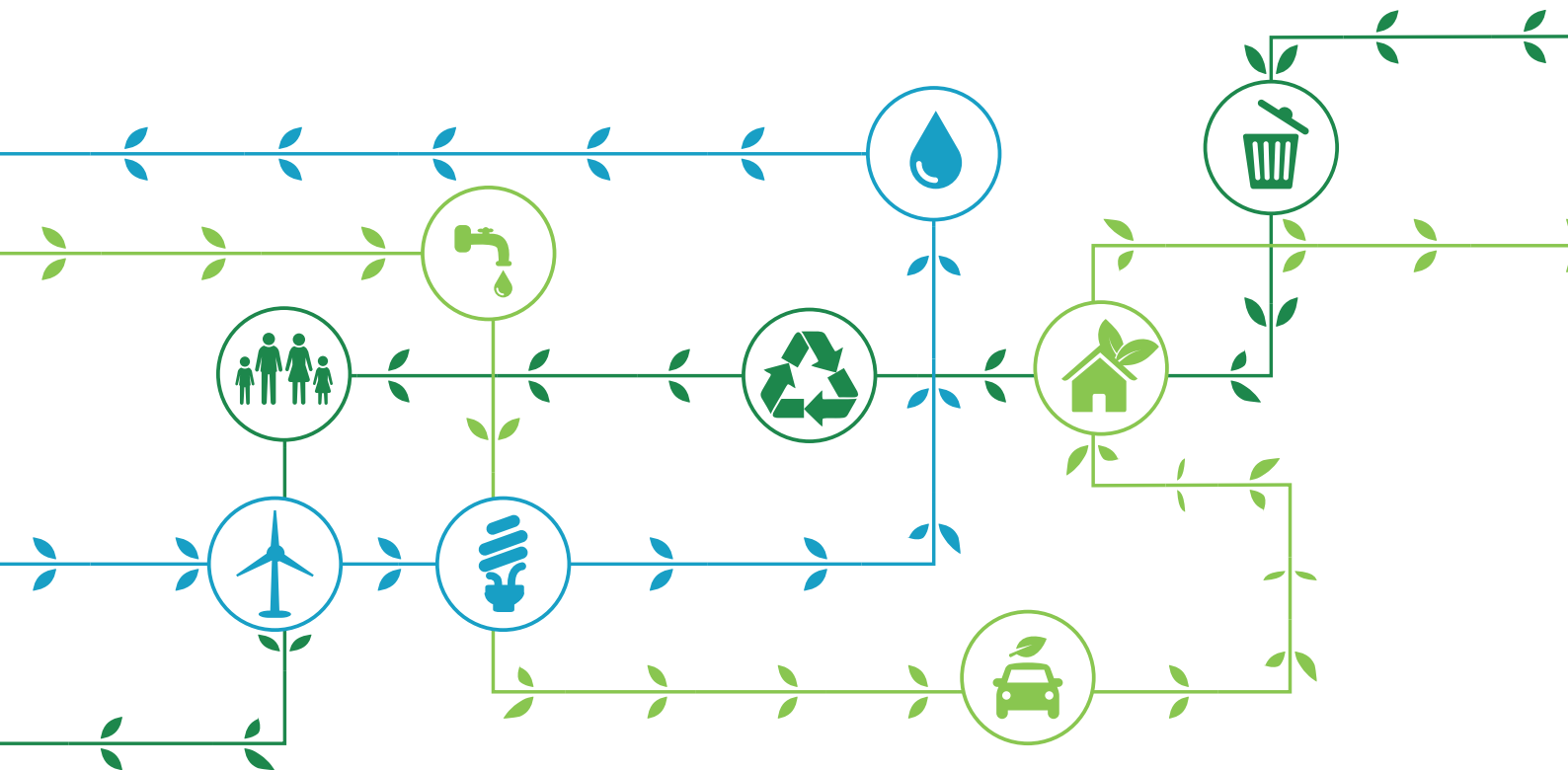


**SHARING KNOWLEDGE  
& EXCELLENCE.**



The Mission of Switzerland to the EU, **SwissCore** and Frontiers  
in cooperation with the Estonian Presidency of the Council of the EU  
kindly invites you to the Policy Symposium:

# **Digital Open Science:** SOLVING THE SOCIETAL AND SUSTAINABILITY CHALLENGES OF THE 21<sup>ST</sup> CENTURY



28 September 2017, 17:00-19:00 – followed by a cocktail reception  
BIP Salle des Guichets, Rue Royale 2-4, 1000 Brussels

The event is organised with  **frontiers**

# Introduction

**H**umanity has prompted a new geological era – the Anthropocene, the first period in the planet’s history in which a single species has placed itself and entire eco-systems in peril. Europe and the world face ever expanding growing societal and sustainability challenges that can only be addressed by scientific and technological innovation coupled with concerted political attention, for example via the UN Sustainable Development agenda to which the EU is also committed.

We are living in the fourth, digitally based industrial revolution wherein science and technology drive progress in society. The world’s research output is rising exponentially and solutions to many of the world’s challenges already exist. However, the full benefits of research will only be realised if results are disseminated rapidly and openly among scientists so that they can build on each other’s achievements. Just as importantly, research results must be freely and immediately available to decision-makers to drive and inform policies, industry to translate science into innovative products and solutions, schools and universities to educate new scientists, and civil society to promote global advocacy and citizen science.

This is **Open Science** – a new research paradigm based on collaboration, transparency and accessibility. It is urgently needed to tackle the societal and sustainability challenges of the 21<sup>st</sup> century.

The European Union has expressed a leading commitment to Open Science via the *Amsterdam Call to Action on Open Science* and the *EU Council Conclusions on the Transition towards an open science system*. However much more still needs to be done to accelerate this transition so that research publications, data, tools and digital infrastructures are openly and systematically available for the benefit of all European citizens, researchers and businesses.

During this Policy Symposium, hosted by the Mission of Switzerland to the EU, **SwissCore** and **Frontiers** in cooperation with the 2017 Estonian Presidency, speakers and panellists will discuss the contribution of digital Open Science to driving innovative solutions towards a sustainable society, as well as economic growth, and the need for European and global policies that accelerate a full transition to Open Science.

Key questions to be addressed during the Symposium include:

- How can we establish a culture of digital Open Science that spans all parties involved in conducting and disseminating research (i.e. including researchers, funders, universities, publishers and consumers)?
- How can we best harness the value of Open Science and promote its translation into innovative, viable technologies that maximise impact and value for our societies?
- How should EU and Member States promote Open Science via research policies – e.g. how should FP9 be structured with respect to Open Science?
- What are the key enablers of Open Science and what do policymakers need to do to put the right conditions, tools and environments in place?

# Agenda

Symposium Moderator: Ms Charlotte Geerdink - European Advisor for Innovation, SwissCore

<b>16:30</b>	Registration
<b>17:00</b>	<b>Welcome</b> <ul style="list-style-type: none"><li>• Mission of Switzerland to the European Union (<a href="#">confirmed</a>)</li></ul>
<b>17:05</b>	<b>Opening: Fostering Europe's leadership in Open Science and addressing the UN Sustainability Development Goals</b> <ul style="list-style-type: none"><li>• Mr Kurt Vandenberghe - Director, Policy Development and Coordination, DG Research &amp; Innovation, European Commission (<a href="#">confirmed</a>)</li></ul>
<b>17:15</b>	<b>Keynote: How to best leverage the open science revolution for the benefit of humanity?</b> <ul style="list-style-type: none"><li>• Dr Kamila Markram - CEO, Frontiers - Open Science Platform (<a href="#">confirmed</a>)</li></ul>
<b>17:35</b>	<b>Vision 1: Open science to accelerate solutions to the earth's sustainability challenges</b> <ul style="list-style-type: none"><li>• Professor Valerio Acocella - Professor of Geosciences, University Roma Tre (<a href="#">confirmed</a>)</li></ul>
<b>17:50</b>	<b>Vision 2: Open science to accelerate solutions to societal health challenges</b> <ul style="list-style-type: none"><li>• Professor Michel Goldman - Head of Institute for Interdisciplinary Innovation in Healthcare (I3h), Université Libre de Bruxelles and former Executive Director of the Innovative Medicines Initiative (IMI) (<a href="#">confirmed</a>)</li></ul>
<b>18:05</b>	<b>Panel Discussion: How can open science maximise the impact and value of research for our societies?</b> <ul style="list-style-type: none"><li>• Professor Urmas Kõljalg - Open Science Expert Group, Estonian Research Council (<a href="#">confirmed</a>)</li><li>• Professor Mary Ritter OBE - International Ambassador Climate KIC; Emeritus Professor, Imperial College London; Chair of RISE Open Science Advisory Group (<a href="#">confirmed</a>)</li><li>• Professor Moritz Riede - co Chair Global Young Academy, Associate Professor Oxford University (<a href="#">confirmed</a>)</li><li>• Ms Nicola Bedlington - Secretary General, European Patients' Forum (EPF) (<i>tbc</i>)</li><li>• Mr Kurt Vandenberghe - Director, Policy Development and Coordination, DG Research &amp; Innovation, European Commission (<a href="#">confirmed</a>)</li><li>• Dr Kamila Markram - CEO, Frontiers - Open Science Platform (<a href="#">confirmed</a>)</li></ul>
<b>18:55</b>	<b>Concluding remarks</b> <ul style="list-style-type: none"><li>• Estonian Presidency of the Council of the EU (<a href="#">confirmed</a>)</li></ul>
<b>19:00</b>	Cocktail Reception