

DAY II – 16 MAY 2026 – ACTION AND IMPACT

9:30 AM – 11:00 AM I

LANDMARK LAUNCH OF THE IDSSD GLOBAL REPORT

Presentation of the Global Report and its implications for action

Moderator: Ms Amal Kasry, Chief of Section for Basic Science, Research, Innovation and Engineering, UNESCO

Presentation of the Global report of IDSSD : Mr HU Shaofeng, Director, Division of Science Policy and Capacity Building, UNESCO

July 16th second day in the morning 9 :30am 1h30 10' each 2 or 3 slides max

Panelists :

- **Mr Michel Spiro**, President, Earth-Humanity Coalition, Past President International Union of Pure and Applied Physics (IUPAP)
- **Mr Dragan Đuričin**, Fellow, World Academy of Art and Science
- **Ms Indrani Karunasagar**, Director, Projects and Technology Enabling Centre, Department of Science and Technology, Government of India, Nitte University, Mangalore
- **Ms. Vanessa Mc Bride**, Science Director at the International Science Council
- **Ms Sabine Becker-Thierry**, Executive Officer, United Nations University
- **Mr Huadong Guo**, Director of CBAS and Leader of IDSSD DSP Programme

Q&A – 10'

SUGGESTED QUESTIONS

To Mr. Michel Spiro, President, Earth-Humanity Coalition **and Past President of the International Union of Pure and Applied Physics:**

From your perspective, where are the most critical implementation gaps in global science-for-sustainable-development agendas today?

Thank you for all what UNESCO is doing for the decade, thank you for this well organized, magnificent UNESCO Global Conference on IDSSD, thank you for the question. There is momentum for innovation for sustainable development. What is missing to my mind, is to embark all sciences (basic and applied, natural and social together with humanities), and all knowledge (including traditional) in impact-oriented and transformative actions at all scales (villages, provinces, countries, group of countries, global) towards equitable well-being on healthy territories. This is the goal of the Earth-Humanity Coalition, after the International Year of Basic Sciences for Sustainable Development, and under the umbrella of the International Decade of Sciences for Sustainable Development. This is what we call a Transdisciplinary approach (academics with all sciences and non-academics with citizen, private sector, NGOs, decision makers with their own knowledge). The approach should be holistic (view the Earth as a Whole living), with all sciences, all knowledge. It should be an impact oriented and transformative approach towards (our slogan:) equitable well-

being on a healthy lively planet at all scales, for a better world. It must be collaborative (sharing best practices), needs much more funding oriented in that direction, with an overall strategy elaborated in a transdisciplinary manner. Ultimately, multiple organizations and thousands of transdisciplinary hubs (academics and non-academics at all scales for sustainable development) should be collaborating, all over the world to implement solutions. This is exactly what ISC calls flipping the science model, where scientists, instead of staying in their ivory tower, co-construct with citizen the implementation of solutions to their problems.

We need to create the conditions for this to happen, targeting equitable regenerative circular economies fueled by decarbonated energies, building intercultural bridges and peace, looking for genuine progress. What could be the indicators? There are already attempts to build indicators for that, like using the UN Human Development Index, the Club of Rome inspired Genuine Progress Indicator, the Bhutan Gross National Happiness Index, all instead of GDP (the Gross Domestic Product). They should ultimately become more visible and more guiding indicators than GDP.

In that general spirit that I described, we, the EHC, are developing many “embarking” joint activities, under the umbrella of IDSSD: with the WAAS to embark sciences and humanities, with the UNESCO Bridges Coalition, to embark all social sciences and knowledge, with the Club of Rome to reconcile the Earth and Humanity, with IUPAP with a global conference on Physics for equitable well-being on a healthy planet, with JINR with a thematic session tomorrow afternoon on Science brings nations together which is the model of JINR in Nuclear Physics, CERN in Particle Physics and SESAME , the synchrotron light source, in the Middle East, all of them linked in one way or another to UNESCO.

I will finish with one initiative, deep in my heart, with CERN, to offer Zenodo, the open CERN repository, supported by the EU commission, to help collaborating, in hosting all artifacts coming out from these transdisciplinary hubs (narratives, texts, audios, videos) moderated by teachers and librarians (they are well in a position to do the in between academics and non-academics). This will allow, with Zenodo, as it was done with Covid 19 with patients and doctors, to share all the outcomes and discuss the best practices. We (the Earth-Humanity Coalition and IUPAP), are implementing these ideas together with the Belmont Forum, the Club of Rome and the UNESCO Bridges coalition, with The World Academy of Arts and Sciences, The Sustainability Network, The Inter-Trans Disciplinary Alliance (all have transdisciplinary, co-constructed activities).

This is well in line with the conclusion of the IDSSD UNESCO Global Report, I quote: **we need a platform to translate the momentum towards sustainable development into shared capacity, investing in education, enabling access to infrastructure, and advancing responsible governance so that the scientific future is built on inclusion and trust.**

I conclude by strongly advocating that we need to reconcile humanity, we need to reconcile progress and humanity, we need to reconcile earth and humanity.

Our initiatives with IUPAP and the Earth-Humanity Coalition, goes in this direction.

- **To Mr. Dragan Durđin, Fellow, World Academy of Art and Science:**
What do the findings of the Global Report imply for strengthening cooperation between scientific, cultural, and policy communities?
- **To Ms. Indrani Karunasagar, Director, Projects and Technology Enabling Centre, Department of Science and Technology, Government of India, Nitte University, Mangalore:**
How can Member States better translate scientific evidence into practical and scalable implementation strategies at national and regional levels?
- **To Ms. Vanessa McBride, Science Director at the International Science Council:**
Which findings from the Global Report should most strongly shape the international scientific agenda and the operational priorities emerging from this Conference?
- **To Ms. Sabine Becker-Thierry, Executive Officer, United Nations University:**
How can UN institutions and academic networks work more effectively together to ensure that scientific knowledge leads to concrete societal impact?
- **To Mr. Huadong Guo, Director of CBAS and Leader of the IDSSD DSP Programme:**
How will the Decade use the Global Report as a platform for action, implementation, and long-term international cooperation rather than only reflection?
- **Question to all panelists:**
What practical mechanisms are needed to better connect scientific evidence, policymaking, and implementation in support of sustainable development?

Transdisciplinary hubs for sustainable development (academics, private sector, decision makers, NGOs, citizen) are exactly what we need to better connect scientific evidence, policymaking, and implementation in support of sustainable development. The International Day of Engagement in Sciences, which is an outcome of the International Decade of Sciences for Sustainable Development, resolution brought forward to UNESCO by Ukraine, will help, even beyond the International Decade.

We need to collaborate for sustainable development. We need a Worldwide grid of territorial sustainable transdisciplinary hubs (villages, provinces, countries, groups of countries, global), all interconnected and collaboratively working.

The model of collaboration of CERN, JINR and SESAME can be helpful for that, but not enough. We need to enhance the interconnection of academics and non-academics

We need to reconcile humanity, to reconcile progress and humanity, to reconcile the Earth and Humanity! IDSSD and the Earth-Humanity Coalition can contribute to that!