



# CSIR, India: An Innovation Hub for Global Sustainable Development



Science Summit at the 77 United Nation General Assembly (SSUNGA77)

Date: 22 and 28 September 2022; Time: 1630 hrs to 1900 hrs (IST)

## Brief Report

Council of Scientific and Industrial Research (CSIR), India organized a two-day event during the Science Summit at 77 United Nations General Assembly, 2022 (SSUNGA77) entitled "**CSIR, India: An Innovation Hub for Global Sustainable Development**" on September 22 & September 28, 2022 with an aim to showcase CSIR's contributions to Science and Technology and its efforts towards Global Sustainable Development.

Through S&T interventions in a wide spectrum of S&T fields (from oceanography, geophysics, chemicals, drugs, genomics, biotechnology and nanotechnology to mining, aeronautics, instrumentation, environmental engineering and information technology), CSIR has been contributing to the industrial, societal and economic growth of India, for eight decades now. It has helped the country overcome many challenges and crisis. Also, CSIR has been immensely contributing to the UN Sustainable Development Goals. The Session "CSIR, India: An Innovation Hub for Global Sustainable Development" briefly showcased S&T interventions and solutions of CSIR that contribute to the UN SDGs.

The two-day event (virtual mode) encompassed 5 sessions with 22 eminent speakers/ experts and a panel discussion. During inaugural session on September 22, 2022, Dr N. Kalaiselvi, Director General, CSIR and Secretary, Department of Scientific and Industrial Research, Government of India gave an overview of CSIR and invited collaborations. It was followed by scientific sessions focused on Food, nutrition and botanical innovations (No poverty, Zero hunger - SDG 1, 2); Affordable Healthcare (SDG 3); and Water & life below water (SDG 6, 13, 14).

Recording: <https://www.youtube.com/watch?v=Zmw5yzRn9Xk>

## Program Day 1 : 22<sup>nd</sup> September 2022

CSIR, India Science Sessions during the Science Summit at the 77 United Nation General Assembly  
**"CSIR, India: An Innovation Hub for Global Sustainable Development"**  
 Date: 22 September 2022; Time: 1630 hrs to 1900 hrs (IST)

**Day 1**  
22 September

**Dr. N. Kalaiselvi**  
 Director General, CSIR  
 and Secretary, DSIR

**Dr. Kannan Srinivasan**  
 Director, CSIR-CSMCRI  
**Potable Water**

**Dr. Atul Vaidya**  
 Director, CSIR-NEERI  
**Waste Water Management**

**Dr. Sunil Kumar**  
 Director, CSIR-NIO  
**Impact of Climate Change on Indian Ocean**

**Dr. Sridevi A. Singh**  
 Director, CSIR-CFTRI  
**Food and Nutrition**

**Dr. S. K. Barik**  
 Director, CSIR-NBRI  
**Botanical Innovations**

**Dr. Ram Vishwakarma**  
 Distinguished Scientist,  
 CSIR & CSIR-CDRI  
**Moderator**

**Dr. D.S. Reddy**  
 Director, CSIR-IICT  
**Therapeutics**

**Dr. Vinay K. Nandicoori**  
 Director, CSIR-CCMB  
**Genomics & Diagnostics**

**Affordable Healthcare**

The scientific sessions of September 28, 2022 were focused on Sustainability – Energy, Environment, Cities, Communities (SDG 7,11,13); and Industry and Infrastructure – Materials for global society (SDG 8,9,12); followed by a panel discussion that summarized the discussions and deliberated on the future priorities and significance of international collaboration for global good.

Recording: [https://www.youtube.com/watch?v=o1Xz8Nb9n\\_4](https://www.youtube.com/watch?v=o1Xz8Nb9n_4)

## Program Day 2: 28<sup>th</sup> September 2022

**CSIR, India Science Sessions during the Science Summit at the 77 United Nation General Assembly**  
**“CSIR, India: An Innovation Hub for Global Sustainable Development”**  
 Date: 28 September 2022; Time: 1630 hrs to 1900 hrs (IST)

**Day 2**  
28 September

**Youtube** <https://www.youtube.com/caisrindia1942> **Facebook** [CSIR\\_India | Facebook](https://www.facebook.com/CSIR_India/) **Twitter** [https://twitter.com/caisr\\_ind?lang=en](https://twitter.com/caisr_ind?lang=en)

**Sustainability – Energy, Environment, Cities, Communities**

- Dr. Ashish Lele, Director, CSIR-NCL  
**Energy Solutions**
- Dr. Abhay Pashilkar, Director, CSIR-NAL - Air Transportation - An Enabler for Economic Growth
- Dr. B. Chandrasekaran, Distinguished Scientist, CSIR - Environmental Social Governance – An Example of Leather

**Industry and Infrastructure – Materials for Global Society**

- Dr. Indranil Chatteraj, Director, CSIR-NML  
**Materials and Applications**
- Dr. N. Anandavalli, Director, CSIR-SERC  
**Infrastructure**

**Dr. Suddhasatwa Basu**  
Director, CSIR-IMMT  
**Moderator**

**Panel Discussion**

**Moderator:** Dr. Suddhasatwa Basu, Director, CSIR-IMMT

**Panelists:**

- Dr. K.J. Sreeram, Director, CSIR-CLRI
- Dr. Ram Vishwakarma, Distinguished Scientist, CSIR & CSIR-CDRI
- Dr. Suddhasatwa Basu, Director, CSIR-IMMT
- Dr. V. M. Tiwari, Director, CSIR-NGRI
- Mr. Declan Kirrane, Chair SSUNGA77
- Dr. Dhananjay Tiwary, Science Counsellor, Embassy of India, USA
- Dr. Rama Swami Bansal, Head, International, CSIR

The sessions acquainted the global S&T fraternity with some technology strengths of CSIR, its technology based solutions and their applications for societal welfare as also to foster global collaborations. The event, relevant for the global scientific community, start-ups, industry, policymakers, global think tanks and other stakeholders working towards Global Sustainable Development, was very informative and interactive and was much appreciated by the attendees.

The sessions were streamed live on CSIR YouTube, Facebook and Twitter Handles. More than 5000 viewers from across the globe attended the sessions.