

Mission Innovation Statement at the UN Climate Action Summit

New York, 24 September 2019

The launch of Mission Innovation (MI) at COP21 recognised the vital role of innovation – driven by sustained public investment coupled with business leadership – to meet long-term climate goals and provide affordable, reliable and secure energy supplies. Since November 2015, MI has expanded to 25 members from five continents, responsible for more than 80 percent of the world’s public sector clean energy innovation investments, who have all committed to seek to double their clean energy innovation investments.

MI – a global community shaping the clean energy innovations of tomorrow

As the global community comes together in New York for the UN Climate Action Summit, Mission Innovation is pleased to share the progress that has been made through ongoing national efforts and global collaboration. MI members have increased their public sector investments in transformational clean energy technologies by \$4.6 billion annually and launched nearly 60 new international collaborations. More than 4300 innovators, policymakers and investors have participated in eight Innovation Challenges, targeting accelerated global efforts in critical areas such as hydrogen, CCUS, heating & cooling and new energy materials. The Innovation Challenges are supporting novel programmes such as the \$3M Global Cooling Prize to develop air conditioners with 5x less climate impact. These combined efforts are leading to new clean energy breakthroughs and businesses. The MI 1.5 °C Compatible Solutions Initiative has showcased 100 new solutions with the potential to avoid 3 Gigatons CO₂ per year by 2030 (5% global emissions) and over \$170 million of new public-private investment funds are supporting the commercialisation of these vital technologies.

These achievements would not have been possible in less than four years without close engagement with our collaborating organisations: Breakthrough Energy, the World Economic Forum, the International Energy Agency, the International Renewable Energy Agency, the Global Covenant of Mayors and the World Bank.

Our continued commitment to accelerating clean energy innovation

While much progress has been made, the pace of innovation still falls short of what is required to deliver our goal of providing widely affordable and reliable clean energy solutions that will revolutionize energy systems throughout the world over the next two decades and beyond. Mission Innovation members therefore reiterate the ongoing importance of clean energy innovation and their continued commitment to deliver on the vision set out in the MI Launch Statement and Action Plan.

As Mission Innovation reaches the end of its initial five-year mandate and in the lead up to COP26, we commit to working together and with other governments, the private sector and wider stakeholders to build on this momentum to date in order to track progress, implement outcomes and identify how we can further raise ambition and accelerate clean energy innovation over the next decade.

On behalf of Mission Innovation members:



Prof John Loughhead
Chief Scientific Adviser, BEIS (UK)



Dr Renu Swarup
Secretary, DBT (India)



Robert Andren
Director General, Swedish Energy Agency (Sweden)

Chair and Vice-Chairs, Mission Innovation Steering Committee