

NDC Spotlight – 10 minutes with the Stockholm Environment Institute (SEI)

17 August 14:00 CET – 30min

The Stockholm Environment Institute is an international non-profit research organization that has worked with environment and development issues from local to global policy levels for a quarter of a century. SEI works to shift policy and practice towards sustainability

In this online dialogue, Charlie Heaps, a Senior Scientist at SEI and developer of LEAP, the Long-range Energy Alternatives Planning System, will give an introduction to LEAP and talk about how it has been used to inform the analyses behind countries' I/NDCs. He will also cover two new developments to LEAP. The first is designed to help countries consider the impacts of air pollution and the co-benefits of taking action on short-lived climate pollutants. The second is designed to help developing countries incorporate land-based resources such as wind, solar and biomass in their climate mitigation plans.

14:00 – 14:05

Introduction (UNFCCC)

14:05-14:15

Presentation by Charlie Heaps

Senior Scientist, SEI

Charlie is a Senior Scientist at SEI and developer of LEAP, the Long-range Energy Alternatives Planning System. From 2006 through 2014, he was also the Director of SEI's US Center. LEAP, which Charlie has been developing since 1990, is a powerful, versatile software tool for integrated energy planning and climate change mitigation assessment. In 2016 alone, almost 4,000 people used the tool, and the LEAP online community, has now grown to over 34,000 members in 196 countries.

Along with developing LEAP, Charlie works around the world conducting workshops, undertaking energy studies and building capacity for climate mitigation analysis in developing country organizations. Recently he has been working with international initiatives including LEDS-Global Partnership, the UNDP's Low Emission Capacity Building Program (LECB), the EU's Environment and Climate Regional Accession Network (ECRAN), and the ClimaSouth and ClimaEast programmes. Charlie has also been a contributor to the development of other SEI software tools, including WEAP, SEI's software for water resource planning. Charlie has Ph.D. in Environmental Technology from Imperial College in London.

Guiding questions:

- How is SEI supporting NDC implementation?
- What kind of tools does the SEI have to support the implementation of NDCs?

14:15-14:25

Questions from the audience

14:25-14:30

Wrap-up and closing (UNFCCC)