



SBSTA side-event:

Ratcheting up NDCs: Sustainable roadmaps towards the global objectives of 1.5°C and 2°C

Saturday, 13 May 2017, 15:00-17:00

Venue: Hotel Hilton Bonn, Room: Paris 1+2

The year 2015 saw the world come together on two significant agreements: the Paris Agreement within the UN Framework Convention of Climate Change (UNFCCC) and the establishment of the Sustainable Development Goals (SDGs) adopted at the UN Sustainable Development Summit. The Paris Agreement famously aims “keeping a global temperature rise this century well below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1.5 degrees Celsius”, whereas the SDGs are expected to dominate the development agenda during the next decade.

The Paris Agreement has been ratified in a swift manner, and entered force already less than a year after the Paris climate summit, on 4 November 2016. Virtually all countries in the world have set their national emissions reduction targets, their Nationally Determined Contributions (NDCs). Studies show, however, that the combined effort of the NDCs is not even close to reaching the emissions reductions needed for staying under 1.5C or even the 2C. Therefore, enhancing the ambition of the NDCs will be crucial.

The transformation towards low carbon pathways is expected to have notable impacts on other development goals. For example, poverty reduction and reducing inequalities (SDGs 1, 10, 5), food security (SDG 2), health issues (SDG 3), water availability (SDG 6), energy access and energy poverty (SDG 7), economic growth and employment (SDG 8), industry, innovation and infrastructure (SDG 9) and climate action (SDG 13), will all be affected either positively or negatively by climate action. Non-climate sustainable development goals are high on decision-makers agenda, and the expected effects for development of climate policy may be decisive factors in climate negotiations during upcoming years whereas at the same time ratcheting up the NDCs is key for reaching the globally agreed target of staying well below 2°C.

To maximize synergies between the two global agreements and to support national policy making within climate and development issues, interactions between climate policies and the SDGs need to be better understood. The research project “Linking Climate and Development Policies – Leveraging International Networks and Knowledge Sharing” (CD-LINKS) brings together a consortium of nineteen leading international research organizations from around the globe to explore national and global climate transformation strategies and their linkages to a range of SDGs. The project is financed by the European Commission’s Horizon 2020 programme.

This side event will introduce the most recent outcomes of the CD-LINKS project. We’ll present the climate policy measures required to reach the 2°C and 1.5C targets, and compare them with the current ambition level of the NDCs. This work will inform the 2018 facilitative dialogue under the Paris Agreement. On the other hand, we assess implications of the low carbon transformation pathways for the SDGs, such as poverty, food security, water, biodiversity, air pollution and health, and analyse how more stringent climate action could foster a transformation with positive additional feedbacks with regards to the SDGs. Furthermore, representatives of the Indian and Brazilian partners of the project will present country-level strategies for climate transformation pathways for the future that support the global target of staying well below 2°C, together with initial results on their impact on other sustainable development dimensions.



This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 642147 (CD-LINKS).



Agenda

Time	Topic	Presenter
15:00-15:05	Introduction <ul style="list-style-type: none">• Introduction of CD-LINKS• Presentation of side-event outline	Keywan Riahi, IIASA
15:05-15:20	Global transformation pathways towards well below 2C and 1.5C based on the climate policy objectives under the Paris Agreement	Keywan Riahi, IIASA
15:20-15:35	Implications on the Sustainable Development Goals (SDGs) of transformation pathways aiming at well below 2C and 1.5C	Volker Krey, IIASA
15:35-15:45	<i>Q&A on first block of presentations</i>	
15:45-15:55	A policy perspective on the NDCs in the context of the Paris Agreement goal of staying well below 2C	Detlef Van Vuuren, PBL
15:55-16:05	An Indian perspective of developing sustainable and low-carbon transformation pathways heading towards well below 2C	Ritu Mathur, TERI
16:05-16:15	A Brazilian perspective of developing sustainable and low-carbon transformation pathways heading towards well below 2C	Roberto Schaeffer, COPPE
16:15-16:25	<i>Q&A on second block of presentations</i>	
16:25-16:35	Presentation and reflective remarks	Tancredi Voituriez, IDDRI
16:35-17:00	Concluding panel discussion <ul style="list-style-type: none">• Questions and feedback from audience• Conclusions	Panel composed of above speakers



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