

Agenda

Roadmap workshop for decarbonisation of the steel sector in South Africa

18 April 2023, 09.00-17.00 IST

Time	Content	Speakers
08:30-9:00	Registration and coffee	
	Opening Session	
9:05-9:30	<p>Welcome and Introduction the workshop</p> <ul style="list-style-type: none"> South Africa's climate transition targets and the key role of industry for sustainable development. South Africa's LeadIT membership – international cooperation, national roadmapping, and sharing experience. 	<p>Mahendra Shunmoogam, Director: Primary Minerals Beneficiation and Construction, Department of Trade, Industry and Competition</p> <p>High level representative from the steel sector</p> <p>Mr Håkan Juholt, Swedish Ambassador to South Africa</p>
09:30-9:50	<p>South Africa's iron & steel sector</p> <ul style="list-style-type: none"> Introduction of the iron and steel industries' economic significance and alignment with South Africa's development plans and climate targets. Understanding the value chain, regional intensity of production and linkages to other economic sectors Understanding the incumbent technologies and decarbonisation options. Socio-economic role of the steel sector in South Africa 	<p>Muhammed Patel, Trade & Industrial Policy Strategies (TIPS)</p>
9.50-10.10	<p>South African case – DRI H2</p> <p>Case study on opportunities to kick start and accelerate decarbonisation of global iron/steel via reconfiguring global production chains.</p> <p>Example of accelerated South Africa based hydrogen-DRI production for export to Europe</p>	<p>Hilton Trollip, University of Cape Town</p>
10.10-10.20	Q & A	
10.20 –10.35	<p>Overview of LeadIT Initiative & Walk-through of the Roadmapping tool and aims</p>	<p>Dr. Aaron Maltais, LeadIT Secretariat at Stockholm Environment Institute (SEI)</p>
10.35-10.50	Tea & Coffee	
	The current transition issues and international experience	
10.50-11.45	<p>Panel discussion: Current context and transition</p>	<p>Representatives from the iron and steel value chain,</p>

	Panel discussion with key stakeholders on the current challenges, decarbonisation and the future of the industry	government, downstream players and civil society
11.45-12.45	Lunch	
12.50-13.15	Examples of decarbonization strategies and plans from around the world: JSW steel	JSW Steel
13.15-14:45	Activity 1: Visions and challenges activities <ol style="list-style-type: none"> 1. Understanding the current transition and decarbonisation challenges in the value chain 2. Mapping a future state of the value chain and the steps to get there 	All participants
14.45-15.00	Coffee break	
15.00-16.30	Activity 2: Key actions and actors <ol style="list-style-type: none"> 1. Understanding the key actors of change in the value chain that can drive the steps required 2. Understanding the guiding influences to effect change amongst key stakeholders 	All participants
16.30-16.45	OECD presentation on South African iron and steel process	OECD representatives
16.45-17.00	Next steps and Closing	IDC