

4TH SUSTAINABLE BIO-INNOVATION SYMPOSIUM

“Enabling Genome Editing-Based Innovation in SA”

28 September 2023

Venue: Diep in die Berg, Pretoria (-25.7845, 28.3359)

Objectives

- Provide a platform for all stakeholders to discuss the prerequisites for a sustainable genome editing (GE) innovation system in South Africa.
- Develop an intervention priority list to facilitate this.

DRAFT PROGRAM		
Time	Title	Presenter/Participants
08:00 – 09:00	REGISTRATION AND NETWORKING	
09:00 – 09:15	Welcome & setting the scene	Hennie Groenewald, Biosafety SA
Topic 1: GEd regulation (Chair: Lindi Botha)		
09:15 – 09:45	Keynote: Kenyan GEd regulatory framework & activities	Roy Mugiira, Kenya National Biosafety Authority
09:45 – 10:00	SA regulatory framework for GEd	TBC
10:00 – 10:15	A risk-based argument for distinguishing between SDN1&2 and GMOs	Hennie Groenewald, Biosafety SA
10:15 – 11:00	Panel discussion + Q&A	Lindi Botha, Roy Mugiira, Julian Jaftha & Hennie Groenewald
11:00 – 11:30	COFFEE & TEA BREAK	
Topic 2: GEd in practice (Chair: Priyen Pillay)		
11:30 – 11:40	CRISPR for dummies	Manuela Campa, Stellenbosch University
11:40 – 12:00	CRISPR-based GEd in microorganisms	Tiffany Smith, Wits & Deanne du Plessis, University of Pretoria (UP)
12:00 – 12:20	CRISPR-based GEd in plants	Luke Kim & Lorcan Carlsen, UP
12:20 – 13:00	Panel discussion + Q&A	Priyen Pillay, Tiffany Smith, Deanne du Plessis, Luke Kim, Lorcan Carlsen, & Manuela Campa
13:00 – 14:00	LUNCH BREAK	
Topic 3: GEd innovation management (Chair: Hennie Groenewald)		
14:00 – 14:30	Concept to market for a GEd product	Dan Jenkins, Pairwise USA (pre-recorded)
14:30 – 14:40	SA academic perspective	Dave Berger, UP
14:40 – 14:50	SA seed industry perspective	Magdeleen Cilliers, SANSOR
14:50 – 15:00	SA bio-entrepreneur perspective	Mauritz Venter, Azargen Biotechnologies
15:00 – 15:50	Panel discussion + Q&A and way forward	Glendon Ascough (Starke Ayres), Magdeleen Cilliers, Dave Berger, Mauritz Venter, Hennie Groenewald
15:50 – 16:00	Closing	Ben Durham, DSI
16:00 – 18:00	NETWORKING RECEPTION	