



iBT²⁰²⁶

INNOVATIVE BUILDING TECHNOLOGIES

SUMMIT

3 - 4 FEBRUARY 2026, NASREC EXPO CENTRE

PROGRAMME



HOUSES ■ SECURITY ■ COMFORT



human settlements

Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA





**The Minister of Human Settlements,
Ms. Thembi Simelane,
welcomes you to the 2026 Innovative
Building Technologies (Ibts) Summit**

DAY: ONE



08h00-08h45 | ARRIVAL, REGISTRATION AND TEA

SECTION A: PROCEDURAL ARRANGEMENTS

Programme Director: Dr. Alec Moemi: Director-General: DHS

09h00-09h55	Delegates and Guests are seated	Protocol
10h00-10h05	Singing of the South African National Anthem	ALL
10h10-10h20	Opening and Welcoming Remarks	Mr. Panyaza Lesufi Premier of Gauteng Province
10h25-10h40	Purpose of the Innovative Building Technologies (IBTs) Summit for the Delivery of Human Settlements	Ms. Tandi Mahambehlala Deputy Minister of Human Settlements
10h45-11h00	Address and Introduction of His Excellency, Mr Matamela Cyril Ramaphosa, President of the Republic of South Africa	Ms. Thembu Simelane Minister of Human Settlements
11h05-11h40	Keynote Address by the President of the Republic of South Africa	H.E President Matamela Cyril Ramaphosa
11h45-11h50	IBT Summit Family Photo: Ministers, Deputy Ministers, MECs, Premier, SALGA and Executive Mayor	H.E President Matamela Cyril Ramaphosa
11h55-12h15	TEA BREAK	ALL

SECTION B: CHALLENGES FACING THE IMPLEMENTATION OF IBTS AND INTERVENING MECHANISMS IN SOUTH AFRICA

Moderator: Dept of Science, Technology and Innovation -

DG: Dr. Mlungisi Cele

12h20-13h10	MODERATED SESSION ON IBT SUPPLY SIDE IMPLEMENTATION CHALLENGES AND INTERVENING MECHANISMS	Typical Barriers Confronting the Adoption and Implementation of IBTs.	Council for Scientific and Industrial Research (CSIR): Dr. C. van Reenen
		Limitations in Ensuring Quality Assurance and	National Home Builders Regulatory Council (NHBRC): Ms. T. Bouwer
		Standards of System and Building Designs.	Agrément South Africa (ASA): Mr. R. Somanje
		Streamlining Pathways to Regulatory Assessments and Approvals.	Department of Science, Technology and Innovation (DSTI): Dr. T. Mosiea
		Regulatory Impediments Constraining Service Delivery and Spatial transformation.	Green Building Council South Africa (GBCSA): Ms. B. Moeng
		Climate Resilient Strategies and Systems That Advance Sustainability of Human Settlements.	
13h10-13h30	DISCUSSION		ALL

SECTION C: BARRIERS ASSOCIATED WITH IBTs AND APPLIED MEASURES AND INTERVENTIONS

Moderator: HDA Deputy Chairperson: Ms Nellie Baai

13h30-14h20	MODERATED SESSION FROM A COMMUNITY ORIENTATED PERSPECTIVES ON IBTs IMPLEMENTATION BARRIERS	End-User Perceptions of Innovative Building Technologies.	Abahlali Basemjondolo Movement SA: Mr. S. Zikode
		Role of IBTs in Promoting Self-Build Housing Projects.	Community Organisation Resource Centre: Mr. C. Ziervogel
		Understanding the Key Drivers Enabling the Effective Implementation of IBTs.	Development Action Group (DAG): Mr. Z. Mgwatyu
		IBTs as Creative Solutions to Deliver Accessible, Affordable and Sustainable Human Settlements.	National Home Builders Regulatory Council (NHBRC): Mr. I. Hartley
		IBT Strategies to Stimulate Community Participation.	South African Local Government Association (SALGA)- Mr. S. Nkhahle
		Mechanisms to Address Knowledge Gap and End-User Perceptions.	
		Identified Policy and Legislation Constraints Impacting the Adoption of IBTs for Human Settlements.	
14h20-14h40	DISCUSSION		ALL
14h40-15h20	LUNCH BREAK		ALL

SECTION D: CUTTING EDGE RESEARCH ON SUSTAINABLE BUILDING TECHNOLOGIES: INSTITUTIONS OF HIGHER LEARNING:

Moderator: IHSP-SA Board Deputy Chairperson: Dr Julieka Bayat

15h20-16h10	MODERATED SESSION ON CUTTING EDGE RESEARCH ON SUSTAINABLE BUILDING TECHNOLOGIES FROM AN ACADEMIC PERSPECTIVE	Breakthrough Research in Sustainable and Climate-Resilient Building Materials for Human Settlements i.e. Drones, 3D Printing.	University of Johannesburg: Prof. J. Mahachi
		Applied Models and Innovations in Building Technologies and Systems.	Nelson Mandela University: Prof. S. Mbanga
		Cost Effective and Sustainable Building Materials and Technologies Across the Human Settlements Value Chain.	Stellenbosch University: Prof. B. Wessels
		Feasible and Scientific Interventions to Address Implementation Barriers.	University of Cape Town: Prof. A. Windapo
		Identified Measures to Enhance Greater Participation and Long-Term Viability of Systems and Products.	University of Kwazulu-Natal: Dr. J. Ojo-Aromokudu
		Construction Technologies and Innovations that Prioritise Sustainability and Efficiency.	University of Pretoria: Prof. C. Combrinck
16h10-16h30	DISCUSSION		ALL

SECTION: E: EMPOWERMENT INITIATIVES TO SUPPORT SMALL, YOUTH AND WOMEN EMPOWERED ENTERPRISES

Moderator: Agrément SA- Board Chairperson: Dr Lindelani Matshidze

16h30-17h20	MODERATED SESSION ON EMPOWERMENT INITIATIVES TO SUPPORT SMALL ENTERPRISES IN THE CONSTRUCTION SPACE	Enabling Contractor Participation and Competitiveness to Drive Service Delivery and Job Creation.	Construction Industry Development Board (CIDB): Ms. N. Nyaga
		Initiatives to Support Emerging Contractors to Tender for Complex Construction Projects. Interventions to Support Youth and Women Owned Construction Start-Ups.	National Empowerment Fund (NEF): Mr. M Dayimani
		Intentional Frameworks to Address Structural Inequalities in the Residential Property Market.	National Youth Development Agency (NYDA): Dr. S. Myende
		Empowerment Opportunities Aimed at Accelerating the Participation of Women.	Property Sector Charter Council (PSCC): Ms. P. Tau-Sekati
		Funding Opportunities to Support Suppliers and Manufacturers to Facilitate Implementation of IBTs.	Small Enterprise Development Finance Agency (SEDFA): Mr. A. Dirks
		Transformative Initiatives to Empower Enterprises owned by Entrepreneurs with Disabilities.	DHS Ministerial Advisory Panel (MAP): Ms. R. Letwaba
17h20-17h40	DISCUSSION		ALL

SECTION F: LOCAL AND INTERNATIONAL INSIGHTS: LEVERAGING IBTs FOR DISASTER RELIEF AND ASSOCIATED BENEFITS.

Facilitator: Ministerial Advisory Panel Member (MAP) -
Dr Michael Sutcliffe

17h40-18h40	<p>(Presentation based) <i>10 min per presenter</i></p> <p>(Demonstration based) <i>3 min per presenter</i></p>	<p>Global Experiences in leveraging Innovative Building Technologies (IBTs) Across the Housing and Human Settlements Value Chain to accelerate delivery, improve resilience, and enhance sustainability outcomes.</p> <p>Unlocking the Human Settlements Value Chain to Upscale IBTs through coordinated policy alignment, market development, and capacity building.</p> <p>How Can South Africa Industrialize the Housing Value Chain by Scaling the Use of IBT enabling faster delivery, cost efficiency, quality assurance, and localization of manufacturing capacity.</p>	<p>GLOBAL PERSPECTIVE: Lessons to Mainstreaming Innovative Building Technologies & Creating Partnerships for Technology Transfer and Capacity Building:</p> <p>Ministry of Housing Urban Rural Development (MoURD) Mr. Li Xiaolong</p> <p>Ministry of Lands, Public Works, Housing and Urban Development Mr. Charles Hinga</p> <p>LOCAL INDUSTRY INTERVENTIONS:</p> <p>Moladi Building Systems Mr. H Botes</p> <p>Modular Innovative Building Technologies Mr. P. Chetty</p> <p>FastBuilt: Contractors Journey Ms. S. Nong</p>
18h40-19h00	DISCUSSION		ALL
19h00-19h15	FIRST DAY WRAP-UP AND SPECIAL ANNOUNCEMENTS		Programme Director