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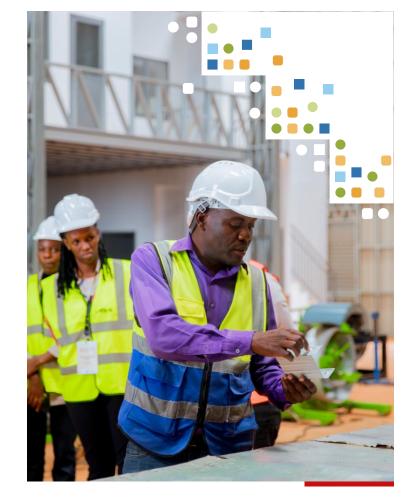


Housekeeping Notes

- Please turn off your microphone and camera unless you speak!
- Professional Closed Captioning (CC) in French and Spanish is available through the links in the chat
- We use slido for polls, Q&A, and event evaluation. You can join through the link in the chat or at Slido.com #Peer_Learning_1 or via the QR code



- In case of any technical issues please reach out to: urban-innovation.giz@mediacompany.com
- The meeting is being recorded.



Agenda

- Short Welcome
- 2. Opening
- 3. Icebreaker
- 4. Panel Discussion: Fostering sustainable construction in informal areas
- 5. Q+A
- 6. Closing



Opening



Carmen Vogt Head of Global Section Cities, GIZ

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Ice Breaker

Please go to Slido

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- via the QR code







Panel Discussion



Sheela Patel Founder and Director, SPARC



Alexandre Apsan Frediani Principal Researcher, Human Settlements Group, IIED

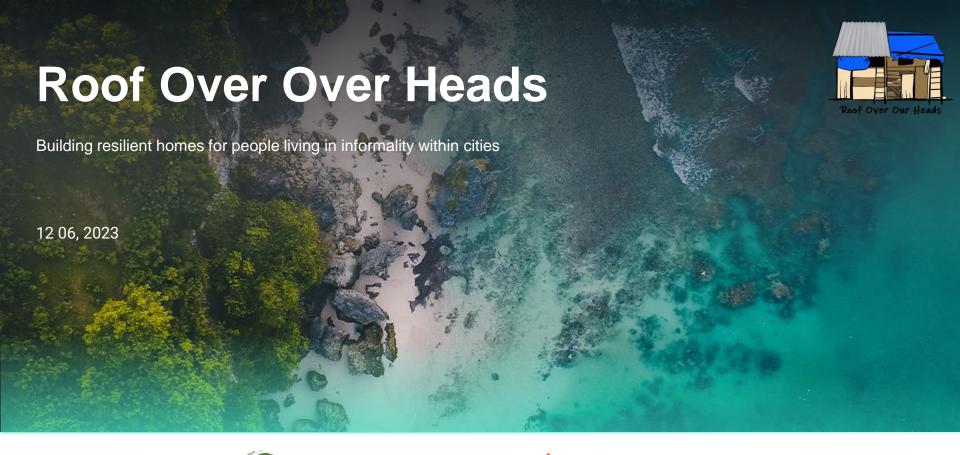


Arne Georg Janssen Urban Environment Lead, Cities Alliance (UNOPS)

Panel Discussion



Sheela Patel Founder and Director, **SPARC**















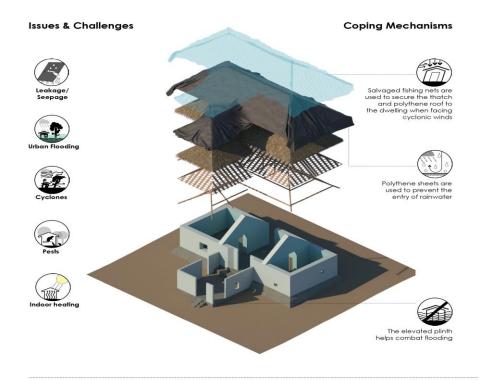


ROOH Timeline



Household & Materials

Documentation of Paradeep, Orissa



Timeline

Attributes of materials

	8	S	[\$]	U	U	U	[8]	U
	Material	Thermal Conductivity	Shelf-life	Durability	Maintainence	Procurement	Cost	Execution
	Timber beam				Infrequent	New		Skilled Labou
ROOF	Timber Plank				Infrequent	New	(17)	Skilled Labou
	Bamboo			■□□	Frequent	New	Rs. 200- 300/Pole	Skilled Labou
	Thatch	- 0000			Frequent	New	Rs. 6-7/ Bundle	Skilled Labou
	Polythene				Frequent	New	-	Self-Built
	Tarpauline				Frequent	New	(,6)	Self-Built
	Plaster				Infrequent	New	Rs. 300- 360/Bag	Skilled Labou
WALL	Mud	- 0000			Frequent	New	Rs. 800/ m ³	Self-Built
	PCC				Infrequent	New	Rs. 300- 360/Bag	Skilled Labou
STRUCTURE	Brick				-	New	Rs. 6-7/ Piece	Skilled Labou
	Timber section				Infrequent	Salvaged	18	Skilled Labou
	Bamboo				Frequent	Second- Hand	Rs. 200- 300/Pole	Self-built
FLOOR	Mud	- 0000			Frequent	New	Rs. 800/	Self-Built
	PCC flooring (Thin)		-000		Frequent	New	Rs. 300- 360/Bag	Skilled Labou







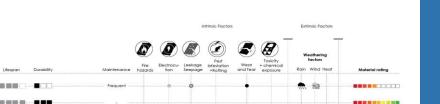


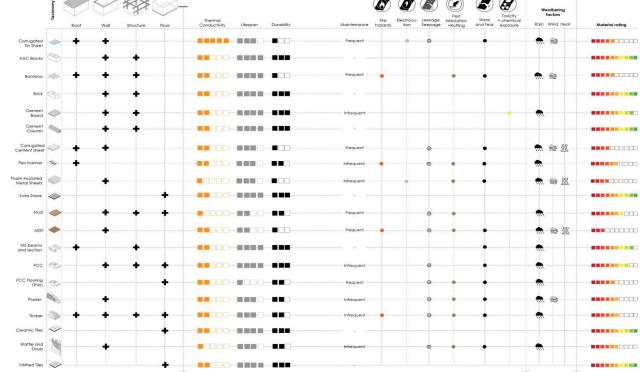
Increments over time					
Year	2000	2005	2020	2023	
Tenure Arrangement	Self-Owned	Self-Owned	Self-Owned	Self-Owned	
Construction	-	Self-Built+Skilled labour	Self-Built+Skilled labour	Self-Built+Skilled labour	
Need	Family migrated to Keutapada	Additional space required	Damage to the cement plinth		
Response	Single room dwelling pur- chased	Semi-open verandah con- structed using locally pro- cured bamboo and mud	Repairs to the cement plinth and dwelling walls	Present status of the dwelling	
Cost	Rs. 3500	Rs. 30,000	NA		
Financing Mechanism	Self-Financed	Self-Financed	Self-Financed		

Analysis of the impact of Climate Change on Materials

Dwelling materials in the Warm-Humid Microclimate

Analysing compositions and impacts





The table above lists all the materials that are being used to construct the 24 dwellings documented across Mumbai, Bhubaneshwar, Cuttack and Paradeep in the warm-humid microclimatic zone and are mapped according to the taxonomy in which their use is prevalent.











Floor/Plinth

Contextual challenges: Warm-humid











More than 20+ types of

parameters

materials are used in 1 house.

Comparision over more then 10









Way Forward

- Preparing a Dashboard as one stop solution for connecting market with communities.
- Develop 100 Labs staggered over 2-3 years in 30+ Countries across Asia, Africa, and Latin America.
- Conduct Training for Trainers (ToTs)
- We are planning to conduct Roundtables in different cities. (Asia and Africa are in pipeline)
- Fund raising for next phases.
- Globally, we are looking to collaborate with partners and develop the methodology of the campaign further.



Our Partners



























Panel Discussion

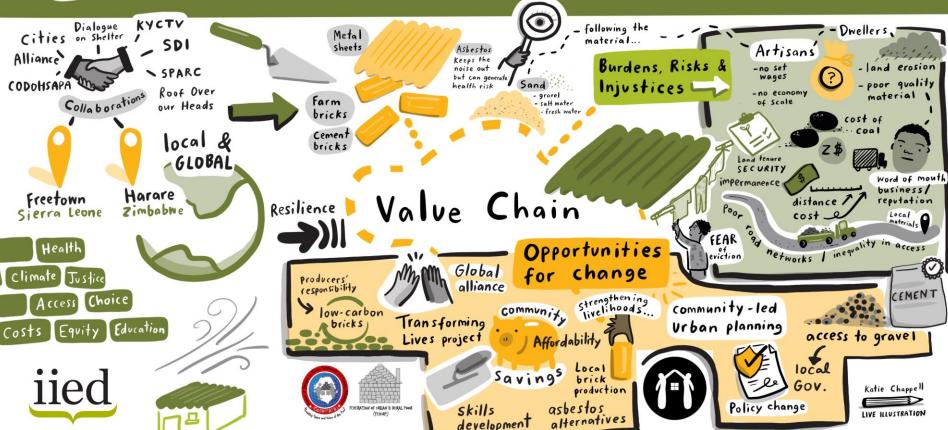


Alexandre Apsan Frediani Principal Researcher, Human Settlements Group, **IIED**



Building materials for housing in informal settlements

tue 30th Jan Workshop



The Governance of Building Materials' Value Chain:

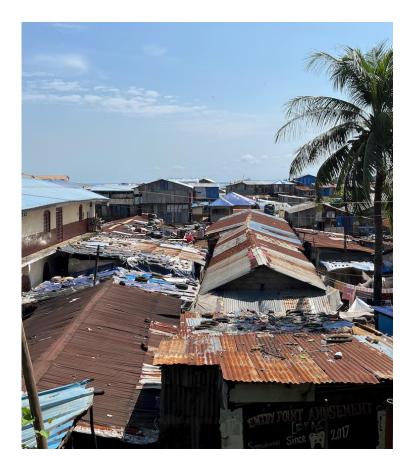
Lessons from Informal Settlements in Freetown and Harare



1) Recognize and secure livelihoods

The Governance of Building Materials' Value Chain:

Lessons from Informal Settlements in Freetown and Harare



2) Access to tenure security and infrastructure networks

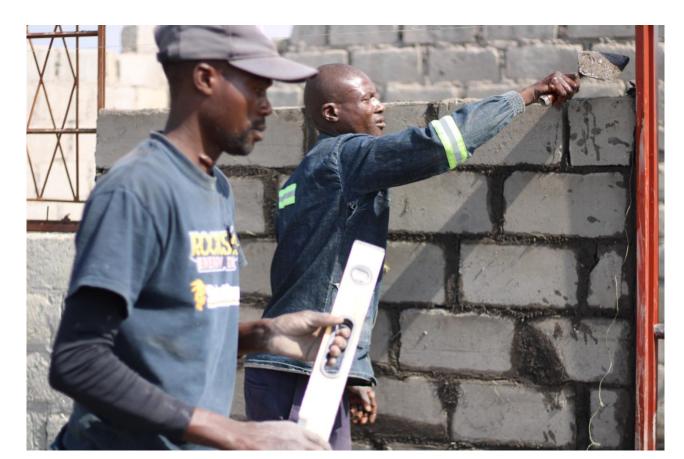
The Governance of Building Materials' Value Chain: Lessons from Informal Settlements in Freetown and Harare



4) Governance solutions over technology receipts

The Governance of Building Materials' Value Chain:

Lessons from Informal Settlements in Freetown and Harare



3) Fairer distribution of climate burdens and responsibilities

Panel Discussion

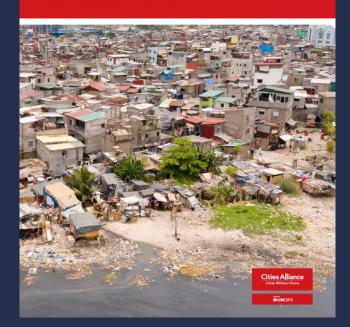


Arne Georg Janssen Urban Environment Lead, Cities Alliance (UNOPS)

POSITION PAPER

CAN THE URBAN POOR AFFORD SUSTAINABLE CONSTRUCTION?

A JUST TRANSITION IN THE BUILT ENVIRONMENT
OF INFORMAL SETTLEMENTS











Arne Georg Janssen Urban Environment Lead



Thank you for your participation

Looking forward to see you for our next session in June on: Pro-Poor Nature Based Solutions Stay tuned for updates on our series in your inbox.

For any questions or ideas regarding our Peer Learning, please contact:

Clemens Heukrodt (clemens.heukrodt@giz.de) and Johanna Pohl (johanna.pohl@giz.de)



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