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program

Introduction

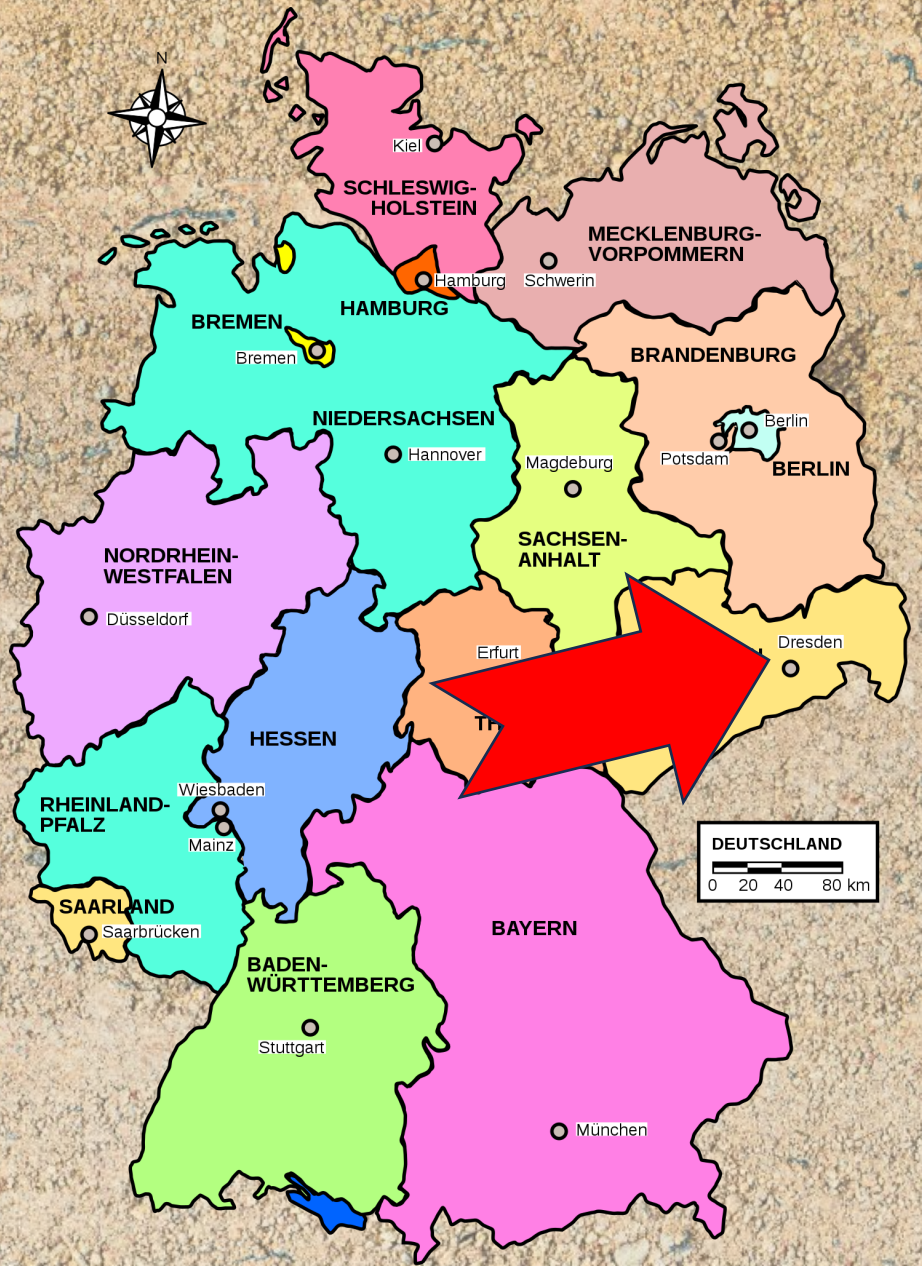
Why building with earth in Ghana ?

Innovation through the wisdom of our ancestors

What is ISOPTERRA

Examples – sustainable architecture in Africa

Introduction



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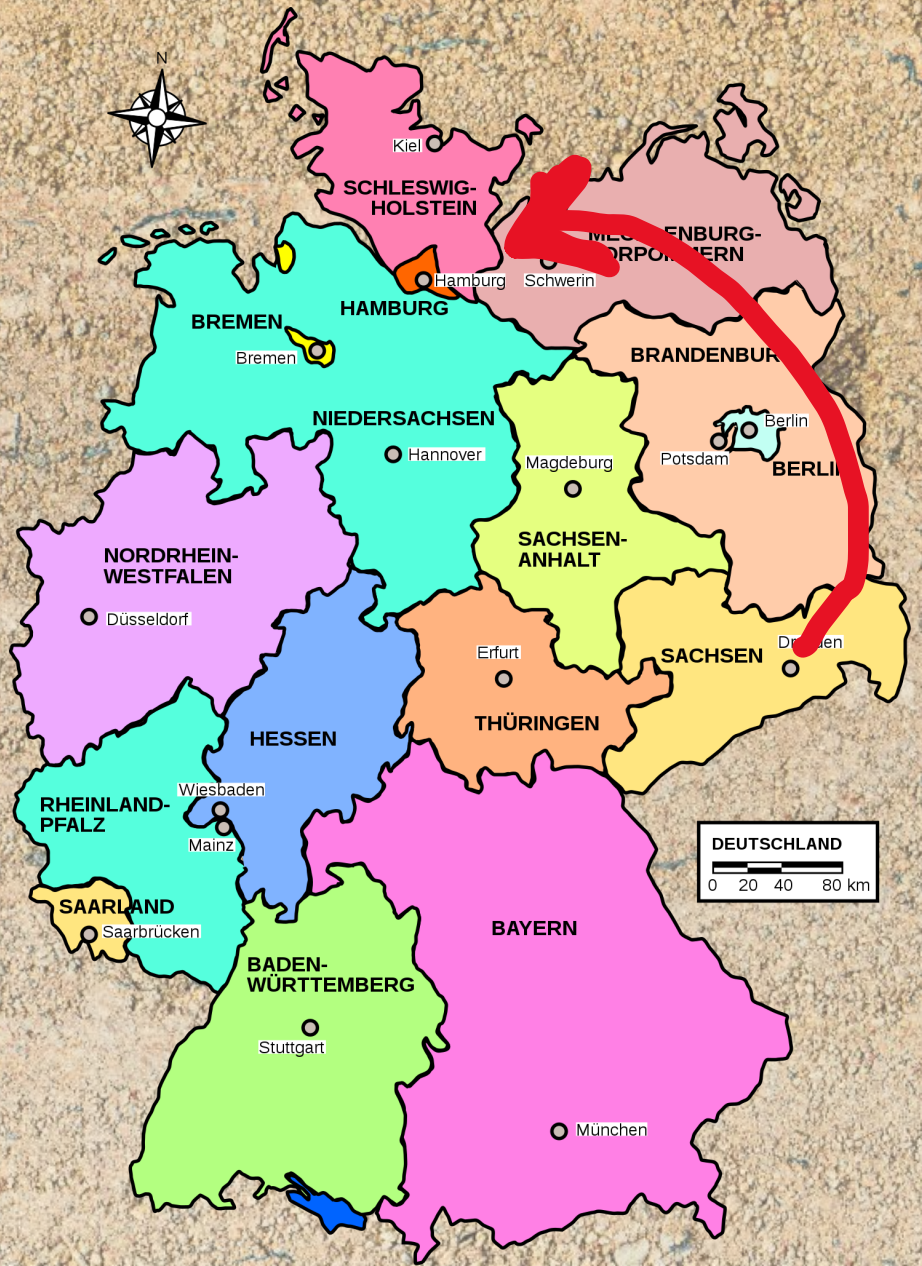

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Innovation through the wisdom of our ancestors

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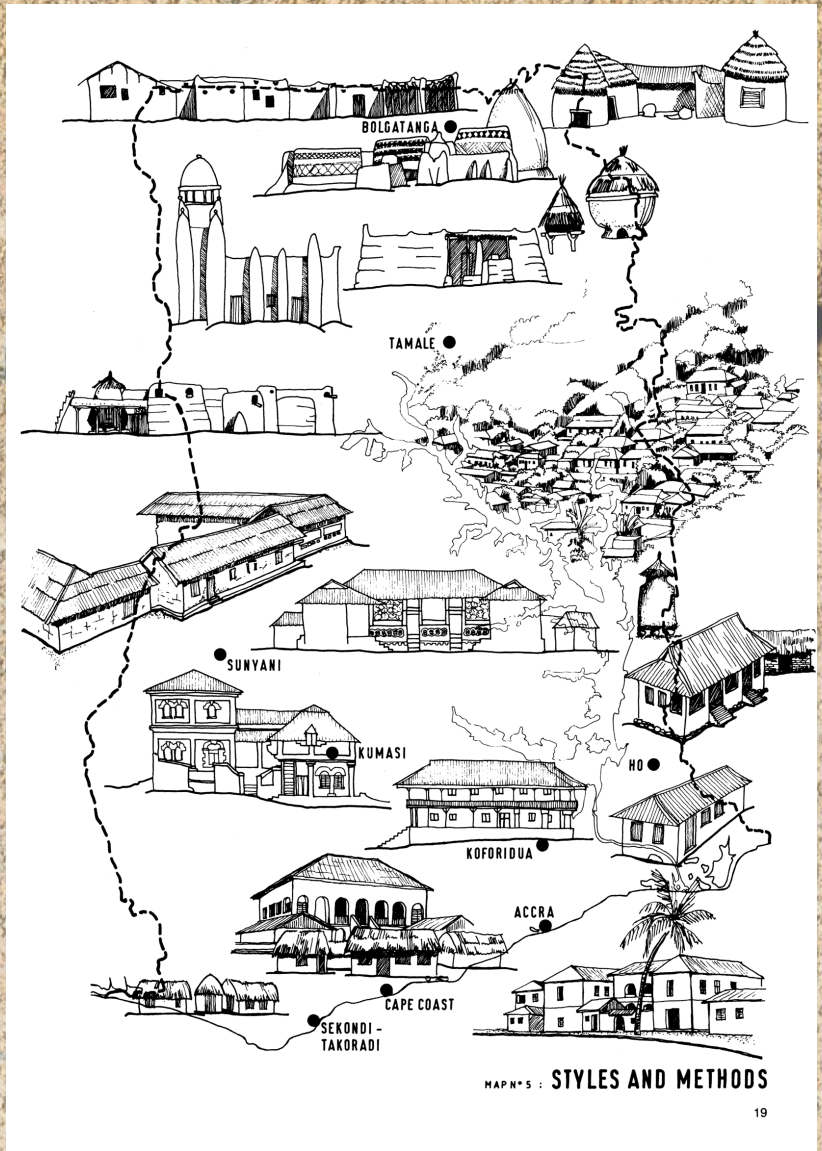

Hannah Schreckenbach

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Innovation through the wisdom of our ancestors

Ashanti fetish houses, Ghana

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Larabanga Mosque, Ghana

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Bolgatanga, Ghana

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Building Materials in Urban Areas
86 % Cementblocks

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Ghana is among the top 15 countries in the world that import limestone for cement production

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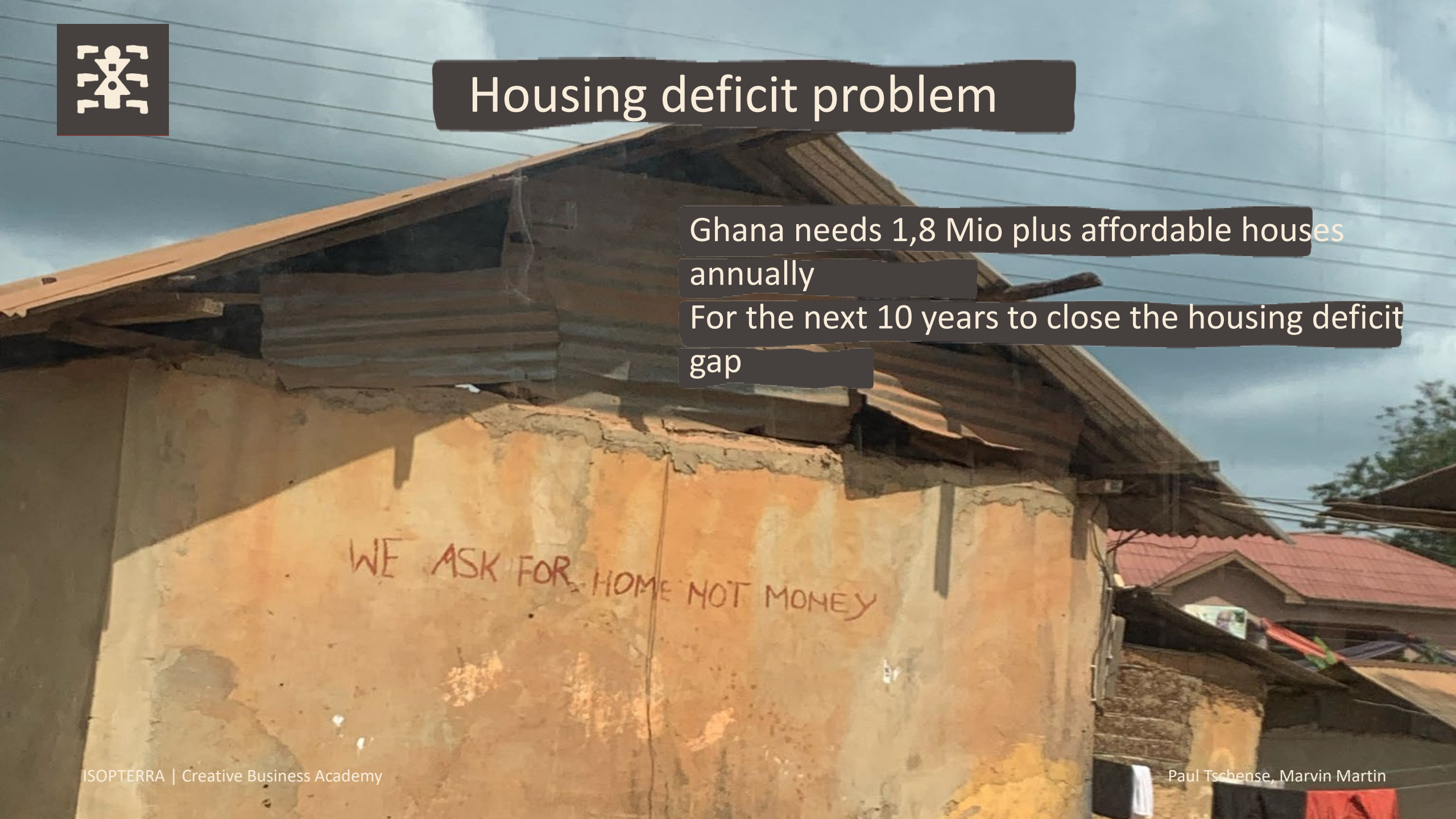
Housing deficit problem

Ghana needs 1,8 Mio plus affordable houses annually

For the next 10 years to close the housing deficit gap



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What is ISOPTERRA ?

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NGO for Educational center, earth construction: ISOPTERRA earth center

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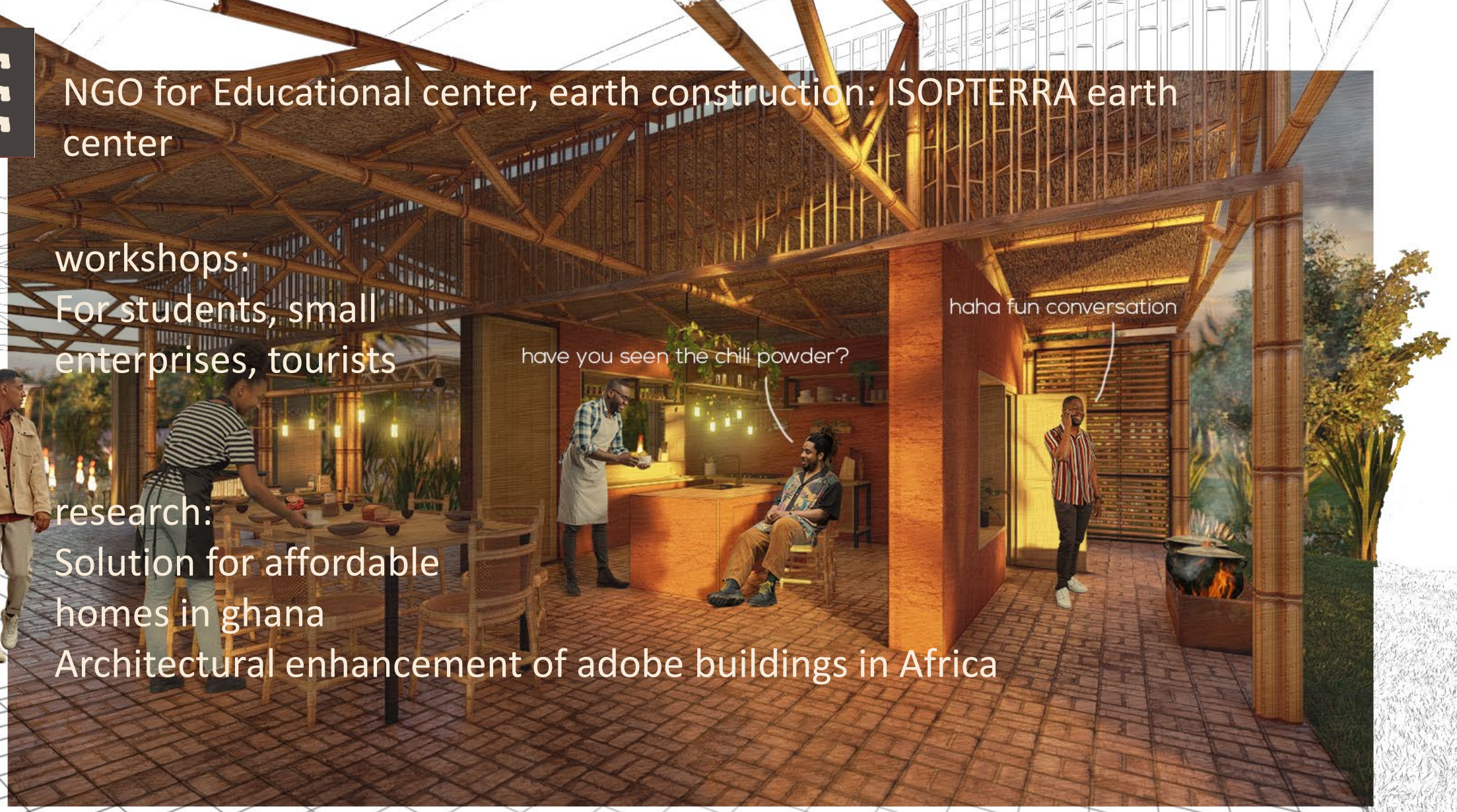

workshops:
For students, small enterprises, tourists

research:
Solution for affordable homes in ghana
Architectural enhancement of adobe buildings in Africa

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“zero km house”

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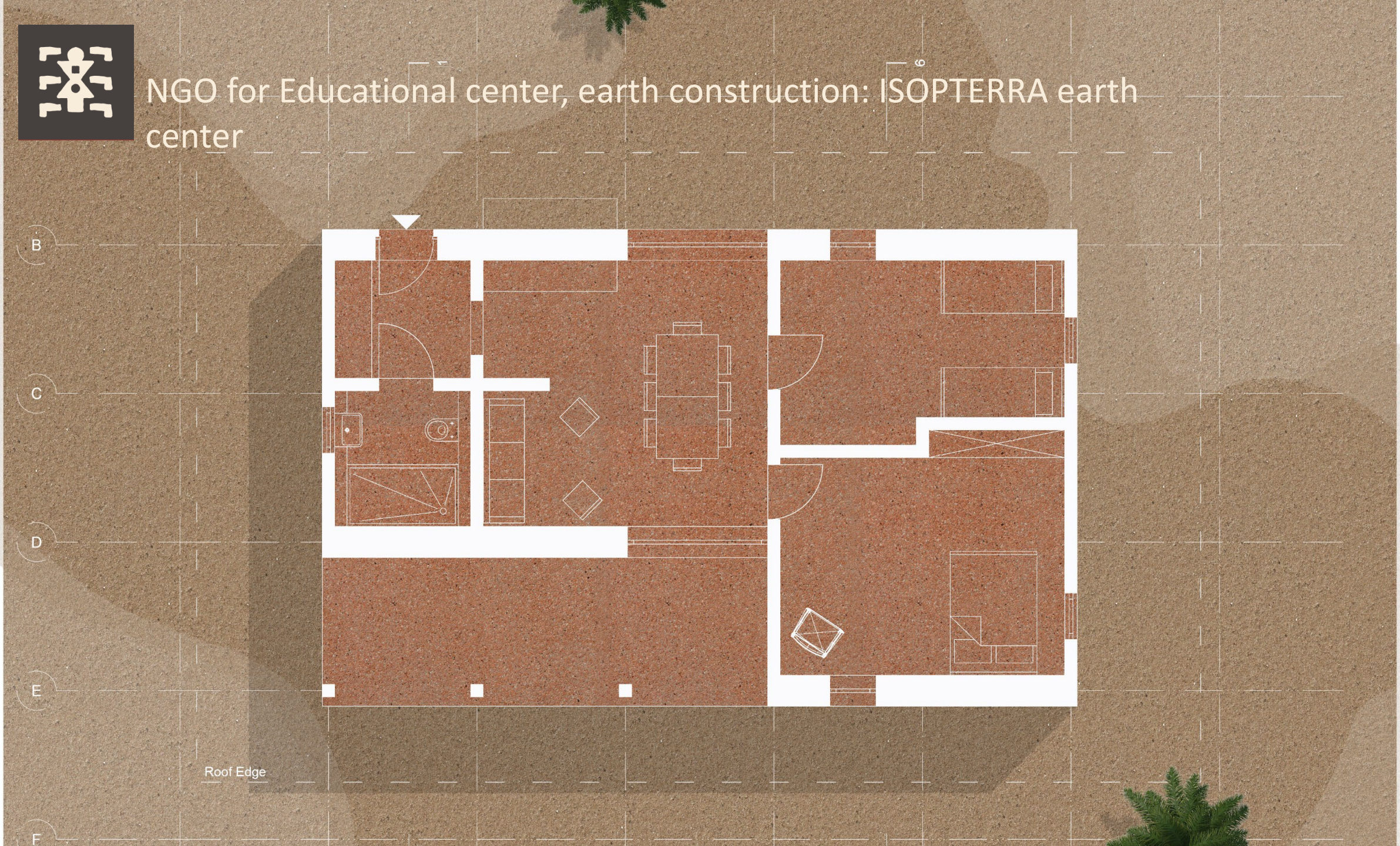

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Rammed earth

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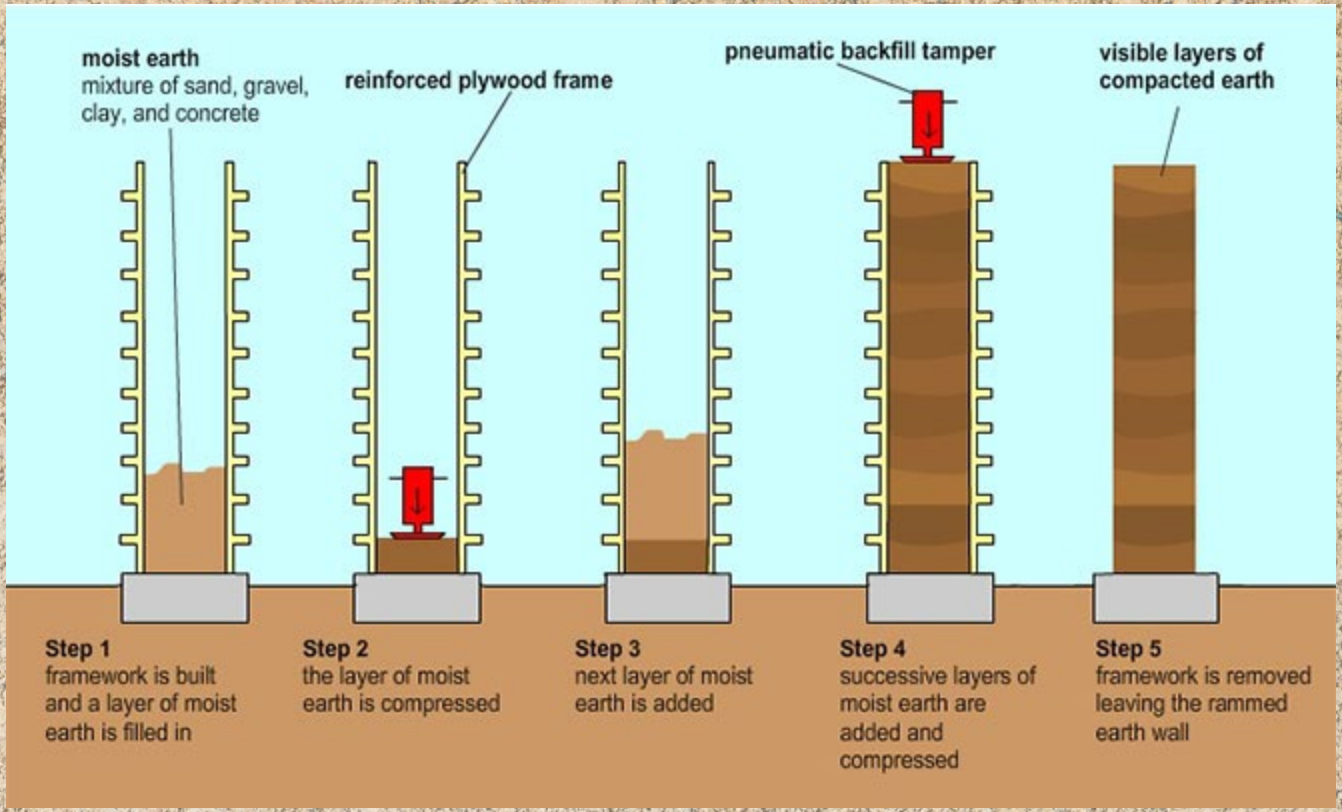
Rammed earth



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Rammed earth

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Rammed earth

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Examples – sustainable architecture in Africa

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Examples – sustainable architecture in Africa

Hive Earth, dot.ateliers, Accra Osu Ghana

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Examples – sustainable architecture in Africa

Anna Heringer, Tatale Ghana

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ARCHITEKTUR & MANAGEMENT GMBH

Hamburg Kreativ Gesellschaft

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