



Nigeria  
Tunnelling  
Association

Promoting the use of our underground space

↑ Oshodi Metro Line  
→ IKoyi Metro Line

# THE TUNNELLING & UNDERGROUND SPACE INITIATIVE

A Lasting Legacy

# Vision, Goals & Objectives, Partnership



## VISION

- ❖ Connecting Nigeria through extensive exploration of underground space-use



## GOAL

- ❖ To by 2027 ensure the development of domestic capacity to deliver a sustainable programme of \$50 - 100 million and host the World Tunnelling Congress.



## OBJECTIVE

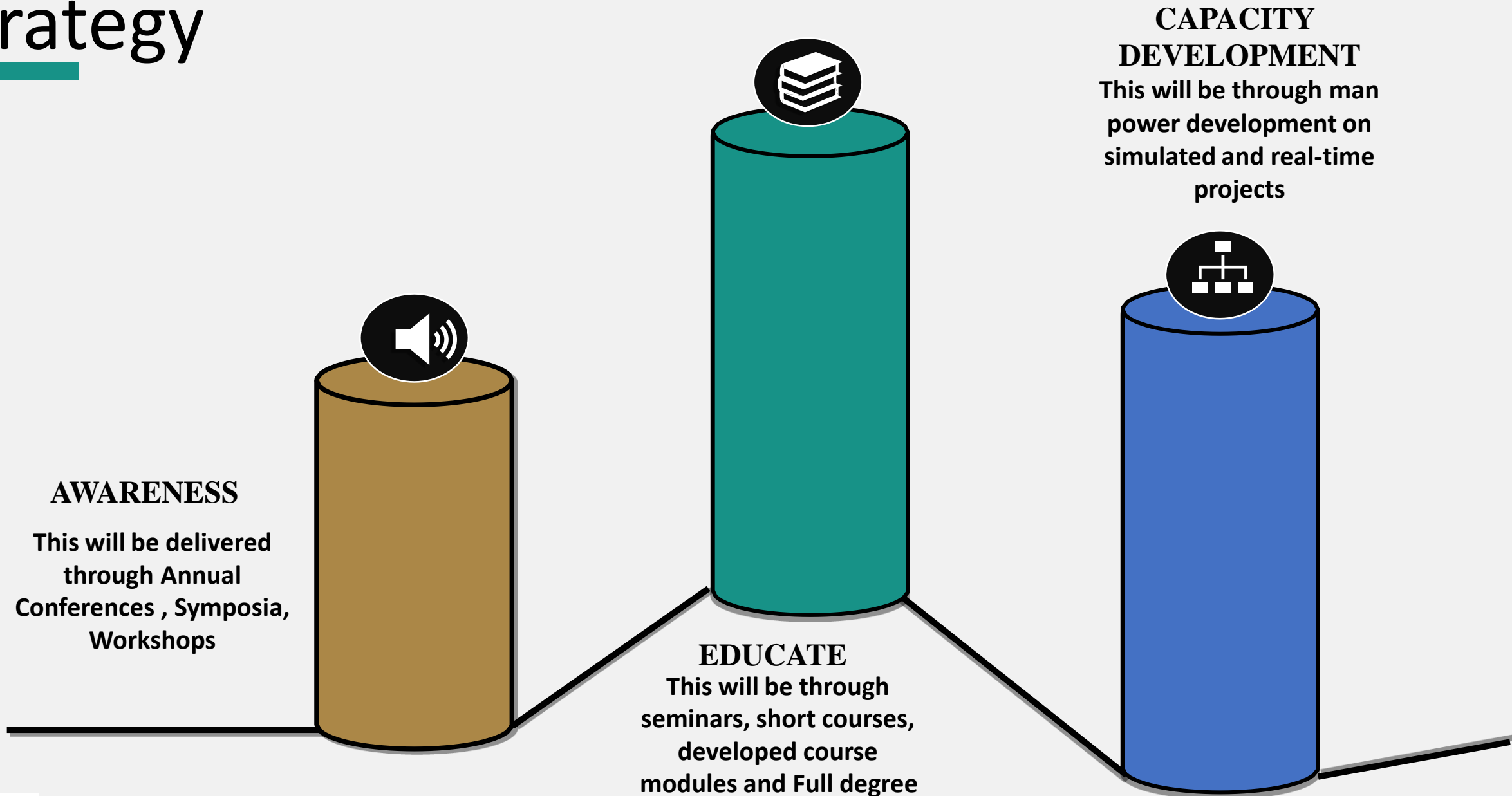
- ❖ Stimulate the creation of a thriving Tunnelling and Underground Space market in Nigeria.



## PARTNERSHIP

- ❖ International & Domestic Organisations (ITA, ISOCARP ,NIA, NSE etc.)
- ❖ Federal & State Ministries , Departments & Agencies.
- ❖ The Academia
- ❖ The Private Sector
- ❖ International & Domestic Players

# Strategy



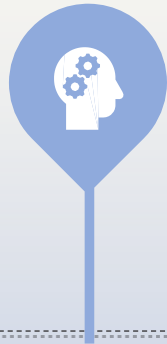


# Delivery Timeline

## PRE-PREP

- ❖ Government and Private Sector engagement ,awareness creation to develop and showcase potential applicable solutions.
- ❖ Tertiary Institutions engagement both Private and Public on Introduction to Tunnelling Courses.
- ❖ Initiate Private sector Partnership to develop a Tunnelling and Underground Space Academy.

2018 -2020



## SET - UP

- ❖ Engage Government in the development of policy framework for the Industry as the Industry expands and the prospects for more complex projects are proposed and executed .
- ❖ Institutionalizing the skill sets required to service the industry (Designed to meet international standard)

2025 -2027



## OPERATIONAL

- ❖ Enactment of bills that resolves anticipated challenges related to adopting the concept of underground space use.
- ❖ Establishment of a full programme through an affiliate International Institution

2025 -2027

2021 -2025

## CONCEPT / INITIATION

- ❖ Exchange Programme/ International Placements.
- ❖ Engage Government on all levels in the development of policy framework for the Industry as the Industry expands and the prospects for more complex projects are proposed and executed.



2021 -2024

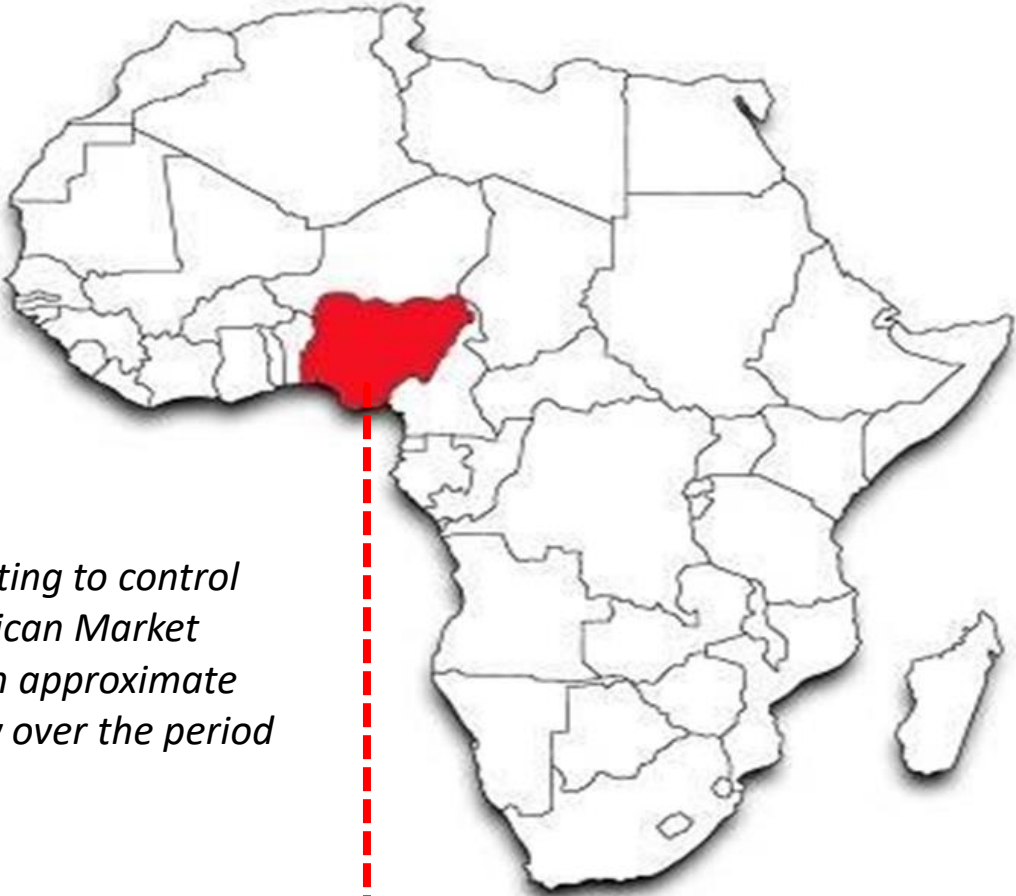
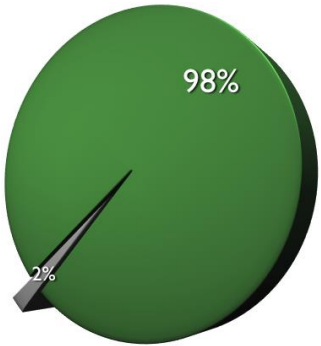
## DELIVERY

- ❖ Initiation and Development of Research programs that will support the implementation of Policy , Governance and Financial framework/ Model approach requirements peculiar to the Tunnelling Industry in Nigeria.



# African Market Share

**AFRICA** currently estimated to have 2% of the Global Market share worth (\$15.4B) over the years 2017 – 2022 (This is assuming the current rate of International project execution is sustained.)



**NIGERIA** is estimating to control 20% of the African Market share worth an approximate \$3.08B initially over the period 2020-2025



# Executive Summary

*“Nigeria is one of the fastest urbanising countries in the world. Nigeria with a population currently of 190 Million people, is estimated to more than double by 2050 thereby making it the 3<sup>rd</sup> most populous country in the world behind only India and China. The potential impact of this on the existing fabric of our urban spaces is unimaginable. In a bid to rescue our cities from a potential catastrophic collapse, we now need to think beyond the current lateral scope of infrastructural development. It is imperative that we now explore extensively the potentials of Tunnelling and Underground space use. Finally, the world is moving and so must we. This is a call to **ACTION**” – **Abidemi Agwor** (President – Tunnelling Association Nigeria)*

**We are  
Building capacities**



**We are  
Championing**



**We are  
Collaborating**





Promoting the use of our underground space

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