

WHITEPAPER



NGT

NextGen Token

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1 INTRODUCTION

Early childhood education is the foundation upon which **cognitive, emotional, and social development** is built. Numerous studies show that **the first five years of life are critical** for learning, **habit formation**, and the acquisition of **essential life skills**.

Investing in preschool education not only promotes future academic performance, but also **reduces school dropout rates, improves gender equality** and helps **break intergenerational cycles of poverty**.

Early childhood education represents one of the most effective investments with the greatest long-term social impact. Numerous studies by international organisations such as **UNESCO, UNICEF** and the **World Bank** show that early childhood education not only improves children's school performance and cognitive health, but also **reduces social inequalities and boosts the economic development of communities**.

In vulnerable regions, where children lack access to early stimulation, adequate nutrition and safe educational environments, **preschool education becomes a transformative factor**. It is the first place where young children learn to communicate, cooperate and develop empathy, fundamental skills for the future human and social capital of every nation.

The tokenisation project seeks to channel resources in a **transparent, decentralised and verifiable** manner to preschool education programmes in disadvantaged areas. Through the **issuance of the NextGen token**, the funds raised are allocated to:

- The construction and equipping of sustainable preschool centres.
- Training and certification of local teachers.
- Nutrition, health and family support programmes.
- Access to teaching materials and educational technology.

Each contribution through tokens represents a **direct investment in human capital** and in strengthening resilient communities.

The blockchain structure guarantees **traceability, open auditing** and **fair distribution** of resources, aligning with the UN Sustainable Development Goals,

especially **SDG 4: Quality Education**.

In short, this initiative combines **technological innovation and social purpose**, using decentralised finance as a vehicle to drive **real and measurable change in the lives of the most disadvantaged children and families**. Investing in preschool education is **investing in our collective future**.

2 CONTEXT AND NEED

Access to quality preschool education is one of the most powerful determinants of social and economic development. **Lack of early childhood education perpetuates poverty, gender inequality and cultural exclusion**.

In the Ghanzi District, more than 60% of children do not attend a formal preschool. Many centres lack adequate infrastructure, educational materials and qualified staff.

The **NextGen** project seeks to reverse this situation with a scalable, sustainable and measurable approach, using decentralised funding as a driver for change.

3 SOCIAL RELEVANCE

Training responsible citizens

Beyond the academic dimension, preschool plays a socialising role. It is the first place where children learn to live together, respect rules, share, cooperate and recognise diversity. These experiences lay the foundations for responsible, supportive and participatory citizenship.

Promotion of gender equality and inclusion

Preschools can have a decisive influence on the elimination of gender stereotypes, the inclusion of children with special needs with and without disabilities, promoting full inclusion and equal opportunities, and the appreciation of cultural and linguistic diversity.

Impact on families and the economy

Preschool education also strengthens families by offering guidance on parenting guidelines and enabling mothers to enter the workforce, which has a positive impact on household finances and overall productivity.

Studies by the World Bank and the OECD estimate that every dollar invested in preschool education generates a social return of between 7 and 10 dollars, due to improvements in employability, health and social cohesion.

4.- OBJECTIVES

International Preschool Education Project in Disadvantaged Regions

To finance, through the issuance of tokens, a scalable comprehensive preschool education project that includes educational infrastructure, teacher training, nutrition, hygiene and drinking water supply (AWG, wells and water purifiers) in disadvantaged regions internationally.

5 NGT TOKEN: PROJECT FINANCING

Through the sale of NextGen (NGT) TOKENS, this highly beneficial project can be launched and implemented. We are also aware that those who invest in the Token will know that the objectives will be met with great precision, as a feasibility study has been carried out that truly guarantees its success.

The aim is to create a **NextGen Community** around this project, which will expand to other countries.

It should be noted that the **NGT token** itself will have its own trajectory, boosted by the philanthropic activity on which it is based.

A group of experts will technically ensure that the **NGT token** has the appropriate consensus, operational guarantees and technological security.

An ecosystem will also be created that will allow the exchange of **NextGen TOKENS (NGT)** within the Platform's services and cultural environments, which are also planned to be created, and events and promotions for their owners, who will obviously have preferences and advanced and special functions. This treatment will also increase depending on the progress in the sale of NEXTGEN TOKENS (NGT).

6 IMPLEMENTATION – PHASES

Phase 1 – Pilot (Year 1-2)

Implementation in five villages in Ghanzi, with the construction and equipping of preschools, local teacher training, and social impact assessment.

Phase 2 – District Expansion (Year 3-5)

Extension of the model to the entire Ghanzi District, including digitisation of educational processes and blockchain monitoring of fund allocation.

Phase 3 – International Scaling (Year 6 onwards)

Replication of the model in other disadvantaged regions, integrating international

cooperation and global academic partnerships.

7 CONTROL OF THE NGT TOKEN

The NGT Token is based on the **ERC-20** standard of the **ETHEREUM BLOCKCHAIN** network.

ERC-20 tokens are digital assets that are created using the ERC-20 standard. These tokens are built and operated on the Ethereum blockchain, allowing them to benefit from Ethereum's vast and thriving **decentralised finance (DeFi) ecosystem**.

These tokens can represent numerous assets, from cryptocurrencies to utility tokens or even digital representations of **real-world assets** such as gold, business projects or real estate.

It should be noted that all ERC-20 tokens have common functionalities and interfaces. This makes them easily interoperable with other ERC-20-compatible contracts and wallets.

Furthermore, **these tokens are fungible**, meaning that each token is interchangeable and has the same value. This contrasts with non-fungible tokens (NFTs), which include the ERC-721 and ERC-1155 standards and have unique characteristics and variable values.

The ERC-20 standard offers several advantages, which have contributed to its widespread adoption within the Ethereum ecosystem. Here are the top 5 advantages:

1. **Standardisation:** ERC-20 is a widely accepted token standard in the blockchain ecosystem. It simplifies development and integration processes for token creators and users.
2. **Compatibility:** ERC-20 tokens can be easily stored and transferred on any Ethereum wallet or platform that supports the Ethereum blockchain. This **broad compatibility** allows for seamless integration with various decentralised applications (DApps), exchanges, and other blockchain solutions.
3. **Interchangeability:** ERC-20 tokens are interchangeable, meaning they have a

unified format that allows for **easy exchange and liquidity**. This standardisation makes it simpler for users to exchange tokens on decentralised exchanges or trading platforms without worrying about compatibility issues or additional technical requirements.

4. **Community support:** ERC-20 has a strong community of developers, users, and token enthusiasts. This **active community** provides a wealth of resources, documentation, and support to token creators and users.
5. **Smart contract functionality:** As ERC-20 tokens are built on the Ethereum blockchain, they inherit all the advanced features and capabilities of Ethereum's smart contract technology. This allows token creators to add programmable functionality to their tokens, such as automated transactions, complex tokenomics, and integration with other smart contracts.

8. NGT TOKEN LAUNCH

General information (**TOKENOMICS**):

- | | |
|--------------------------------|-------------------------|
| 1. NUMBER OF TOKENS: | 4,000,000,000 NGT. |
| 2. VALUE: | 1 NGT = 0.02 USD |
| 3. TOTAL INITIAL VALUATION: | 80,000,000 USD |
| 4. MINIMUM NUMBER OF TOKENS: | 500 NGT. (10 USD) |
| 5. External Services: | 10% (400,000,000 NGT) |
| 6. Issuer and market placement | 70% (2,800,000,000 NGT) |
| 7. PRE-LAUNCH: | 20% (800,000,000 NGT) |
| 30% discount | 0.014 USD/NGT |

Distribution

Recipient	Percentage	Description
Foundation and educational projects	50	Direct funding for infrastructure, salaries and materials.
Public pre-sale	20	Sale open to social investors and the crypto community.
Team and development	10	Compensation for technical and operational team.
Liquidity (DEX/CEX)	10	Creation of liquidity pools and token stability.
Staking and rewards	5	Incentives for long-term holders.

Recipient	Percentage	Description
Strategic reserve	5	International expansion and contingencies.

Vesting

- Team and foundation: linear release over 24 months.
- Early investors: initial lock-up period of 6 months.
- Staking rewards: proportional monthly release.

Token utility

- Participate in voting on projects and priorities.
- Access audited social impact reports.
- Receive rewards for staking or active participation.
- Trade on associated DeFi platforms.

General information (**TOKENOMICS**):



TOKEN symbol: "**NGT**" Protocol: ERC-20

Blockchain check: POLYGON: www.etherscan.io

8. INVESTMENTS AND TRANSPARENCY

Detailed Economic Study: NextGen Project

8.1 METHODOLOGY AND BASIS OF ANALYSIS

Costing Criteria

- **Base Currency:** US Dollars (USD)
- **Time Horizon:** 11 years (3 phased stages)
- **Purchasing Power Parity:** Adjusted to international contexts
- **Contingency Margin:** 10-15% depending on phase
- **Reference Sources:** World Bank, UNESCO, OECD, actual costs of similar projects

Adjustment Factors by Phase

- **Phase 1 (Pilot):** High costs due to learning and establishment
- **Phase 2 (District):** Initial economies of scale
- **Phase 3 (International):** Adaptation costs, but operational efficiencies

8.2 DETAILED ANALYSIS BY COMPONENT

INFRASTRUCTURE AND EQUIPMENT COSTS

Per educational centre - Values in USD

Component	Technical Specifications	Unit Cost	Depreciation
Civil Construction	120m ² , 3 classrooms, adapted bathrooms, kitchen, office	\$85,000 - \$130,000	20 years
Basic educational equipment	Educational furniture, teaching materials, library	£15,000 - £20,000	5-7
Inclusive Equipment	Multisensory room, ramps, adapted bathrooms, specialised materials	£12,000 - £18,000	5 years
Water and sanitation systems	Wells, filters, AWG system, storage tanks	\$25,000 - \$35,000	10 years
Productive School Garden	Greenhouse, irrigation system, tools, seeds	\$3,000 - \$5,000	3 years
Technological equipment	Educational tablets, projector, satellite internet	\$8,000 - \$12,000	3-4 years
TOTAL PER CENTRE		£148,000 - £220,000	

HUMAN RESOURCES STRUCTURE

Annual Costs

Position	Number	Annual Salary	Benefits (30%)	Annual Total
Tenured Teacher	3	£12,000	£3,600	\$46,800
Teaching Assistant	3	\$7,000	£2,100	£27,300
Specialised Educator	1	£15,000	£4,500	\$19,500
Pedagogical Coordinator	1	£18,000	£5,400	£23,400
Nutritionist (part-time)	1	£10,000	£3,000	£13,000
School Nurse	1	£12,000	£3,600	\$15,600
Administrative Staff	1	\$9,000	\$2,700	\$11,700
Services Staff	2	\$5,000	£1,500	£13,000
TOTAL PER CENTRE/ANNUAL				£170,300

OPERATING AND PROGRAMME COSTS

Annual per Centre - USD

Item	Details	Annual Cost
School Meals	50 children × 200 days × \$1.5/day	£15,000
Educational Materials	Books, stationery, teaching resources	£6,000
Basic Services	Water, electricity, internet, communications	£4,500
Maintenance	Infrastructure, equipment, preventive maintenance	£5,000
Teacher training	Continuing education, workshops	\$7,000
Community activities	Events, family workshops, integration	£4,000
Evaluation and monitoring	Instruments, software, reports	£3,000
Transport and logistics	Mobilisation, distribution of materials	£4,000
Insurance and licences	Local insurance, operating permits	£2,500
TOTAL ANNUAL OPERATING COSTS		£51,000

8.3. ANALYSIS BY IMPLEMENTATION PHASES

PHASE 1: PILOT PROJECT (Years 1-3)

5 centres in villages in Ghanzi, Botswana

Component	Year 1	Year 2	Year 3	Total Phase
Study and Planning	£80,000	£25,000	\$15,000	\$120,000
Construction and Equipment	£750,000	£250,000	\$150,000	\$1,150,000
Human Resources	£425,750	£851,500	£851,500	\$2,128,750
Operating Costs	£127,500	£255,000	\$255,000	£637,500
International Volunteering	£60,000	£50,000	£32,000	\$150,000
Community Awareness	£32,000	£25,000	£15,000	\$80,000
Management and Supervision	£50,000	£40,000	£30,000	\$120,000
Contingencies (10%)	£153,325	£149,550	£135,650	£438,525
TOTAL PER YEAR	£1,686,575	£1,646,050	£1,492,150	£4,824,775

PHASE 2: DISTRICT EXPANSION (Years 4–8)

20 additional centres - Ghanzi District

Component	Year 4	Year 5	Year 6	Year 7	Year 8	Total Phase
Construction and Equipment	\$1,200,000	\$1,200,000	\$800,000	\$800,000	\$800,000	\$4,800,000
Human Resources	£2,554,500	£3,406,000	\$4,257,500	\$4,257,500	\$4,257,500	\$18,733,000

Component	Year 4	Year 5	Year 6	Year 7	Year 8	Total Phase
Operating Costs	£765,000	£1,020,000	\$1,275,000	£1,275,000	\$1,275,000	\$5,610,000
Teacher Training	£120,000	£100,000	\$80,000	\$70,000	\$60,000	\$430,000
Drinking Water Systems	\$200,000	\$150,000	\$100,000	\$100,000	£100,000	\$650,000
Management and Supervision	£80,000	£70,000	\$60,000	\$60,000	\$60,000	\$330,000
Contingencies (12%)	£534,420	£713,280	\$787,140	£787,140	£787,140	\$3,609,120
TOTAL PER YEAR	£5,453,920	\$6,659,280	\$7,359,640	\$7,349,640	\$7,339,640	£34,162,120

PHASE 3: INTERNATIONAL SCALABILITY (Years 9-11)

30 centres in 3 countries (10 per country)

Component	Year 9	Year 10	Year 11	Total Phase
Feasibility Studies	\$300,000	\$150,000	\$100,000	\$550,000
Construction and Equipment	£3,000,000	\$2,500,000	\$2,000,000	\$7,500,000
Human Resources	£5,109,000	£6,813,000	£6,813,000	\$18,735,000
Operating Costs	£1,530,000	£1,530,000	\$2,040,000	\$5,610,000
Curriculum Adaptation	£300,000	£150,000	£50,000	\$500,000
International Logistics	£300,000	£300,000	£200,000	\$900,000
Global Coordination	£250,000	£150,000	£150,000	\$600,000
Multi-country Management	£300,000	£250,000	£150,000	\$750,000
Contingencies (15%)	£1,633,350	£1,815,150	£1,730,250	\$5,178,750
TOTAL PER YEAR	£12,822,350	£14,218,150	£13,283,250	\$40,323,750

8.4. SUMMARY OF TOTAL INVESTMENT

Consolidated by Phases

Phase	Duration	Centres	Total Investment	Cost per Centre
Phase 1: Pilot	3 years	5	\$4,824,775	£964,955
Phase 2: District	5 years	20	£34,162,120	£1,708,106
Phase 3: International	3 years	30	\$40,323,750	£1,344,125
TOTAL PROJECT	11 years	55 centres	\$79,310,645	

Percentage Distribution of Budget

- Infrastructure and Equipment: 28.5% (\$22,603,775)
- Human Resources: 50.2% (\$39,816,750)
- Operations and Programmes: 14.8% (£11,737,500)
- Management and Coordination: 3.5% (£2,775,000)
- Contingencies: 3.0% (£1,777,620)

27.5 SOCIAL RETURN ON INVESTMENT (SROI) ANALYSIS

Calculation Methodology

Based on **World Bank and OECD** studies on early education in vulnerable contexts.

Quantifiable Benefits

Benefit	Value per Child/Year	15-year horizon
Increased Labour Productivity	£1,200	£9,900,000
Reduction in Health Costs	\$450	\$3,712,500
Social assistance reduction	\$600	\$4,950,000
Lower School Dropout Rate	\$800	\$6,600,000
Impact on families	£300	\$2,475,000
TOTAL BENEFITS	\$3,350/child/year	£27,637,500

SROI calculation

- Total Investment: £79,310,645
- Total Benefits (15 years): £470,250,000
- SROI Ratio: £7.06 for every £1 invested

27.6 CONCLUSIONS AND RECOMMENDATIONS

Economic Viability

- **Favourable SROI** (7:1) according to international standards
- **Scalability demonstrated** with reduction in unit costs
- **Multiple sources of funding** identified
- Progressive and realistic **sustainability plan**

Key Recommendations

1. **Contingency Fund:** Maintain 10-15% for exchange rate fluctuations
2. **Transparency Mechanisms:** Blockchain platform for traceability
3. **Strategic Alliances:** Prioritise partners with experience in international education
4. **Hybrid Model:** Combine traditional financing with social innovation
5. **Impact Indicators:** Real-time monitoring system

Developed based on international educational costing standards - December 2024

Sources: World Bank, UNESCO, OECD, UNICEF, comparative experiences in Africa and Latin America

10. ABOUT US

The NextGen Project is led by the **Keneilwe Foundation**, whose human assets have a long and proven track record of altruistic professional work. It has sufficient knowledge, having worked in the affected areas for more than 20 years.

Behind it is a team specialising in project implementation in the third world and others with more than 10 years' experience in Blockchain and Cybersecurity.

On the other hand, there is also the human aspect, which will indirectly benefit from the profits and benefits generated by the business.

Our team is committed to offering an efficient, supportive and sustainable service.

We work transparently and efficiently, ensuring the trust and satisfaction of those who rely on us to enjoy life and help others do the same.

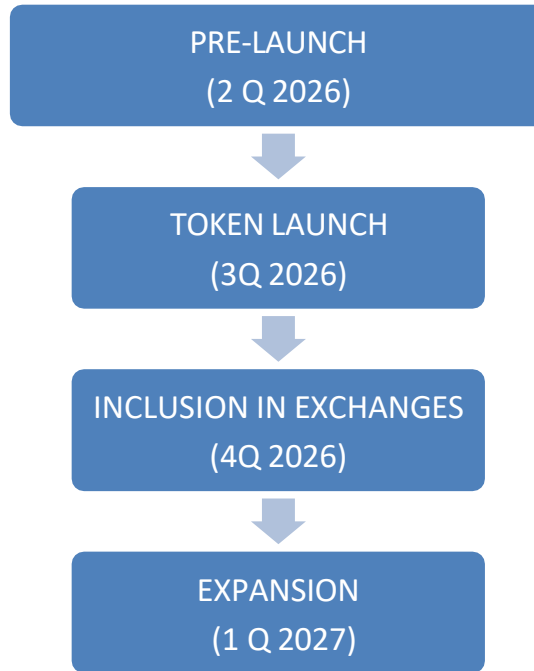
11. PROJECT GUARANTEES

In the cryptocurrency and token sector, there is an increasing demand for any project that comes to light to have the legal, judicial and financial solvency guarantees to be able to face it, and for any purchaser of the investment token to have a high degree of peace of mind.

That is why **NGT** intends to use the assets that the project acquires to build up reserves and liquidity. The results can also be viewed live through updates on our website and, of course, with transparent access and reliable data on our results, which are constantly audited and verified through effective and democratic metrics and traceability checks.

12. PLANNING

The NGT Token is under development and the following deadlines will be met approximately depending on how the NGT project evolves.



13. Legal Notices

The NGT Token is currently backed by the **NextGen** project.

You can consult the legal notices and privacy policy at: www.jnextgen.org
