



Glass Block Bopoma Dam Project

Strategic Water Infrastructure Investment Opportunity

Zimbabwe • August 2025

Executive Summary

The Glass Block Bopoma Dam Project represents a transformative water infrastructure initiative designed to address Bulawayo's critical water shortage. Located 70km southeast of Zimbabwe's second-largest city, this strategically positioned dam and pipeline system will deliver 68 million litres per day, ensuring water security for over 650,000 residents while catalyzing regional economic development.

⚠ Critical Problem

- Current water deficit: 28.4 MI/day
- Projected deficit by 2035: 75+ MI/day
- Demand (165 MI/day) exceeds supply (136.4 MI/day)
- Threatens economic growth and public health

💡 Strategic Solution

- 129 million m³ capacity dam
- 32km pipeline to existing waterworks
- 68 MI/day sustainable yield
- Cost-effective at \$0.90/m³

Investment Highlights

12%

IRR

\$33.2M

NPV

1.43x

DSCR

92%

ROI

12

Years Payback

\$192.87M

Net Cash Flows

Transformational Impact

👥 Social Benefits

- Water security for 650,000+ residents
- Supports UN SDG 6 (Clean Water & Sanitation)
- Job creation during construction & operations
- Enhanced climate resilience

📈 Economic Development

- Enables industrial expansion
- Supports irrigation & agriculture
- Tourism & fisheries opportunities
- Solar energy development potential

Investment Opportunity

Addressing Zimbabwe's water crisis while generating sustainable returns

US\$84.2M

Investment Ask

Funding Structure

60%

Debt

\$59.4M

30%

Equity

\$29.8M

10%

Grant

\$10.0M

Key Players



Lead Developer

JRG Consortium / JR Goddard (Pvt) Ltd



Engineers

Stewart Scott Zimbabwe (SSZ)



Financial Advisors

GGF Africa (Genesis Global Finance)



Government Partners

ZINWA, City of Bulawayo, ZIDA



Project Managers

Sesani Private Limited

Technical Specifications



2.8 km

Dam Length



129M m³

Capacity

32 km / 800mm

Pipeline



68 MI/day

Daily Yield



60+ years

Design Life



2,000-year

Flood Protection

Risk Mitigation

- ✓ Government tender award (2019)
- ✓ Perpetual concession structure
- ✓ Guaranteed off-take agreements
- ✓ World Bank/AfDB compliance standards
- ✓ Comprehensive ESG planning
- ✓ Proven consortium track record

Contact Information



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