



# INFRASTRUCTURE DEVELOPMENT PROPOSAL

## SENEGAL – ZERO SLUM PROGRAM

Ministry of Urban Planning, Housing,  
and Public Hygiene



# APT STUDIOS – TURNKEY DEVELOPMENT COMPANY

YOUR VISION, OUR EXPERTISE: BUILDING SUCCESS TOGETHER



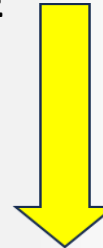
CONCEPT



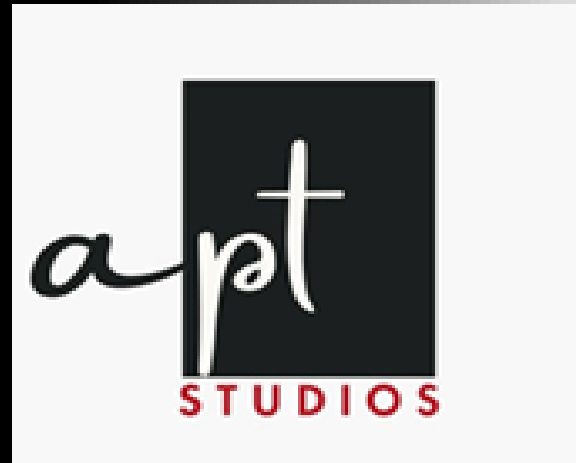
HAND OVER



ARCHITECTURE



CIVIL ENGINEERING



# ALTEC PANEL

- **ENERGY EFFICIENCY**

Reduced Heat Transfer  
Energy Savings

- **COST SAVINGS vs  
BRICK AND MORTAR**

Construction Time

Cost Savings

Less Site Disruption



# INFRASTRUCTURE DEVELOPMENT PROPOSAL

- **SENEGAL'S ZERO SLUM HOUSING PROGRAM**

Ministry of Urban Planning, Housing,  
and Public Hygiene

- **INVESTMENT LOAN OF**

**US\$ 10,2 MILLION**

Factory Establishment 8000 sqm,  
2000 houses



## PROPOSED FACTORY



## PROPOSED HOUSING DEVELOPMENT





# FACTORY OPERATION

## MANUFACTURE OF:

- **EPS MODULAR PANELS**  
170 000 Panels per month
  - **LIGHT STEEL FRAME**  
14 000 LSF Trusses per month
  - **IBR ROOF SHEETS**  
44 000 Roof sheets per month
- 2000 Houses per month



**60sqm STRUCTURE COST - \$ 4445**



**60 sqm HOUSE –COST \$ 18 350**

# REVENUE GENERATION

- **KEY ASPECTS**

Factory Establishment

- **INITIATIVES**

Introduction of the ALTEC Panel  
Environmental Impact and Sustainability

- **OBJECTIVES**

Build 20,000 Houses per annum  
Employment – 14000



## INVESTMENT STRATEGY

- **RETURN ON INVESTMENT**

Projected annual revenue - US\$ 367 million

Projected annual net cash flow - US\$ 35 million

**Project payback period 4-YEARS**

- **Vision**

Country-appropriate solutions to reduce the housing and infrastructure backlog

Employment created and economic development



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