




BHARAT
BIOTECH
Lead Innovation

STOCK PILING



TABLE OF CONTENTS



STOCK PILING - INTRODUCTION

STOCK PILING - NEED

STOCK PILING - CHALLENGES

STOCK PILING - WAY FORWARD

STOCK PILING - INTRODUCTION

Bharat Biotech International Limited is a leading manufacturer of vaccines & Bio Therapeutics based at Hyderabad, India.

Bharat Biotech manufactures a wide range of Vaccines ie Bi- valent Polio, Rotavirus, Typhoid conjugate, Japanese Encephalitis, Hepatitis B, Pentavalent vaccines, Covid 19 - & many others. We are also the largest manufacturers of Anti rabies vaccine in the world.

We supply our vaccines for the Universal Immunization Programs of UNICEF & Govt of India.

We also supply to State Govts, PSUs, Domestic market and also export to many countries in Africa, Latin America, CIS countries and SE Asia,.

STOCK PILING – NEED & SCOPE

1. Epidemics – Outbreaks & Controls.
Outbreaks due to Climate changes,
Population increase & Rapid Urbanization
2. Disease control strategies & Rapid response to shortages
to manage Epidemics .
Recent Covid 19 Pandemic.
3. Forecast & Plans
4. Static stock pile – Shipped on Outbreak
5. Rotating stock pile – For Routine Immunization Programs –
available within 72-96 hrs

STOCK PILING – CHALLENGES

1. Investment
2. Interest burden on borrowing
3. Return on Investment
4. Additional Cold storage –
Enhance Inhouse Storage Capacities or
outsource -3rd party
5. Loss of shelf life

STOCK PILING – WAY FORWARD

1. Effective stock Management - Re allocation of vaccines
2. Scale up Production Capacities to meet urgent demand
3. Minimum Buffer stocks – 6 months inventory
4. Adequate Bulk for urgent production
5. Regulatory – Emergency use –
Parallel testing with National testing labs
6. BBIL stock pile min 6 months – bOPV, Rotavirus,
Typhoid conjugate, JE vaccines etc.



THANK YOU