

# Guaranteeing last-mile data visibility & reliable vaccine availability at scale

India



## Implementation by UNDP

Assessed preparedness of states to adopt eVIN

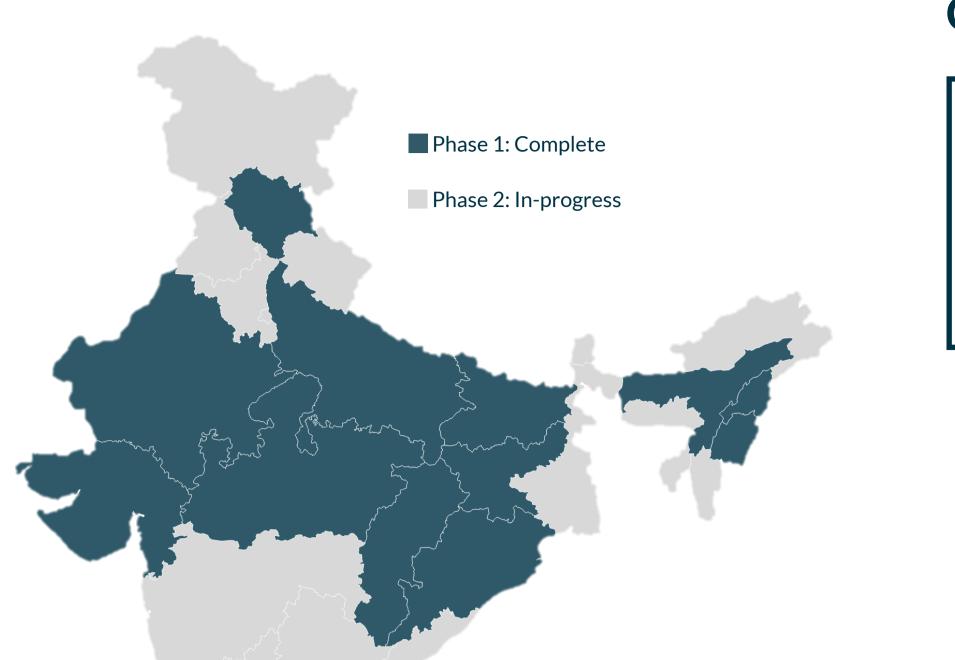
# 17k health workers trained

Digitized vaccine inventory management of 11k cold chain points



Installed over 14k remote temperature monitoring devices

National Store to last-mile cold chain point



RTM

**Transport Optimization** 

High Usability

Device agnostic plug-n-play interoperability

Mobile

### **Coverage** as on October 2017

14k	<b>11k</b>	<b>35</b>	<b>14k</b>
Users	Facilities	SKUs	RTMs
	<b>17M</b>	90M	<b>300M</b>
	Birth cohort	Children	Doses
	served	served	orchestrated
	annually	annually	annually



## Challenges



Large scale of immunization program

Diverse and difficult terrain



Unreliable power supply



First-time smartphone users



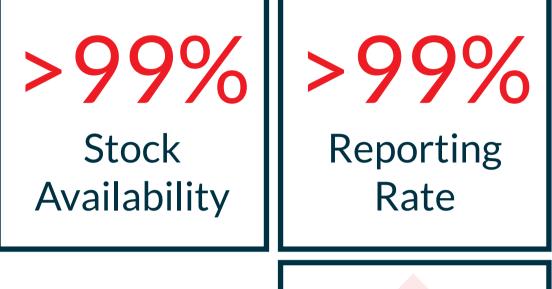
Poor network connectivity



It would often take days to reach someone on the phone and track-down each registry. By the time we received the registries they were already out-ofdate and inaccurate. After Logistimo was implemented there is visibility into vaccine levels across all facilities, quick decisions can be made and orders can be placed with the click of a button.



UAV



Contributes to increased immunization coverage

## Next Phase: Order Management Order Status

#### Pending Confirmed Shipped Fulfilled

Once eVIN and order management scale across India in the next 18-24 months, consumption-based stock thresholds can reduce pipeline stock by 17.4% (saving ~\$73.6M), without reducing availability



- Guissimon Phiri, Chief Logistician (EPI), Zambia

**Replenishment Optimization** 

Logistimo Cloud

**Predictive Analytics** 

**Big Data Framework** 

**Demand Forecasting** 

Timeline

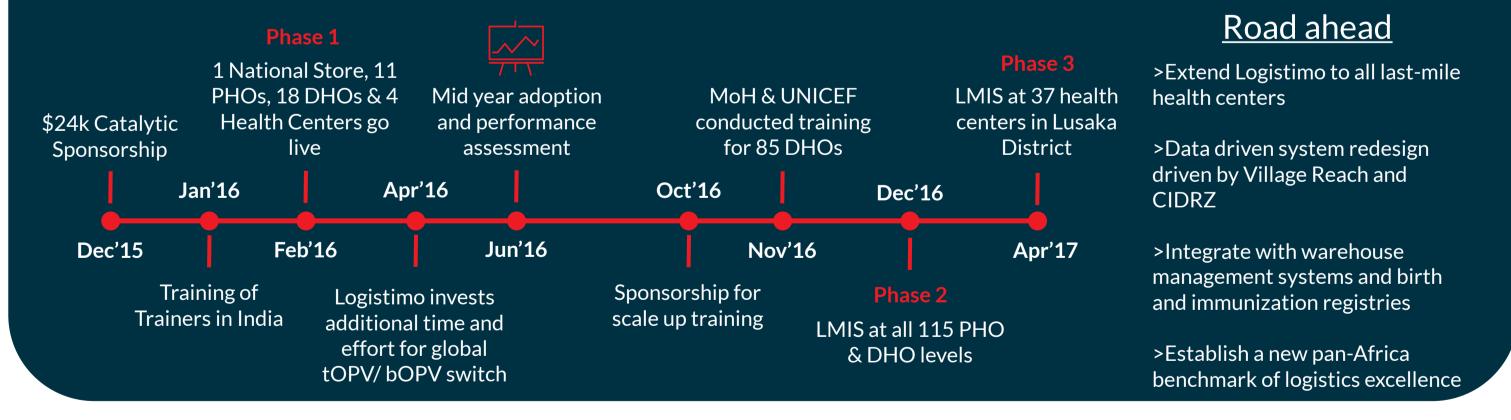
**RFID** 

Karuna Trust is a renowned NGO in India's public health-care space. With the objective of 'reaching the unreached', Karuna Trust manages and operates primary health centers in the most remote and backward areas of India under private-public partnerships with state governments.

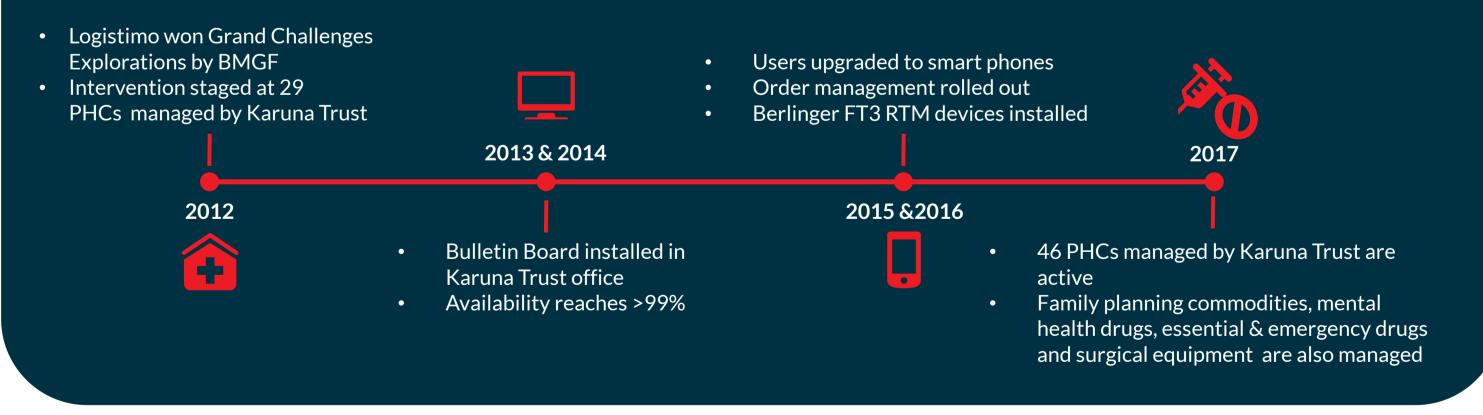
Logistimo Web & Mobile Data driven decision making

#### Timeline

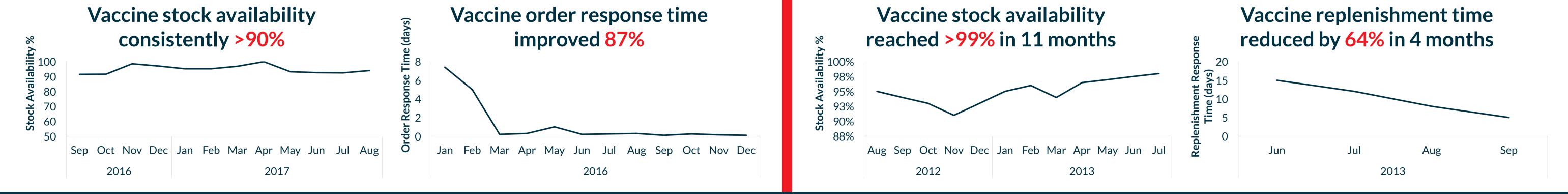
Driven by alignment among EPI partners WHO, UNICEF and MoH, Real time visibility into Zambia's vaccine supply was achieved within 17 months



#### The Karuna Trust engagement has sustained and grown for over 5 years with minimal external supervision



#### Impact



Impact

#### How can we increase immunization coverage globally?

Today, Logistimo serves a birth cohort of 17M across 2 continents. With strategic alignment amongst EPI partners and properly programed HSS funds, we can scale to a dozen new countries and cover a birth cohort of 54M and 80K more facilities over the next 3 years. Logistimo will work with EPI partners to move the needle on immunization coverage from 86% to 91%

