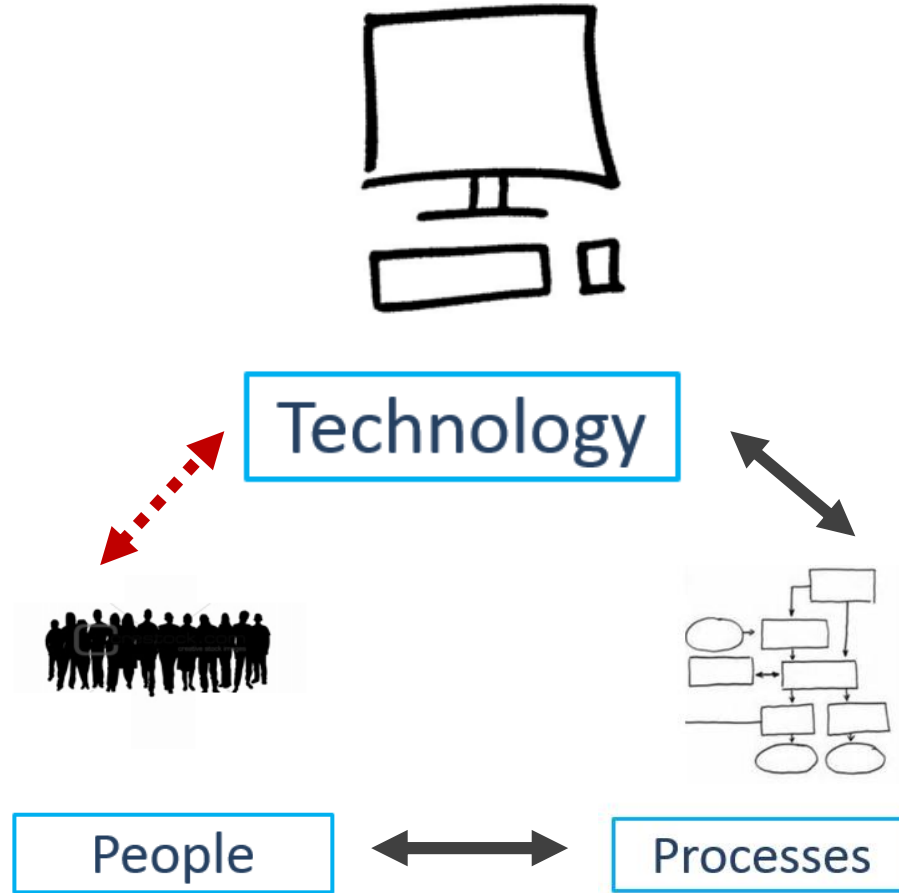7 June 2017

Solving the Challenge of Data Use and Monitoring Supply Chains with Easy-to-Use Solutions

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Technology

People ⟷ Processes

Solving the Challenge of Data Use and Monitoring Supply Chains with Easy-to-Use Solutions – **UNICEF** for every child

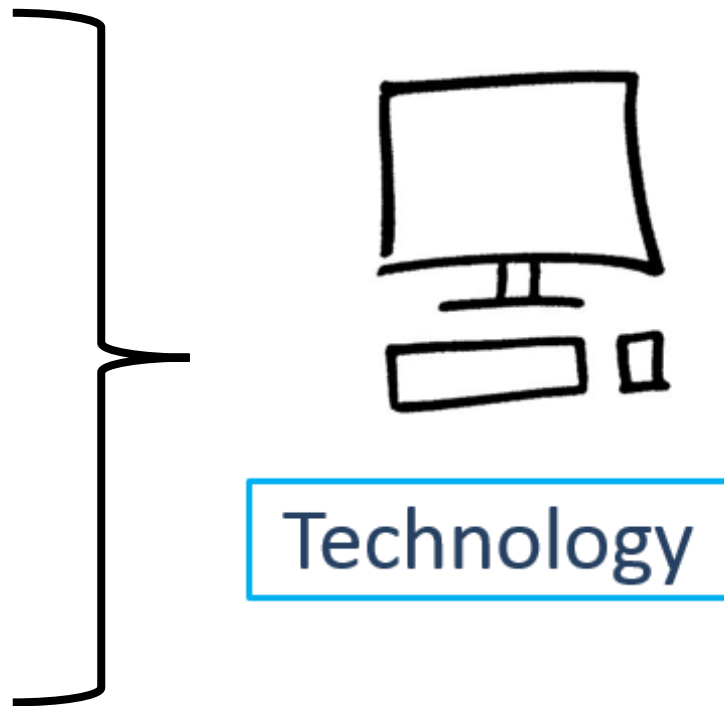# UNICEF increased data and supply chain monitoring by focusing on improving the basics

- using ERP-extracted data, visibility dashboards developed in excel with little investment

- based on common processes and common measures

- a tool to provide high-level numbers with an option to drill-down into detail

- designed to help decision making, for managerial and operational purposes – whether in humanitarian or routine mode

- investing in staff training

- increasing complexity as we progress, e.g. via online tool

Challenges to using data to manage and monitor supply chains are prevalent among countries

- **Data is unavailable:** Good quality, fit-for-purpose supply chain data may not be available

- **People unaware of the value of capturing data:** Capturing data is considered a chore, and there is little immediate value to the person collecting it

- **No feedback on data:** Data flows one way up the chain and there is no feedback mechanism

- **Data is not used:** Data is not acted upon by decision-makers

Often the solutions offered to these country challenges are more tools and more advanced technologies

- Data is unavailable

- People unaware of the value of capturing data

- No feedback on data

- Data is not used

Technology

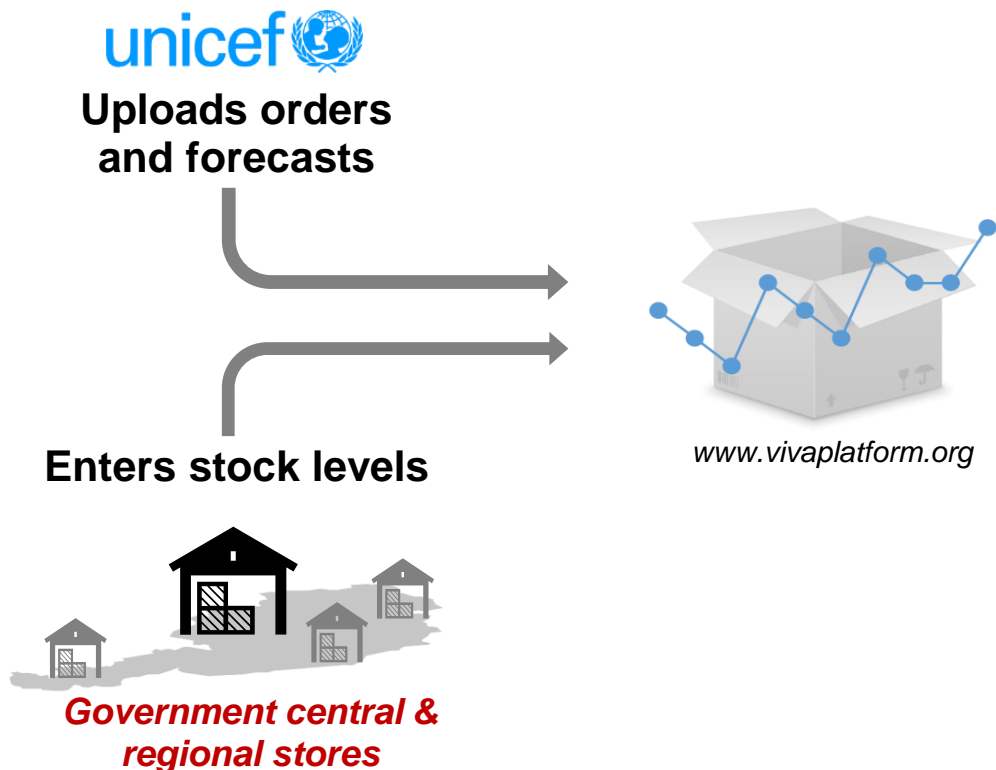# UNICEF is solving these challenges via simplification, feedback and incremental data availability

Encourage data use

- **Simplify** and **standardize** processes

- Focus on **relevant information** for each supply chain level

- Generate **awareness and knowledge** on processes and information

- Introduce **feedback mechanisms** to increase health worker understanding of data, performance, quality and their own role

- Establish a flexible system that allows for incremental change and **continuous improvement**

Visualize data to ease understanding, analysis and action

Support systems that improve data capture and reporting, while considering supply chain maturity, staff capacities, leadership and investment appetite

Visualizing key existing data creates new ways for governments to monitor vaccine projections and act

UNICEF

Uploads orders and forecasts

Enters stock levels

Government central & regional stores

www.vivaplatform.org

1 ViVa **creates visualizations** showing vaccine stock levels and stock projections in the future

2 ViVa **generates alerts and recommendations** based on risk of stockout/ overstocking

3 ViVa **provides an overview** of all vaccine alert levels in a country

Supporting a culture of using data for action and decision making in health government structures

Myanmar:

- ✓ Assessing the situation, understanding as well non-immunization health programmes
- ✓ **Data Use Manual**, including guidance to keep records and reports, and visualizing data via dashboards
- ✓ Alignment on first ever **performance indicators** to be used country-wide
- ✓ **eLMIS** transition plan and functionalities developed
- ✓ eLMIS implementation **partner** identified
- ✓ Planning health worker training, dissemination of manual, implementation of indicators and eLMIS greenlight

MYANMAR
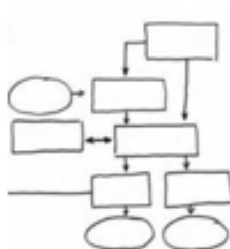IMMUNIZATION SUPPLY
CHAIN DATA USE
MANUAL

OCT
2016

unicef 🙂

Tools and technologies are available and *easy* to develop but solving the data use challenge calls for a focus on process, leadership and health staff capacity

People

Processes

Technology

Thank You

Solving the Challenge of Data Use and Monitoring Supply Chains with Easy-to-Use Solutions – **UNICEF** for every child