

# Building ACTs Forecast

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# Building ACT Forecast: Decision factors (1)



## Demand

- Effectiveness and safety of ACT/ Guidelines
- Simplicity of treatment
- IEC

## Orders

- Funds (International, national)
- New approach of funding (AMFm: price reduction)
- Capacity of distribution (supply chain / PSM)

## Malaria intervention

- Diagnosis RDT
- Bed and Net
- IRS
- Vaccines (Long term)

At Global level

# Building ACT Forecast: Decision factors (2)



## Market Dynamic

- Competition between ACT
- Starting material prices
- National malaria guidelines
- New antimalarial drugs

## Industrial

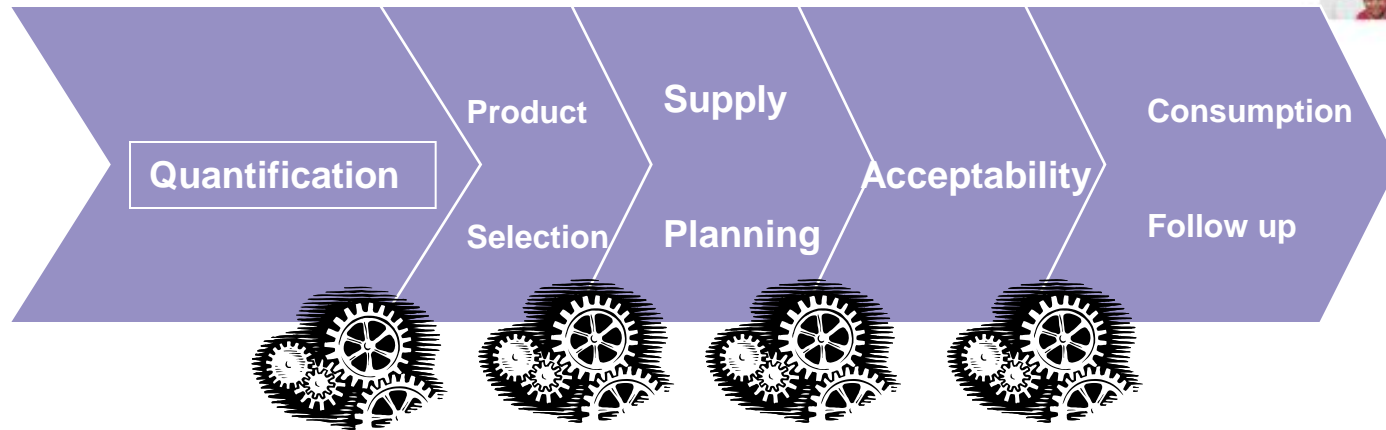
- Production capacity
- GMP
- Prequalification

## Supply chain

- Shelf life
- Procurement mechanism
- Cycle of production

**At manufacturer level**

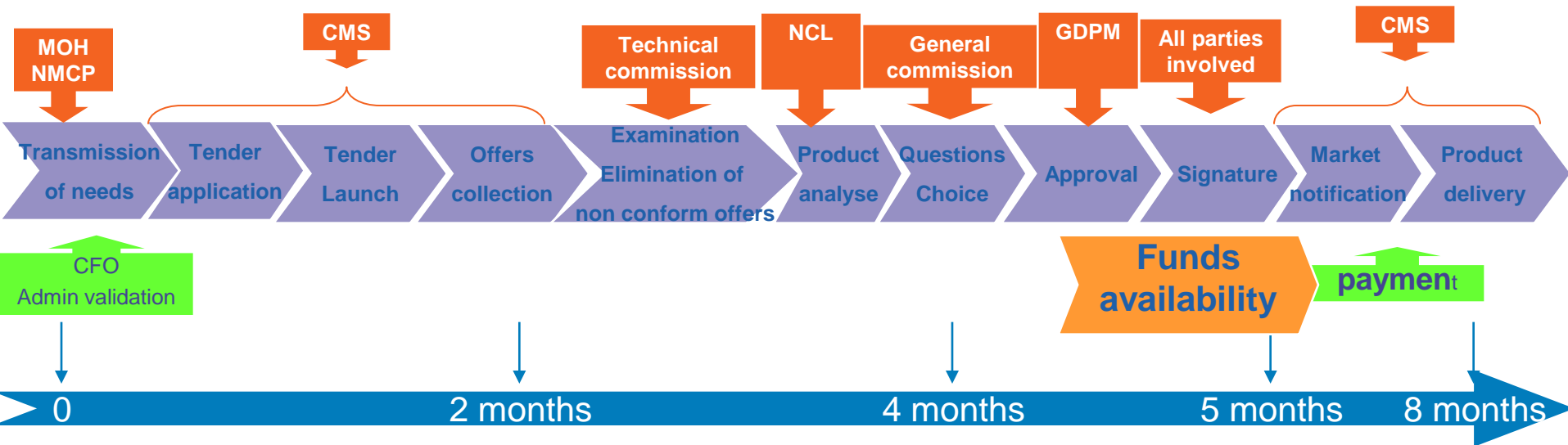
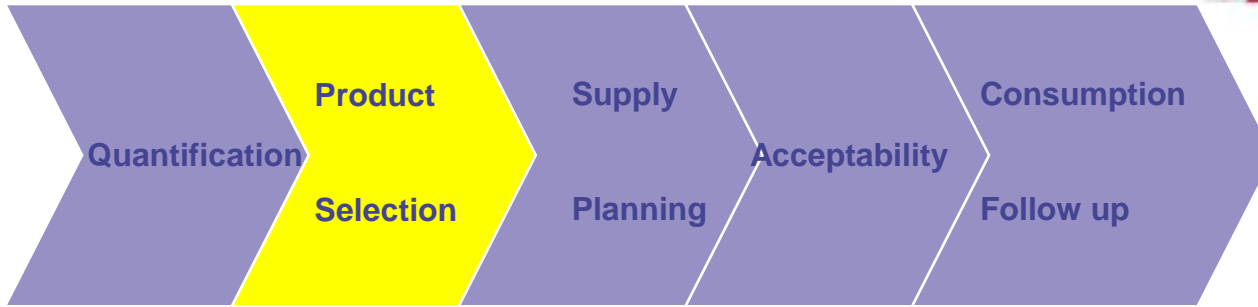
# Supply chain management: a major issue



**From needs assessment to consumption follow-up**

**A well-managed system is required**

# Hurdles in Ordering process



A complex and multi-actors supply process: ~ 8 months

A logistic cycle is made up of 4 main stages:  
Quantification  
Procurement distribution & case management

## 1. Quantification

**Quantification:** often distorted due to → Lack of **epidemiologic data**  
→ **frequency** : repeated disruptions  
→ **Drugs bought in the street: counterfeit**  
→ **Traditional healers**

## 3. Case Management

### Case management

→ **No respect of drugs regimens** : stock-outs and no joint purchasing  
→ **No compliance of treatments by patients:** lack of advice (dosing information, potential adverse effects , and changes in presentation due to no joint purchasing)

Supply chain  
Management  
support

## 2. Procurement

### Procurement: main difficulties

→ **Quantification:** smaller quantities  
→ **Non taking into account vertical programmes and interventions** (screening, prevention)  
→ **Lack of Communication** between players

# WHY THIS SITUATION? (1)



- Misapprehension/ignorance of the different stages of the supply chain cycle
- Interdependence of the different services
  - **Lack of communication between the different actors**
- Patients' frequency to the health centres decreasing due to repeated stock-outs
  - **Difficulties to get reliable forecast**
- Employees' motivation
- Training problems



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THANK YOU FOR YOUR ATTENTION