



## The Global Language of Business

# Transitioning from paper-based to automated SPS systems

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Aid For Trade 2017 Global Review,

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GS1 Global Office



# The GS1 barcode

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# GS1 – a global standards organisation

Neutral and  
not-for-profit

User-driven  
and governed

Global  
and local

Inclusive and  
collaborative

## Our management board



The Global Language of Business

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4

## Partner organisations



... just to name a few!



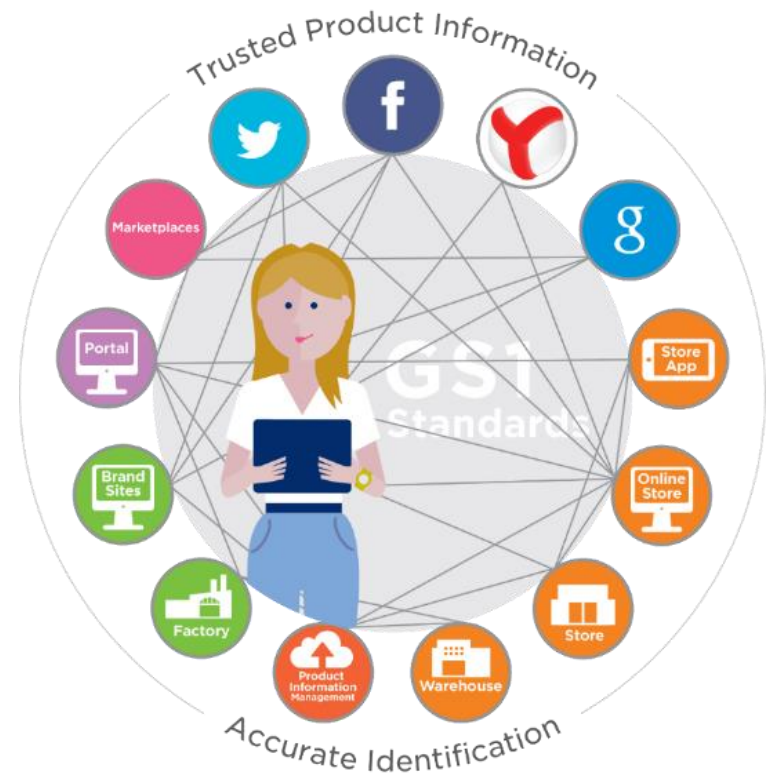
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5

# Managing the physical and data flow

**Accurate identification of the product is key to access to all the associated information.**





# The need for interoperability

名称 玻璃空箱  
型号 720 ml  
数量 42976箱 (2528箱(17托))  
批号 Jar720-0803  
产地 广东华兴玻璃公司  
入库时间 080503

名称 玻璃空箱  
型号 720 ml  
数量 55616箱  
批号 Jar720-0803  
产地 广东华兴公司  
入库时间 080505

# GS1 standards : the global language for business

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## **Identify**

### GS1 Identification Numbers

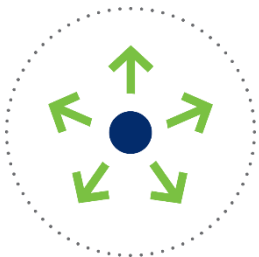
Companies, Products, Locations, Logistics, Assets and Services



## **Capture**

### GS1 Data Carriers

Barcodes and EPC-enabled RFID



## **Share**

### GS1 Data Exchange







Master Data, Transactional Data and Physical Event Data

# Benefits



# So what's border agency risk management about?

- Border agency objectives:
  - i. **Timely and efficient clearance** of wanted goods
  - ii. **Detection** of unwanted goods crossing the border
- Risk management aims to efficiently identify the wanted goods, and then **re-allocate agency resources to inspect 'high risk' potentially unwanted**

	The physical inspection trade-off		Potential of Global Data Standards	
Agency costs	Up		Same	
Clearance speeds / business costs	Down		Up	
Detection rates	Up		Up	

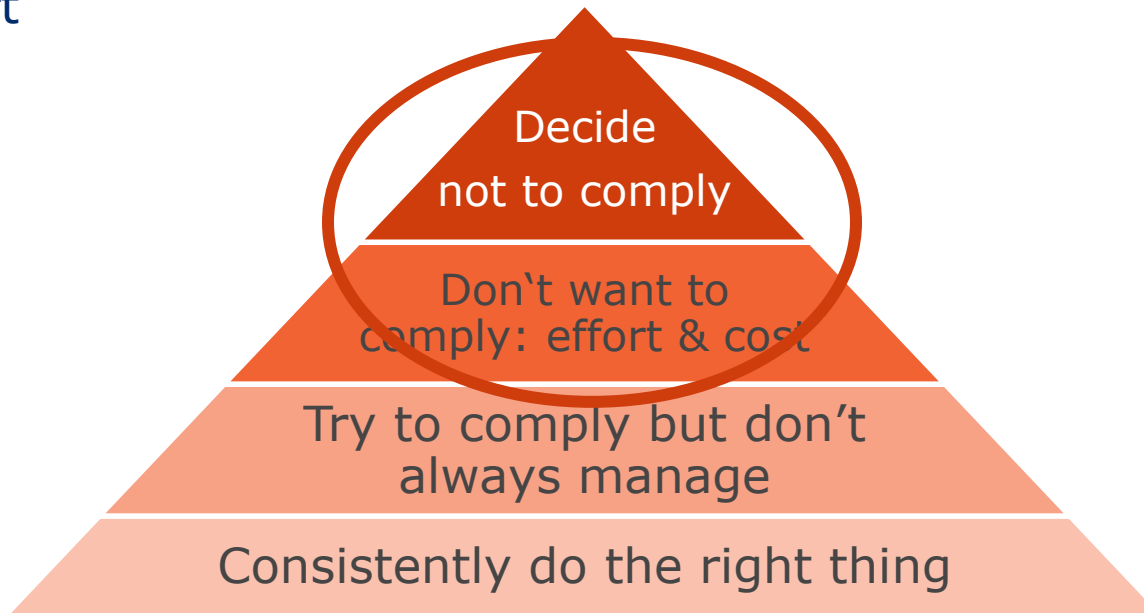


# Where border agencies want to focus inspection efforts

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Agency effort

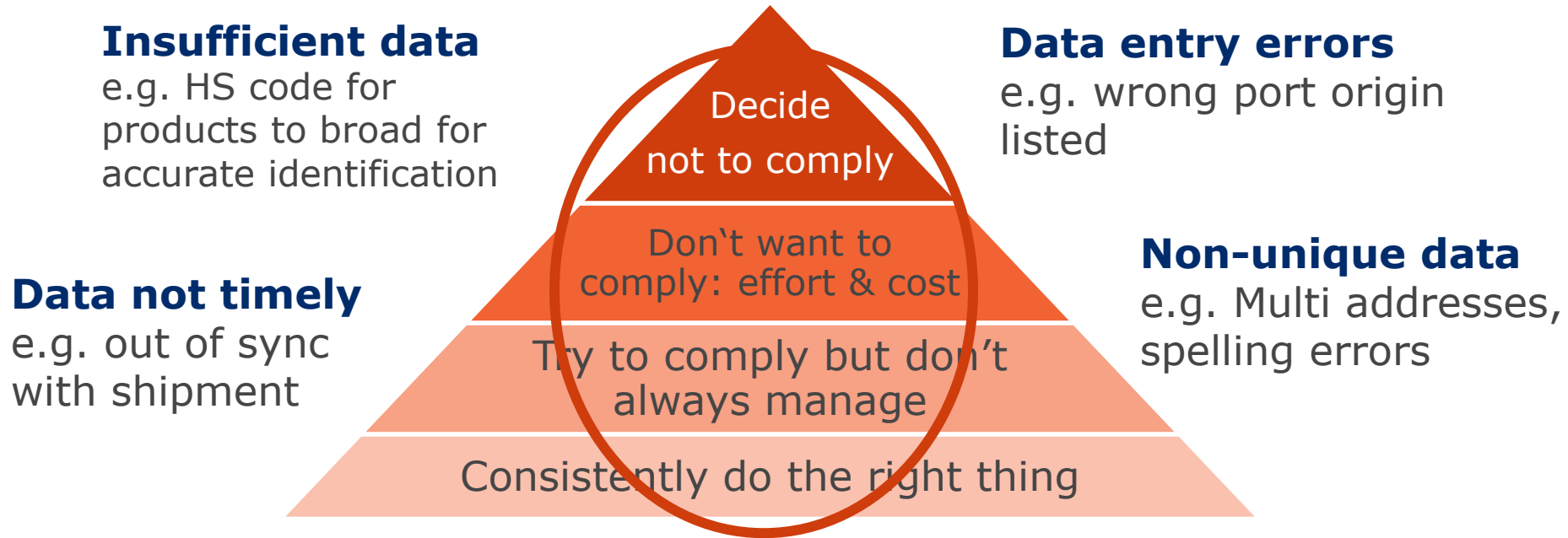
Trade volumes



**Regulatory Compliance Pyramid**

# Where border agencies can end up focusing inspection efforts due to:

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**Global Data Standards can help overcome these data problems and facilitate trade.**

# South Africa : Prodev CARA

## – SIP 11 Traceability programme

*SIP 11 = Strategic Integrated Programme for Agriculture, which is managed by the National Agricultural Marketing Council (NAMC)*

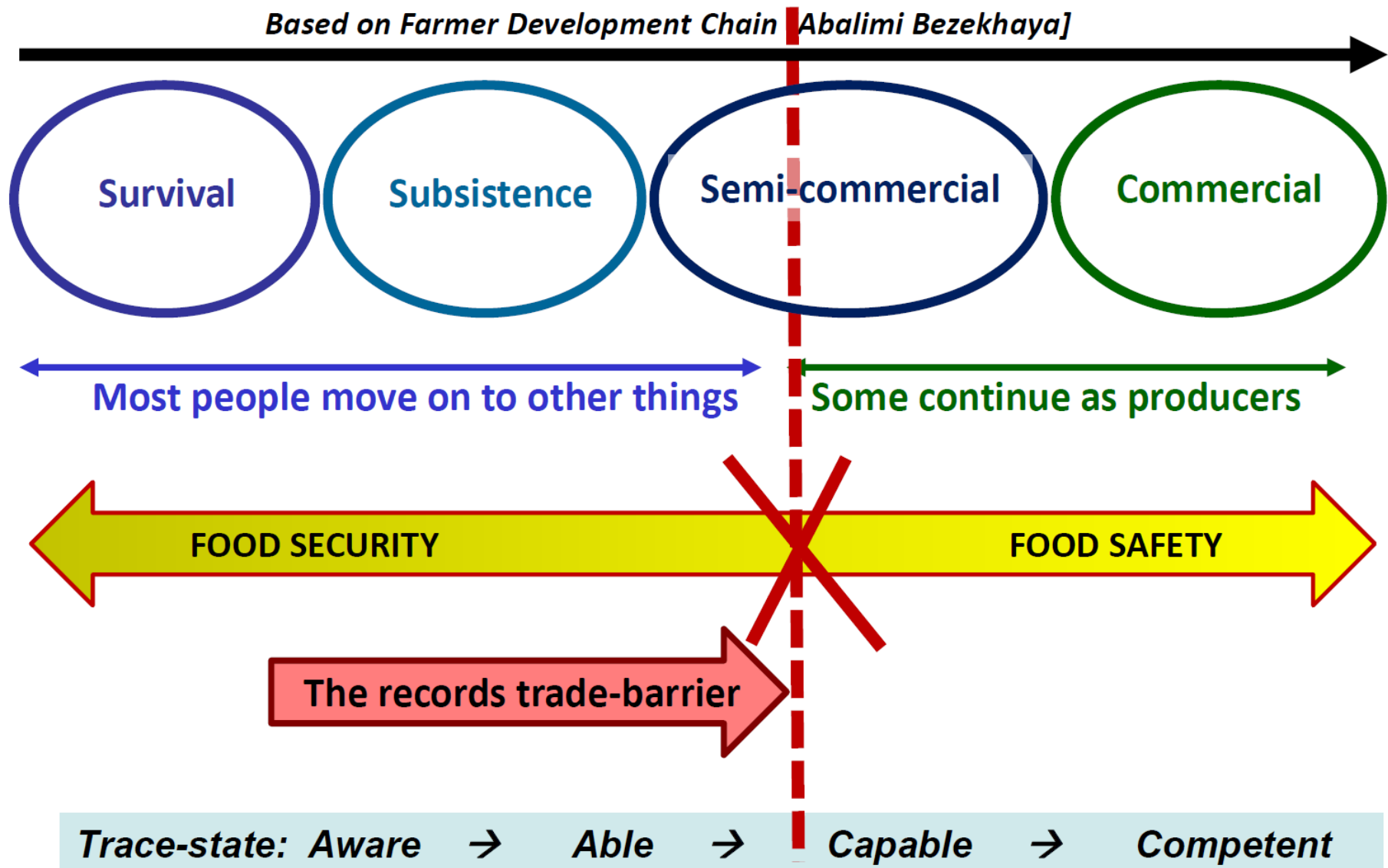
# South Africa : Prodev CARA – SIP 11

**Objective #1 includes enabling “managed systems infrastructure and services in rural areas”.**





# Why : there is a gap in farmer development programmes



## Enable local competence and control

- Traceability good practice standards (by commodity)
- Traceability-aware officials & extension officers
- Traceability training (for everyone at all levels)
- Capacity building (in various disciplines; local associates)
- Accurate and timely records from source
- Traceability systems and services
- A business approach
- ***Through community traceability service points***

# Peru : capacity building for sesame producers

# Video





# For more information

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