

# TRACEBACK

## Standards of traceability systems

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*[www.traceback-ip.eu](http://www.traceback-ip.eu)*







## Projekty badawczo-rozwojowe i wdrożenia | R&D projects and implementations

Centrum GS1 Polska

GS1 Poland



Centrum  
Wiedzy  
Logistycznej

Logistics  
Expertise  
Centre



Centrum  
Elektronicznej  
Gospodarki

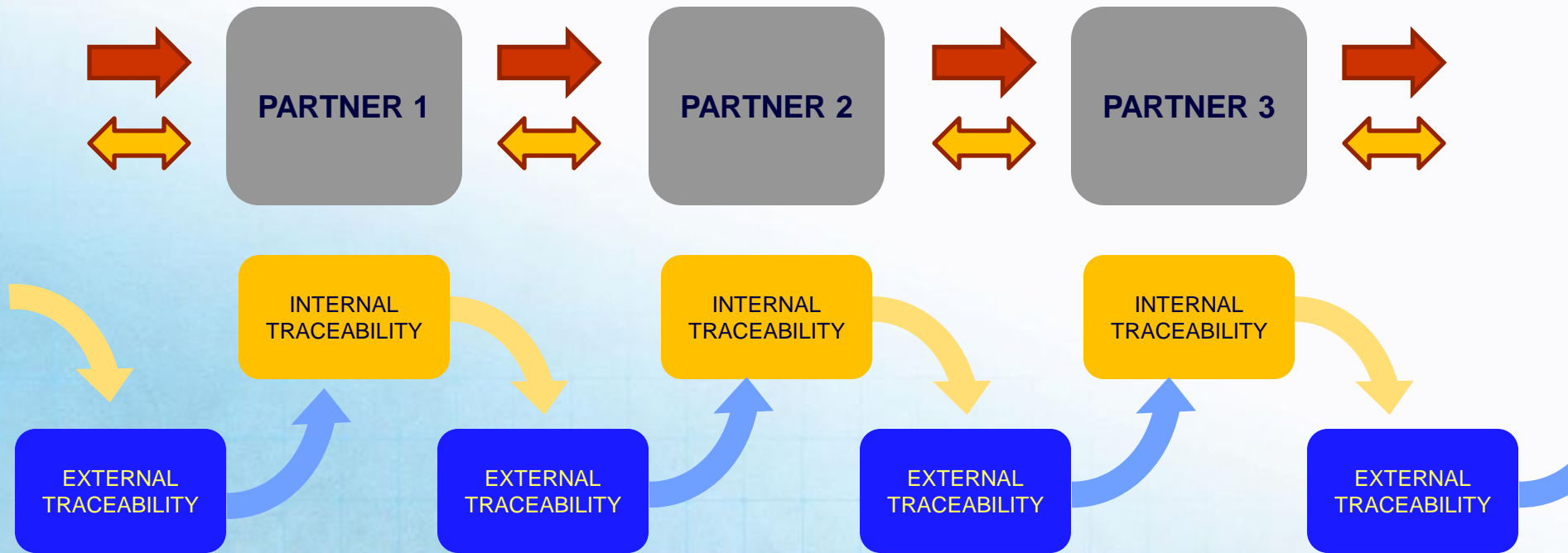
e-Business  
Centre



Laboratoria  
Badawcze

Research  
Laboratories





**RECORD  
KEEPING**

# Why Traceability ?

# Standards requirements





One of the project's goal is to achieve uniformity of global standards and operations in supply chains, so the food's safety is assured.



SUPPLIERS OF RAW

Data Identifier	Description	Syntax
<b>SSCC</b>	Serial Shipping Container Code – for logistics purposes to identify: palettes, container, crates, boxes etc.	GS1-128
<b>GTIN</b>	Global Trade Item Number – for identification of trade units like: boxes, crates, single items etc.	EAN-13, GS1-128, Data Bar
<b>GTIN+</b>	Global Trade Item Number plus – GTIN plus identification of attribute of GTIN like: GTIN + lot number, GTIN + BBD (best before date), GTIN + PD (production date)	GS1-128, Data Bar, Data Matrix
<b>SGTIN</b>	Serialized Global Trade Item Number – GTIN with serial number of this GTIN	GS1-128, Data Bar, Data Matrix
<b>GLN</b>	Global Location Number – for identification of location in the context of physical or formal location, like: entity, greenhouse, cultivation unit	GS1-128

trade units and palettes  
**GTIN, SSCC, lot number**

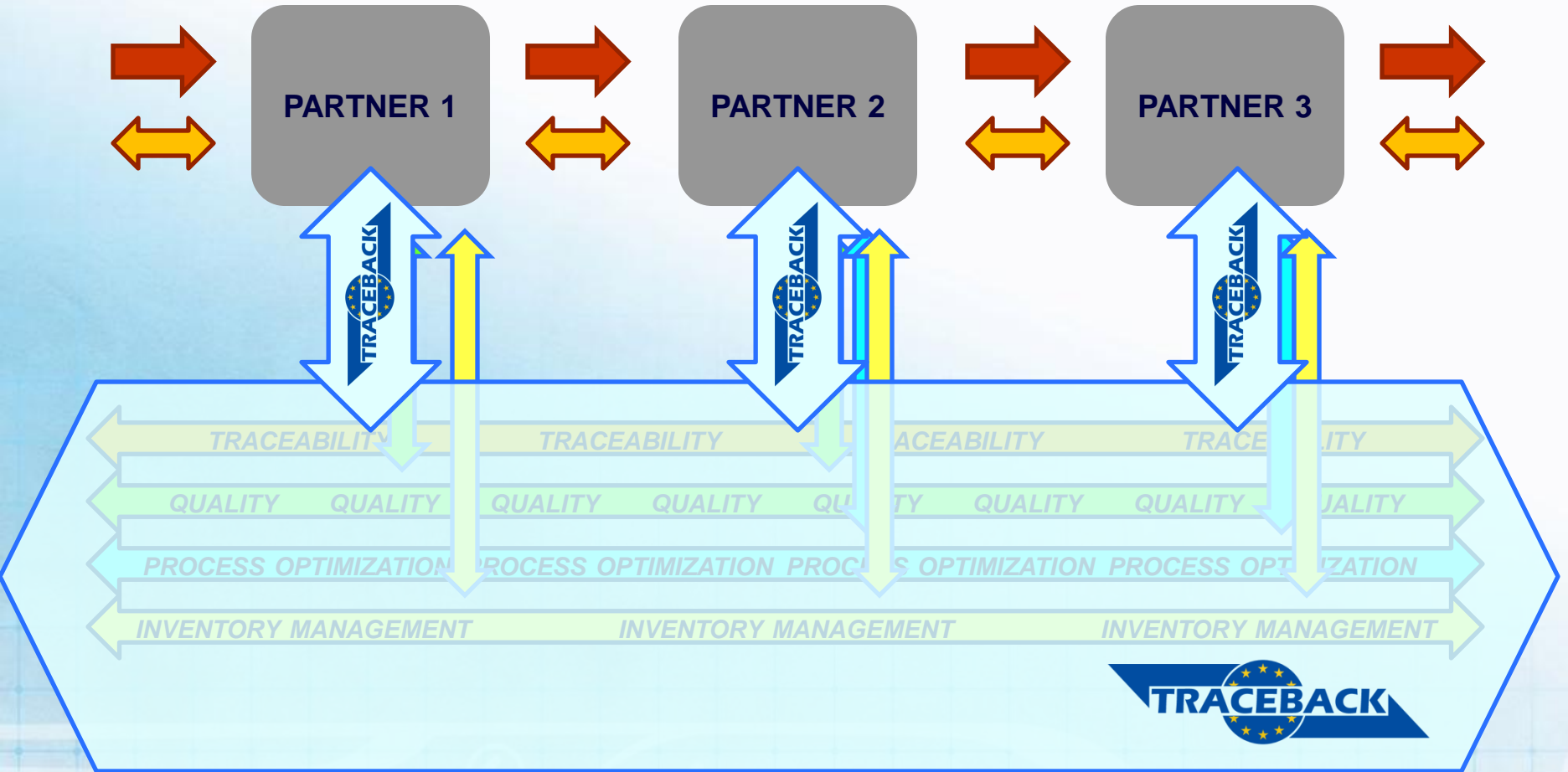
SUPPLIERS OF RAW

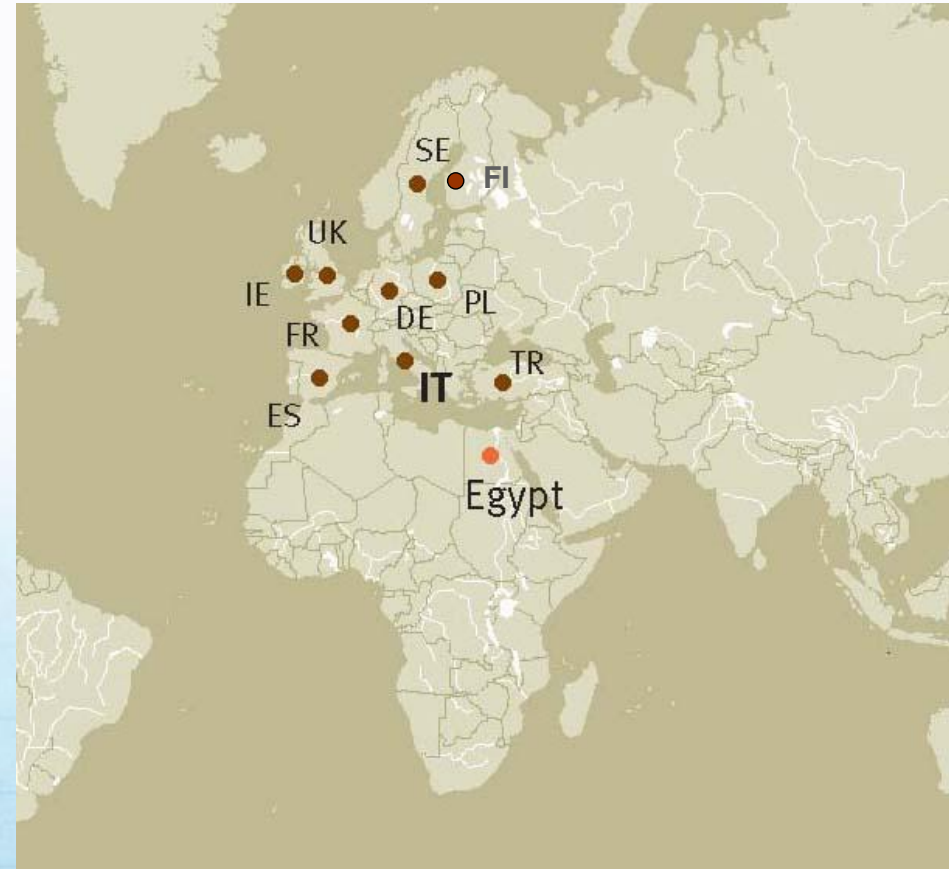
PRODUCER

	TRM traceability data coverage	Complexity	Business integration level/ standard maturity	Standard stability
GS1 XML	FULL	Medium	High	Medium
EANCOM	FULL	High	High	High
UBL	FULL	High	Medium	Medium
TraceCore	NOT FULL	High	Low	Low

GTIN, SSCC, lot number









# Thank you!

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TRACEBACK team

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