

JNITED NATIONS NDUSTRIAL DEVELOPMENT ORGANIZATION

## CHANGING PHENOMENON OF FOOD SAFETY PRACTICES IN THE DIGITAL AGE

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## Outline



MEGATRENDS & ACTORS INVOLVED



CHANGING FOOD SAFETY PRACTICES IN THE DIGITAL AGE

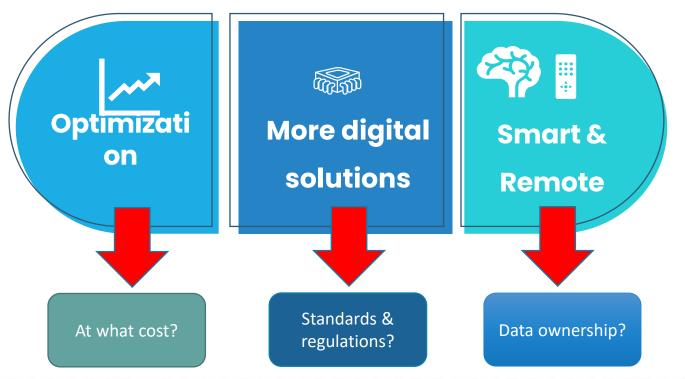


HOW TO MAKE DIGITAL SOLUTIONS IN FOOD SAFETY WORK FOR US



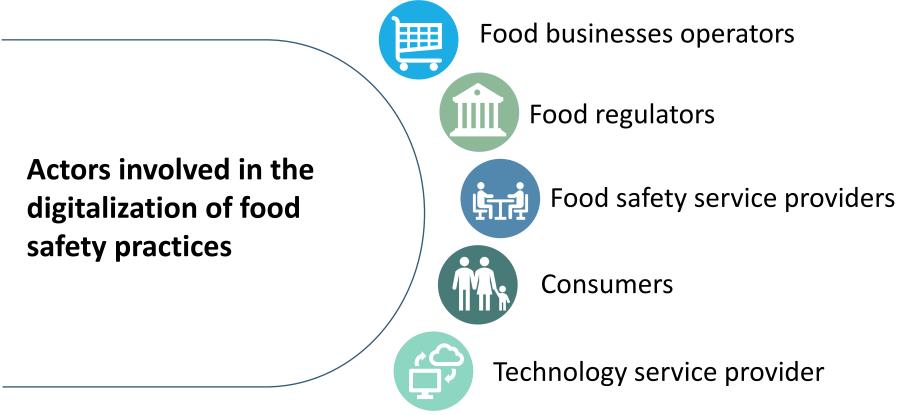


### Megatrends in digital transition of food safety practices













## A new era for the Codex Alimentarius





New types of Codex Guidance related to Data



### Blended CAC44





## Evolution of food regulatory practices

Traditional / Proactive system Preventive/ Modern system (Scientific evidence-based)

Optimized system (capacity and performance) Development gap among food control systems in developing and developed countries





## Food safety service providers

# Remote auditing

## Data generated by certification services





## What factors can impact digitalization efforts of food enterprises?

### Attributes

- Size
- Type of sector
- Liquidity

### Leadership

- Vision
- Strategic objectives
- Data literacy

#### Location

Internet accessHuman resourcLanguage barrie



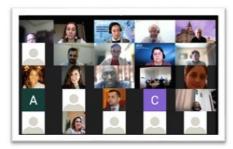


## Digital efforts in food safety capacity building



Remote assessment



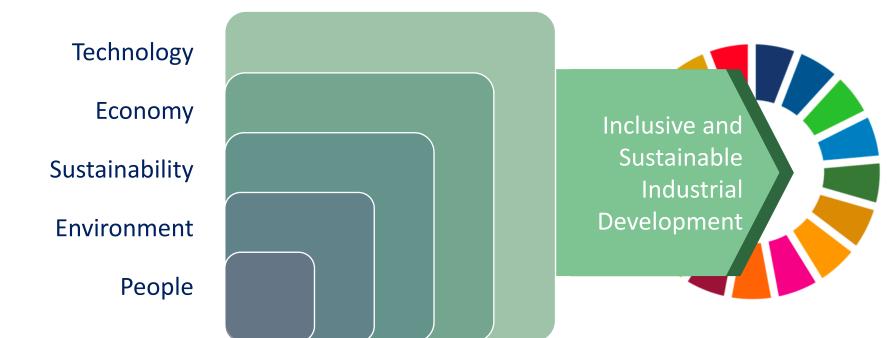






## People at the Core









## Key Elements to make the New Industrial Revolution work for all



Governance, technologies & innovation policies Partnerships, investment & infrastructure



Innovation Ecosystems Business environment & entrepreneurship

Digitalization at firm-level

Skills & capacity building



## Conclusion



