



FARM2030 

A DIGITAL INNOVATION HUB IN
THE AGRICULTURE SECTOR IN
PORTUGAL



Outline

FARM2030 

- **Rational behind the hub**
- Hub concept
- Hub thematic areas and services
- Current Stage



Challenges

FOOD SAFETY

CLIMATE CHANGE

ENERGY

WATER AND SOIL

WASTE REDUCTION



THE VISION

**“GAP” BETWEEN
CURRENT
PRODUCTION
AND POTENTIAL
PRODUCTION**



**SUSTAINABLE
INTENSIFICATION
OF AGRICULTURE**

VALUE CHAIN

PRODUCTION



INDUSTRY



RETAIL



CONSUMER



VALUE CHAIN ICT

CLIMATE CHANGE

PATHOGENS, RESIDUES

RAW MATERIALS

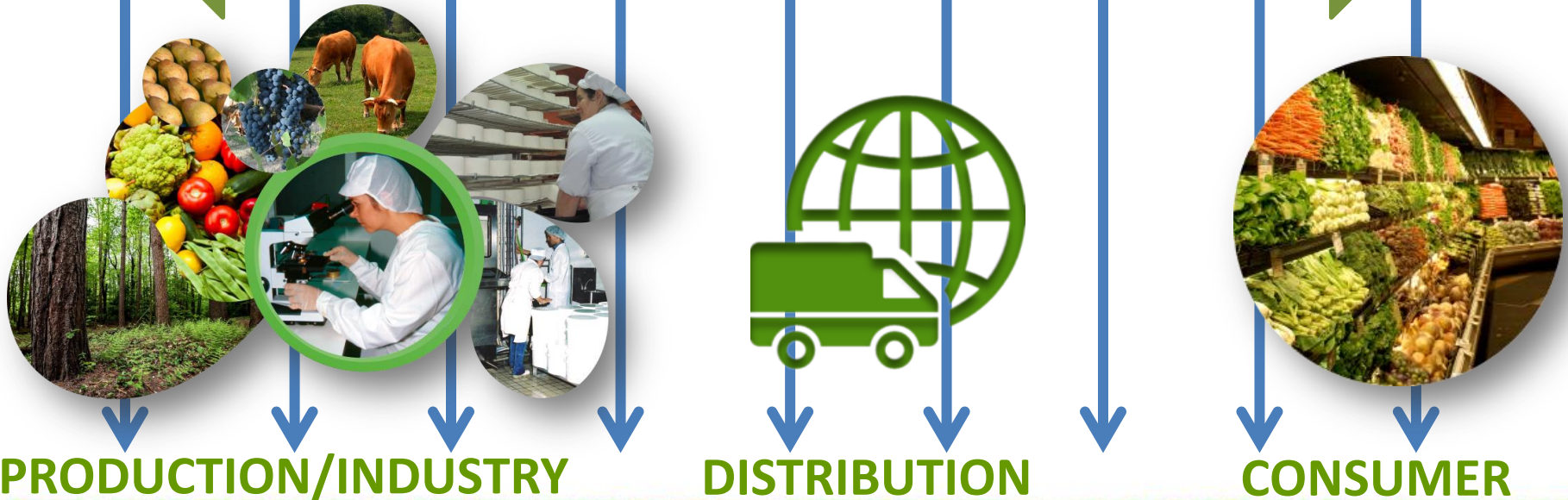
PROCESSING

AVAILABILITY

ACCESS

UTILIZATION

VALUE CHAIN



PRODUCTION/INDUSTRY

DISTRIBUTION

CONSUMER

Outline

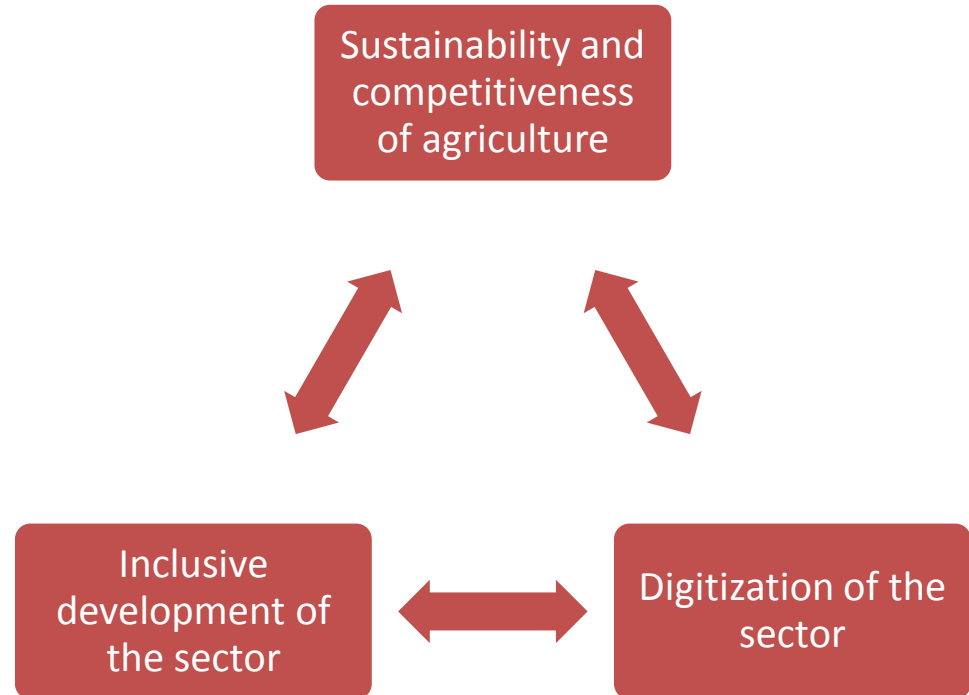
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Impact

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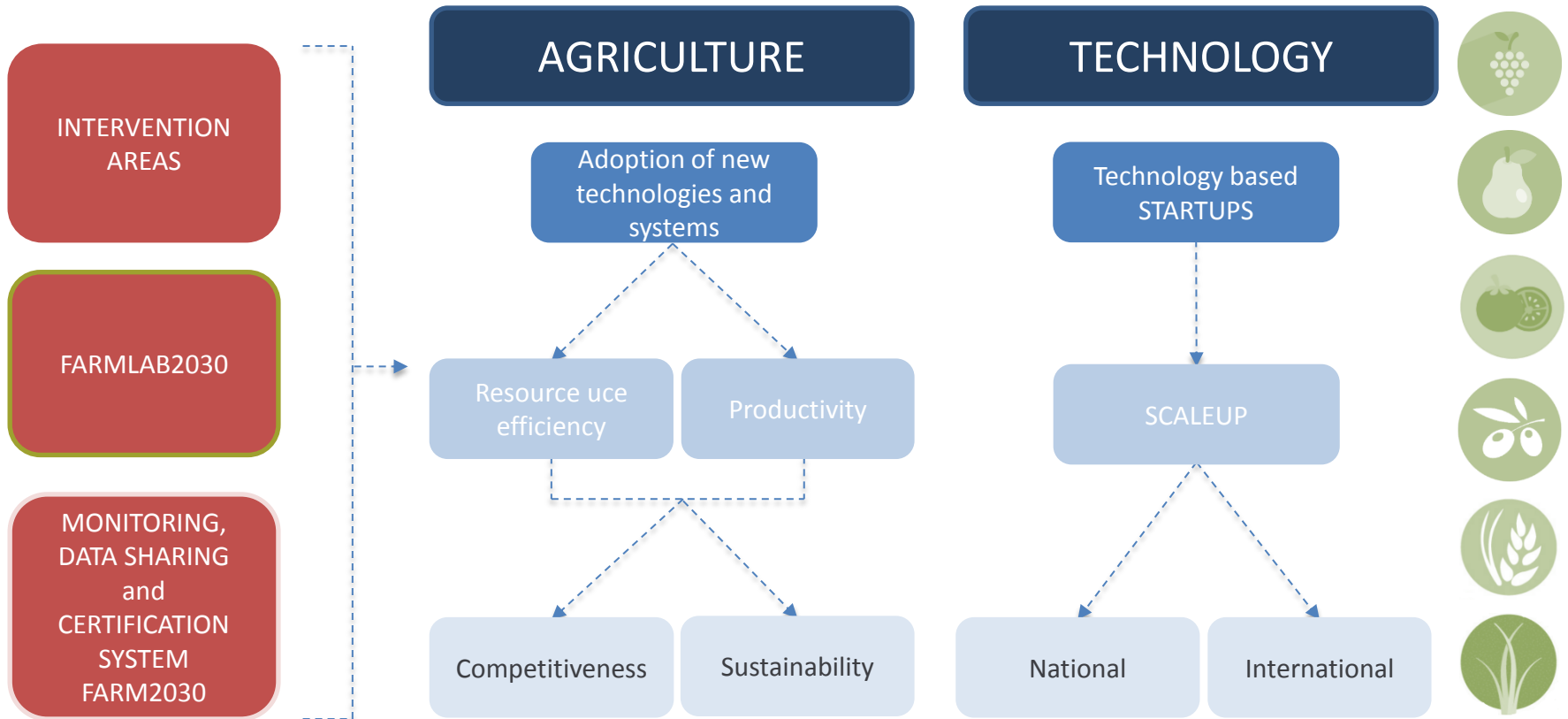


INNOVATION HUBS

- **Research Centers**
- **Qualified Human Resources**
- **Investment Capital**
- **Innovative and Risk Culture**
- **Focus on “client needs”**



HUB MODEL



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MAIN AREAS

Areas

Climate monitoring

New methods to combat crop diseases

Water use efficiency

Conservation of soils

Energy use efficiency

Animal production

Reengineering of production & precision farming



SERVICES

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- ***Broker***
- ***Customized R&D***
- ***Field trials***
- ***Product Validation***
- ***Data management***
- ***Certification***



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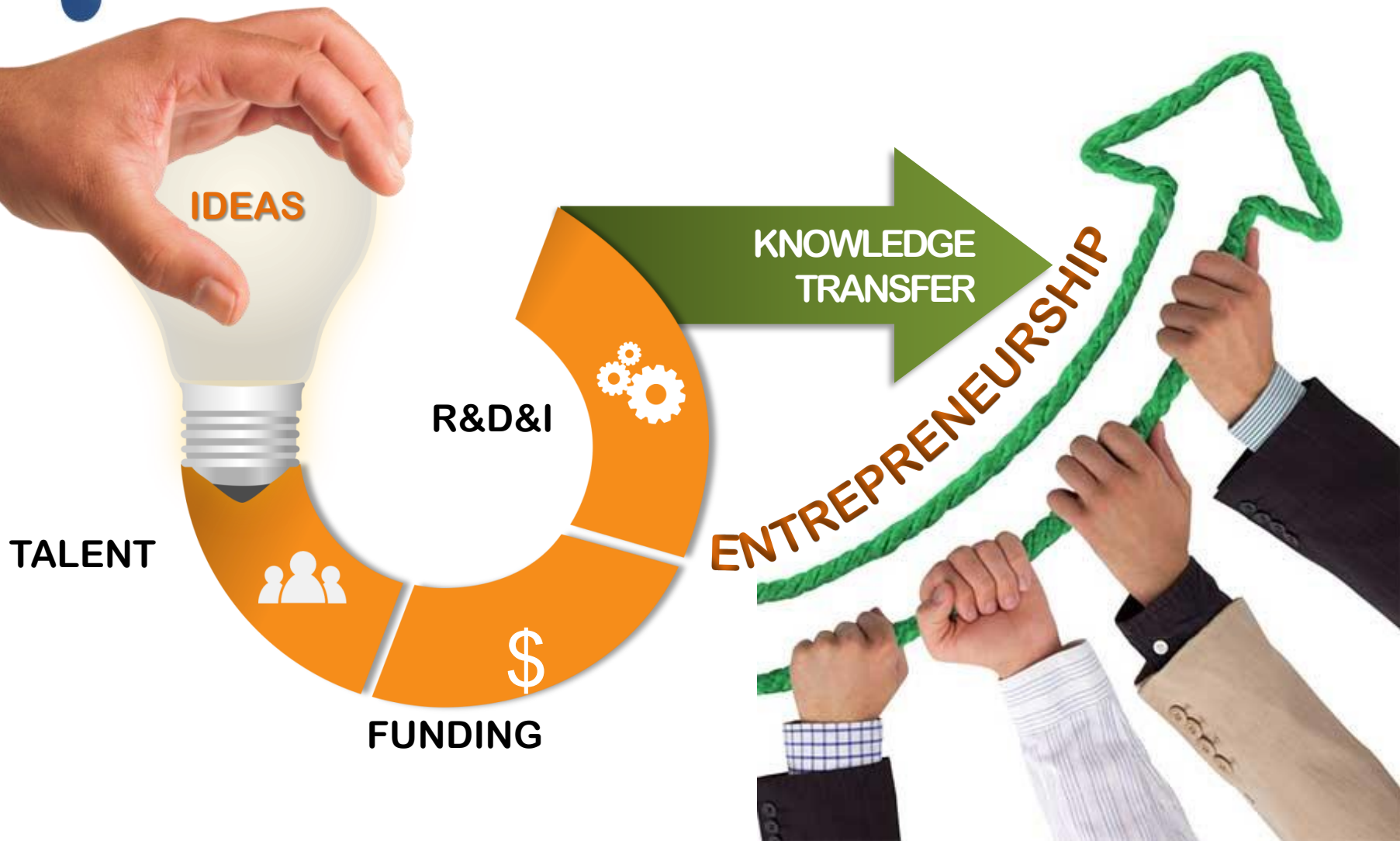
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Current stage – on going projects



STARTUP – SCALEUP





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