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AGRIEU
Agriculture • Food • Sustainability

Fall Semester Course: FAST.0150.
Sustainable Agri-Food Production and Supply Chain
Management

Agri-Food Industry in the EU

Short Introduction

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Call: ERASMUS-JMO-2021-HEI-TCH-RSCH

Topic: ERASMUS-JMO-2021-MODULE

TRENDS



FORCES



PEOPLE

Demographic, income and consumption patterns



TECHNOLOGY

Technological change and innovation in the agri-food sector



ENVIRONMENT

climate change, food waste and scarcity of natural resources.

CHALLENGES



Ensuring agricultural productivity



Conserving land and water resources



Guaranteeing Safe and Healthy Food

TRADE and AGREEMENTS



ECONOMICS of the VALUE CHAIN



INNOVATING FOOD PRODUCTION SYSTEMS



TRANSFORMATION OF THE MARKETPLACE



TOWARDS A GREEN AND DIGITAL AGRICULTURE



Digit

ies and data-based solutions ?

STUDY
Requested by the AGRI committee



Research for AGRI
Committee -
Impacts of the digital
economy on the food
chain and the CAP



Agriculture and Rural Development

Policy Department for Structural and Cohesion Policies
Directorate-General for Internal Policies
PE 629.192 - February 2019

Agricultu

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Development

Farm Data => Decision-making

- Better
- Precise
- Efficient
- Sustainable

**Increase
Farm Performance**

High impact expected

- Internet of Things (IoT),
- Robotization,
- Artificial Intelligence (AI)
- Big Data

**Enhance
ecological
efficiency and
yield increase up
to 30%**