

## SECTION ONE

# AGRO-FOOD VALUE CHAIN

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# PRIMA

PARTNERSHIP FOR RESEARCH AND INNOVATION  
IN THE MEDITERRANEAN AREA



PRIMA is supported under  
Horizon 2020, the European Union's  
Framework Programme  
for Research and Innovation





# Call 2022 Food Value chain Topics

## TOPIC 1.3.1-2022 (IA)

**Alternative protein sources** for the Mediterranean food value chain.  
From production, extraction, processing and marketing, to societal acceptance



DEADLINE FOR STAGE 1 : 15 MARCH 2022

# STRUCTURE

**1 CHALLENGES**

**2 SCOPE**

**3 EXPECTED IMPACTS**





# Topic 1.3.1 (IA) Alternative Protein Sources

## Challenges

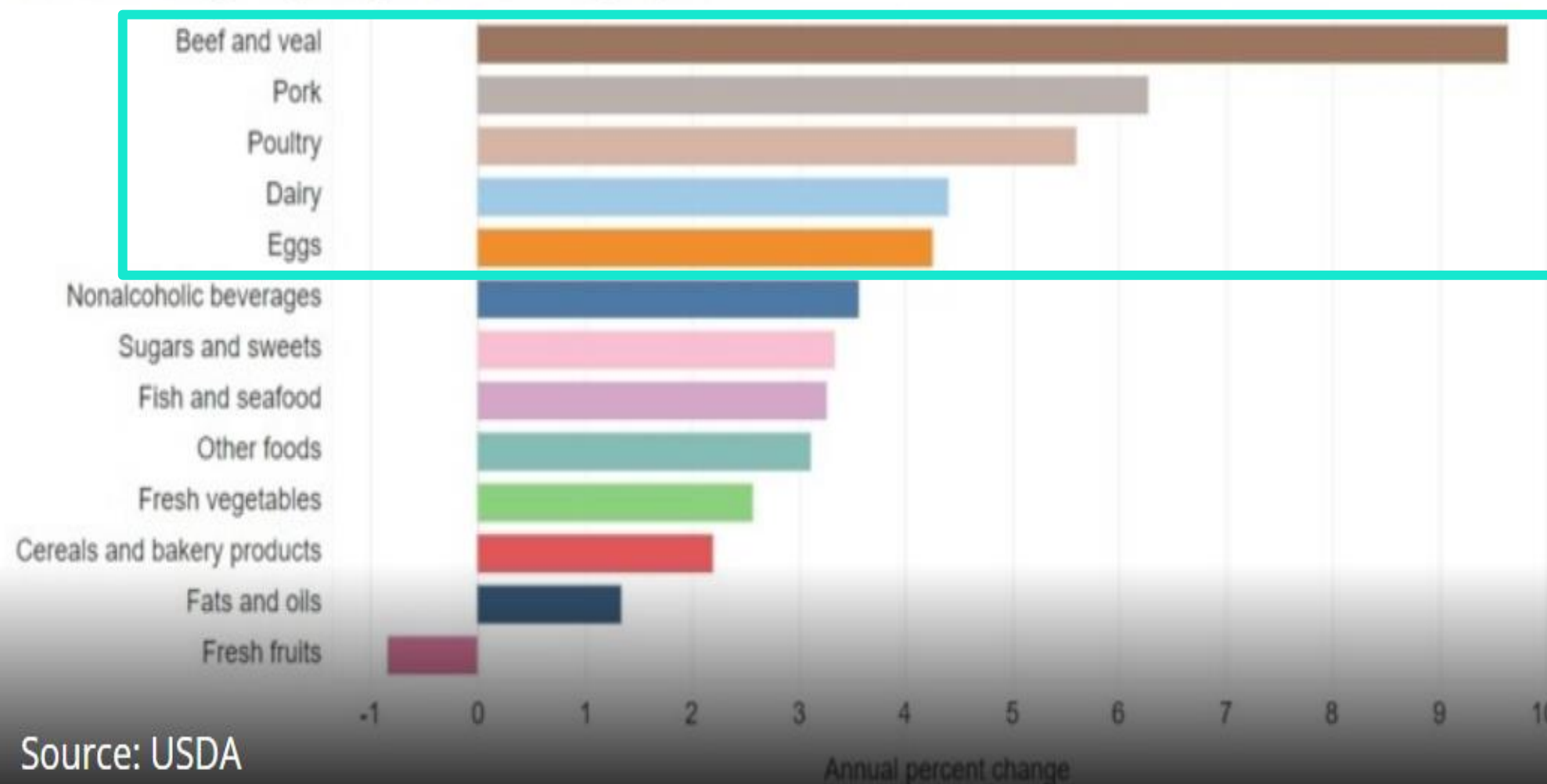
COVID-19  
PANDEMIC

Pandemic & higher food prices fuel  
a sharp rise in global hunger



Environment

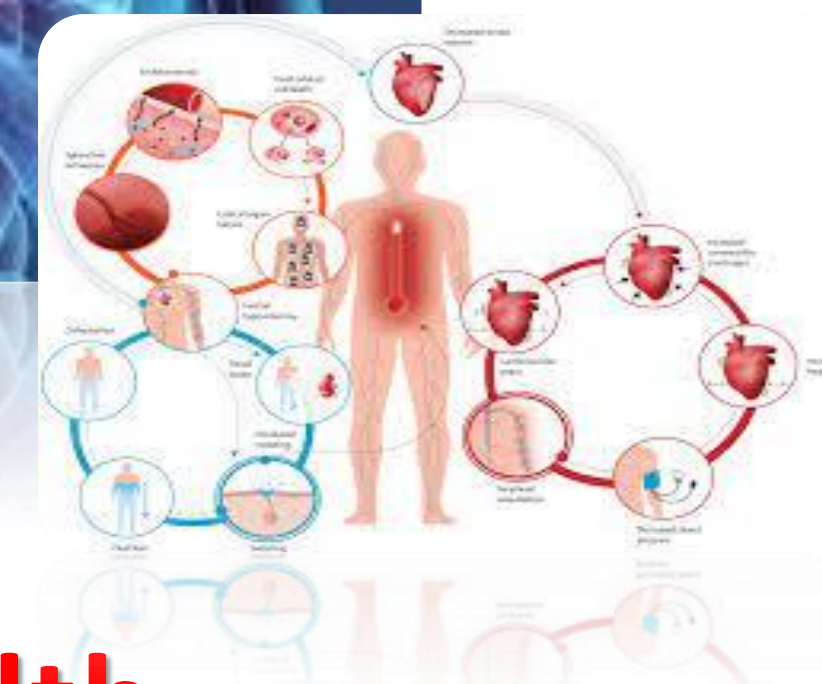
Index change by major food category, 2020



Socio-Economic



Health



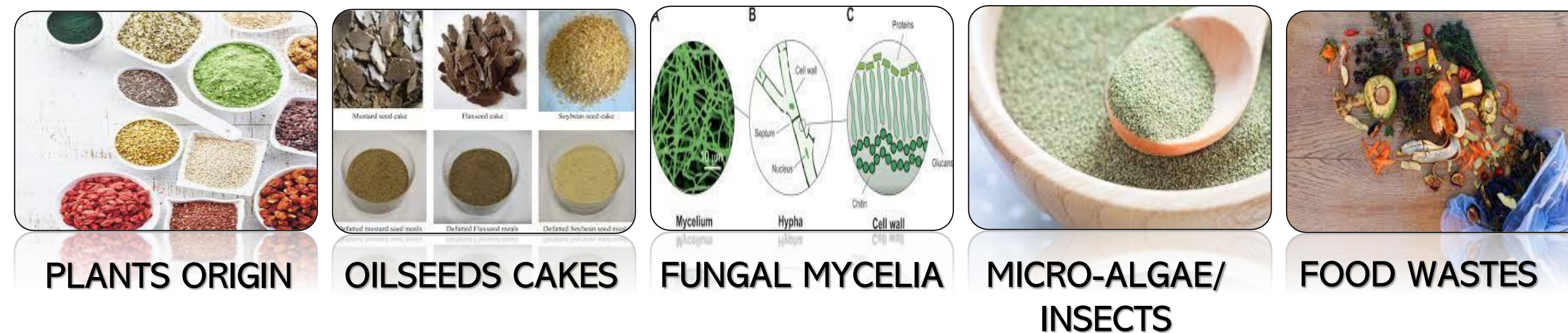
Agrofood Value Chain





# Topic 1.3.1 (IA) Alternative Protein Sources

## Scope

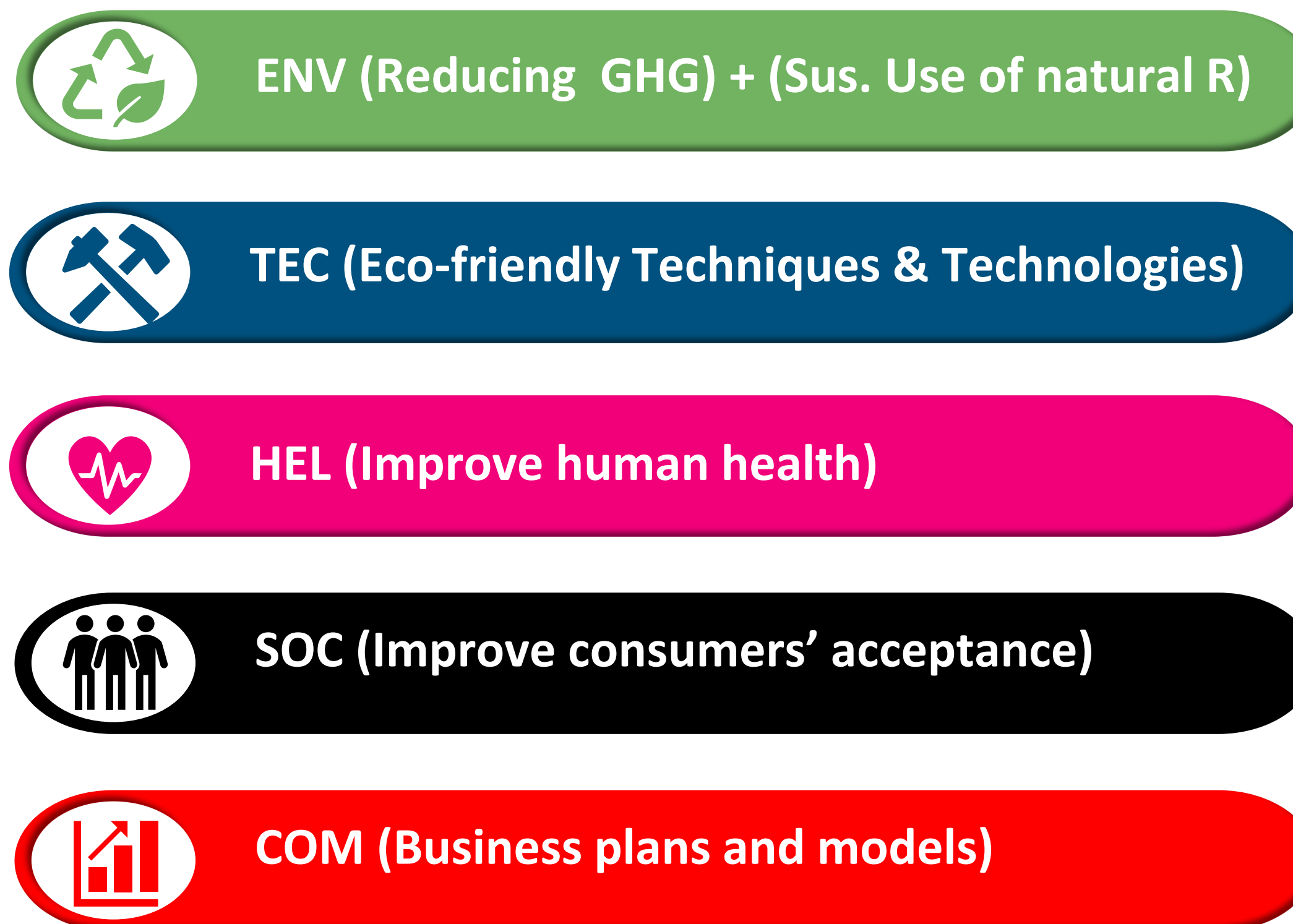
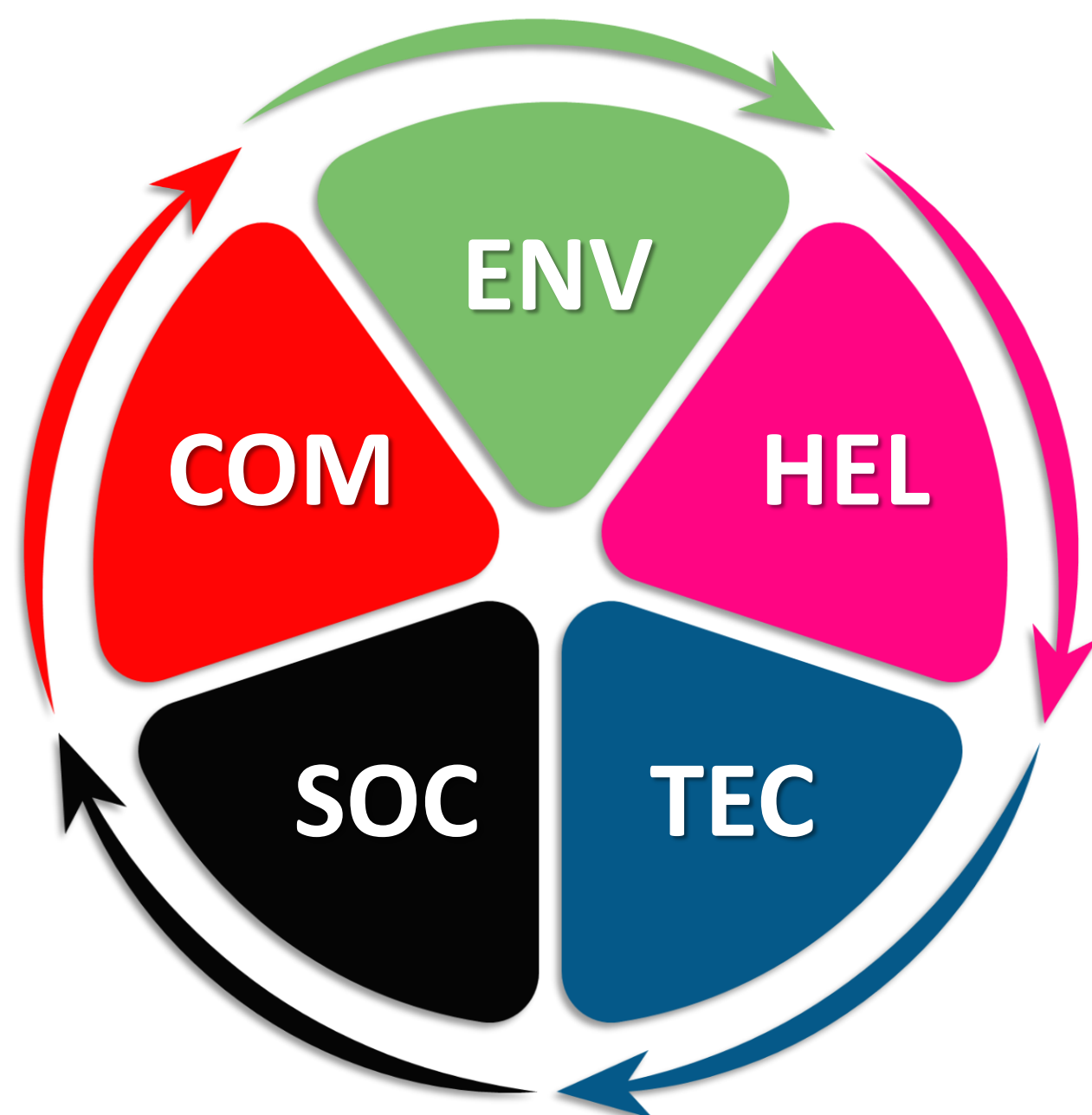






## Topic 1.3.1 (IA) Alternative Protein Sources

### Expected Impacts





## Topic 1.3.1 (IA) Alternative Protein Sources

# Key Performance Indicators

 **# New food products** with enhanced shelf-life, quality, and health-related beneficial properties;



 **# Business models** for quality and sustainability adapted to SME and smallholders;



 **% Carbon and water footprints**, as well as energy consumption per gram of protein



 **% Decrease in Food imports dependency** (%imports/consumption)



 **# Raising Awareness Campaign.**





# Topic 1.3.1 (IA) Alternative Protein Sources

## Links with SDGs



### SDG 2 Zero hunger

**TARGET 2.1** By 2030, end hunger and ensure access by all people;

**TARGET 2.4** By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production,



### SDG 3 Good health and well-being

**TARGET 3.4** By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being;



### SDG 12 Responsible consumption and production

**TARGET 12.2** By 2030, achieve the sustainable management and efficient use of natural resources.

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# Topic 1.3.1 (IA) Alternative Protein Sources

## SRIA Priorities:



**Priority 3.3** Implementation of innovation in the food chain, promoting higher quality, sustainability and competitiveness, with particular reference to smallholders

**Priority 3.4** - Implications of dietary shifts and sustainable diets for the Med populations and food industry

## OPERATIONAL OBJECTIVES

- /6 NUTRITION AND HEALTH.
- /8 NEW FOOD BUSINESS MODELS.





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# THANK YOU

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