



Bioeconomy in Horizon 2020

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F3 – Food, Health and well-being

What is H2020 ?



Europe 2020

Innovation Union

European Research Area

Horizon 2020

Responding to the economic crisis to invest in **future jobs and growth**

Addressing **people's concerns** about their livelihoods, safety and environment

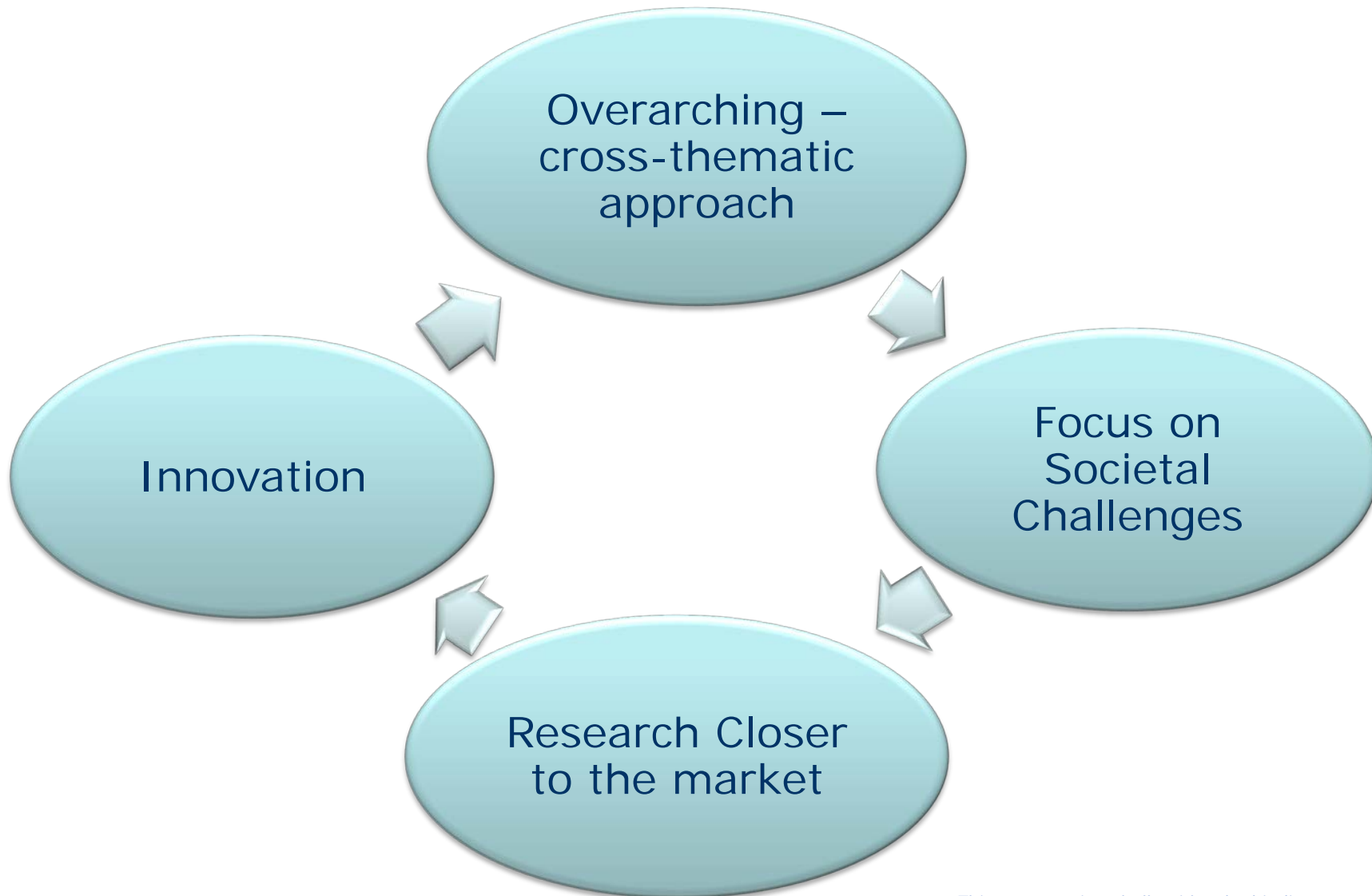
Strengthening the **EU's global position in research, innovation and technology**



H2020 is designed to help **bring ideas to the market**

This presentation shall neither be binding nor construed as constituting commitment by the European Commission

What is H2020 ?



What is H2020 ?



1. Excellent
science

2. Industrial
leadership

3. *Societal
challenges*

What is H2020 ?



1. Excellent science

2. Industrial leadership

3. Societal challenges

1. Health, demographic change and wellbeing

2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy

3. Secure, clean and efficient energy

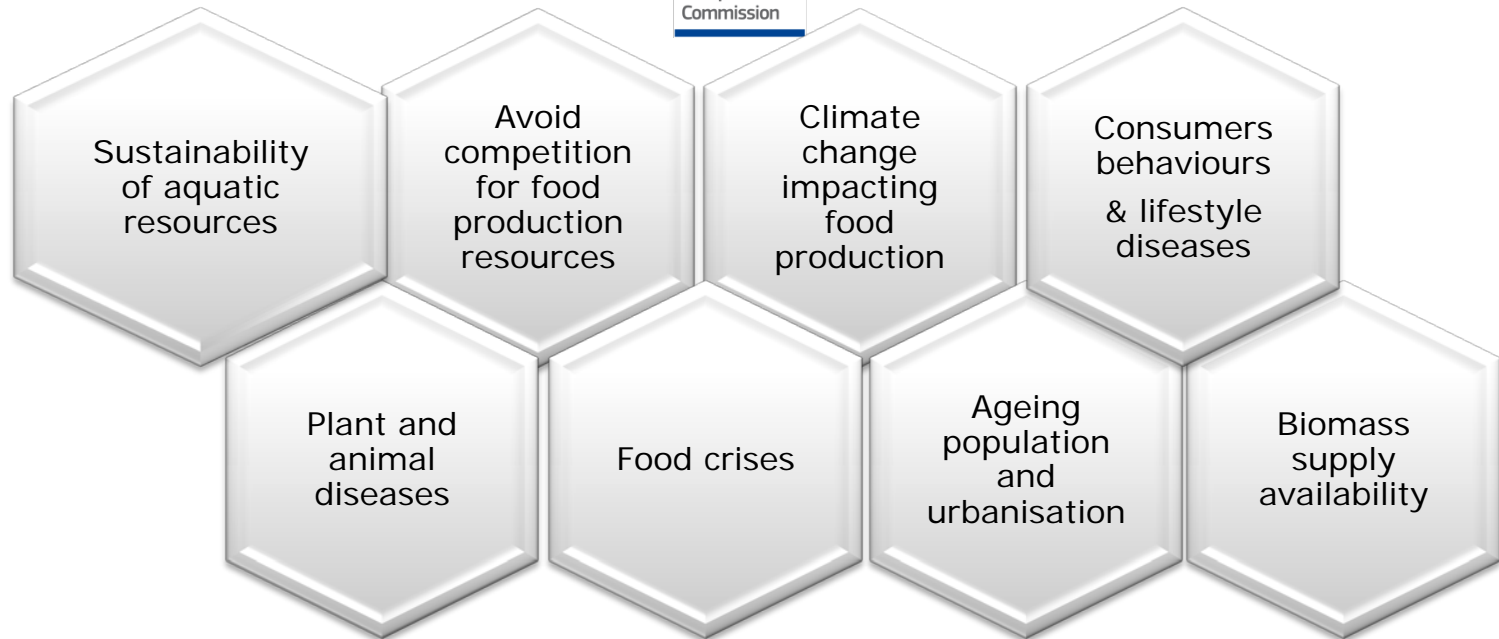
4. Smart, green and integrated transport

5. Climate action, resource efficiency and raw materials

6. Inclusive, innovative and reflective societies

7. Secure societies

Challenges

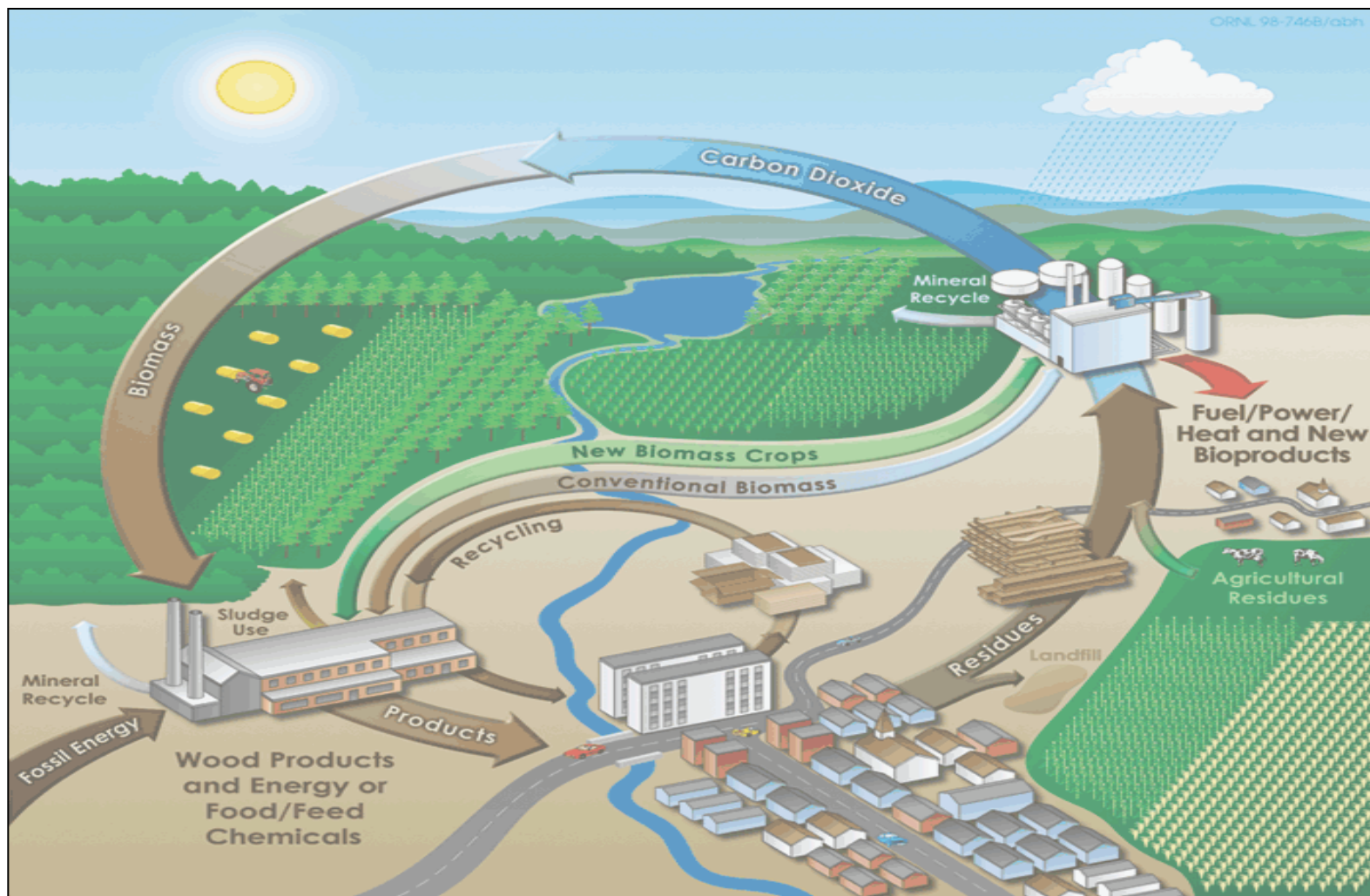


The Bioeconomy: produce significantly more with higher sustainability and implement theory into practice

Support acceptability of new approaches: the contribution of social sciences

A systematic solution-oriented approach with a global dimension

The Bioeconomy



Bioeconomy Strategy and Action Plan



EUROPE 2020

STRATEGY

TACKLING SOCIETAL CHALLENGES

- Ensuring food security
- Managing natural resources sustainably
- Reducing dependence on non-renewable resources
- Mitigating and adapting to climate change
- Creating jobs and maintaining European competitiveness

DEVELOPING A BIOECONOMY

- Coherent policy
- Investment in knowledge, innovation and skills
- Participative governance and informed dialogue with society
- New infrastructures and instruments

ACTION PLAN

INVESTMENTS IN
RESEARCH,
INNOVATION AND
SKILLS



REINFORCED POLICY
INTERACTION AND
STAKEHOLDER
ENGAGEMENT



ENHANCEMENT OF
MARKETS AND
COMPETITIVENESS
IN BIOECONOMY
SECTORS



Societal Challenge 2

- Sufficient supplies of safe and high quality food and bio-based products,
- productive and resource-efficient primary production systems,
- competitive and low carbon supply chains.

**Making the best from our biological resources
accelerating the transition to a sustainable European bioeconomy**

EU Bioeconomy Strategy

Three calls



Sustainable Food Security

- Sustainable food production systems
- *Safe food and healthy* diets and sustainable consumption
- Global drivers of food security

Blue Growth

- Sustainably exploiting the diversity of marine life
- New offshore challenges
- Ocean observation technologies/systems
- Socio-economic dimension - engagement with society

Innovative, Sustainable and Inclusive Bioeconomy

- Sustainable agriculture and forestry
- Sustainable and competitive bio-based industries
- Cross-cutting actions covering all the activities



"Type of Actions / Support mechanisms"

RIA: *Research & Innovation Action*

IA: *Innovation Action*

Prototyping, testing, demonstrating, piloting,...

May include limited R&D activities

CSA: *Coordination & Support Action (less to no R&D)*

SME instrument: *3-phase instrument (feasibility study, innovation project, indirect support for commercialisation)*

Further information about H2020?



- **NCP network** (National Contact Points)

- **Participant Portal**

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

- **Learn more about Horizon 2020**

<http://ec.europa.eu/horizon2020>



Thank you for your attention!

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