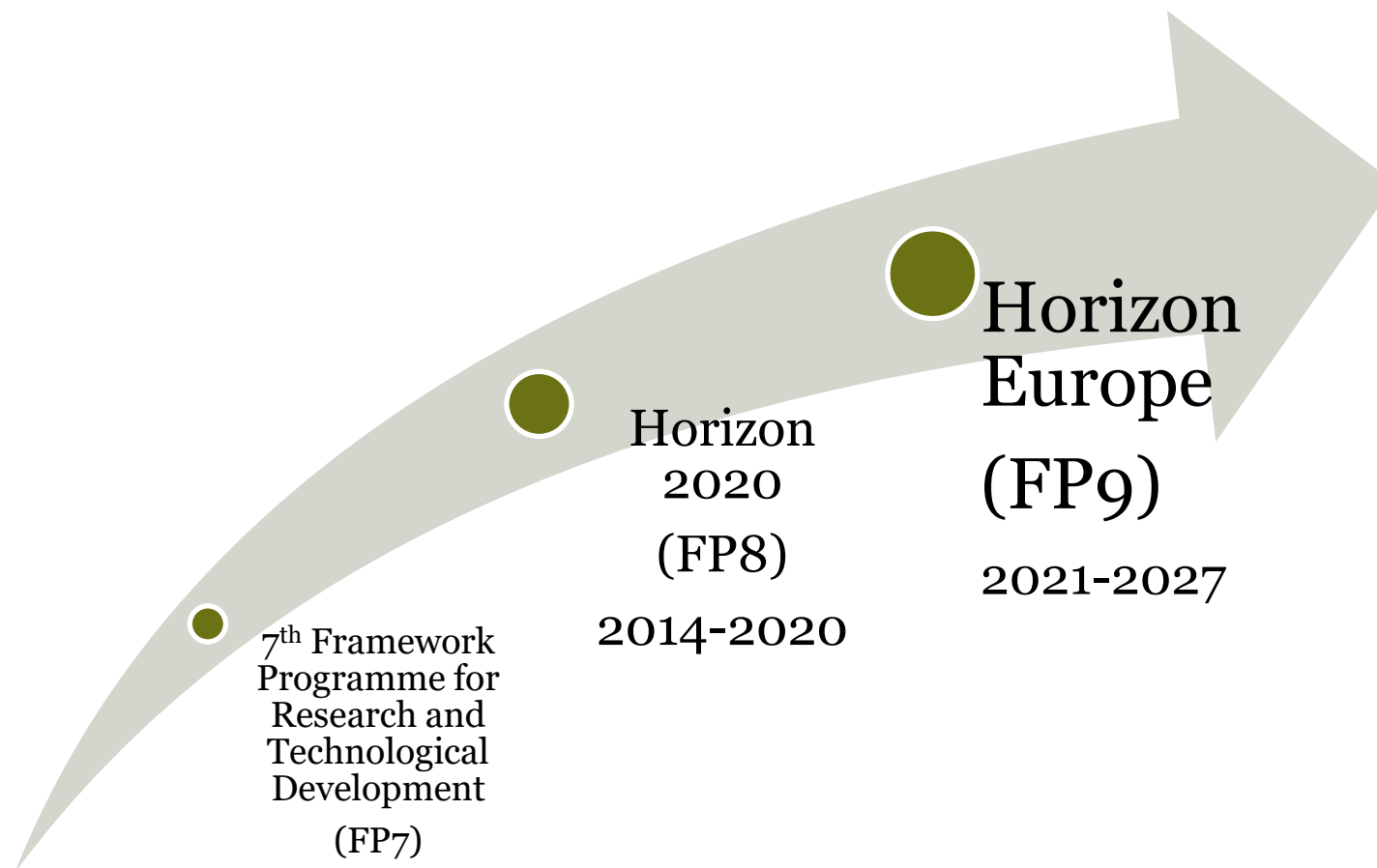


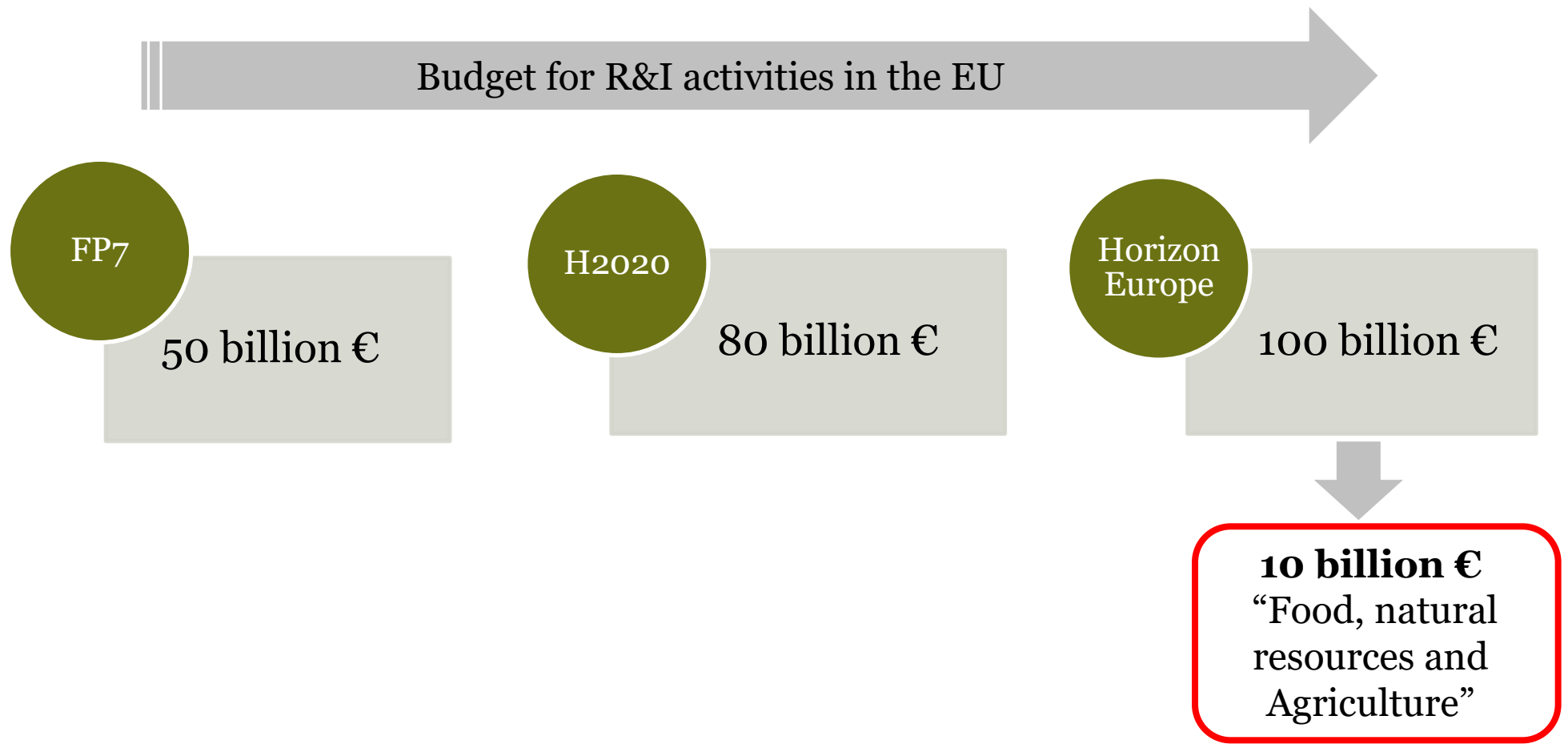
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The united voice of farmers and their
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Evolution of R&I activities in the EU



Evolution of Budget for Research and Innovation



Challenges related to R&I in the beef sector

Challenges

- Environmental impact
- Climate change adaptation and mitigation
- Animal health and welfare
- Antimicrobial resistance
- Improving the quality reducing the inputs

PRIORITIES

R&I priorities for the beef sector

Have farmers on-board of the projects (multi-actor approach)

Improving the quantity and consistency of yields for animal feed purposes

Less energy inputs through the development of new on-farm technologies for animal housing

Better management and optimization of working hours and number of employees

On-farm tools for a quick and early diagnosis and control of diseases

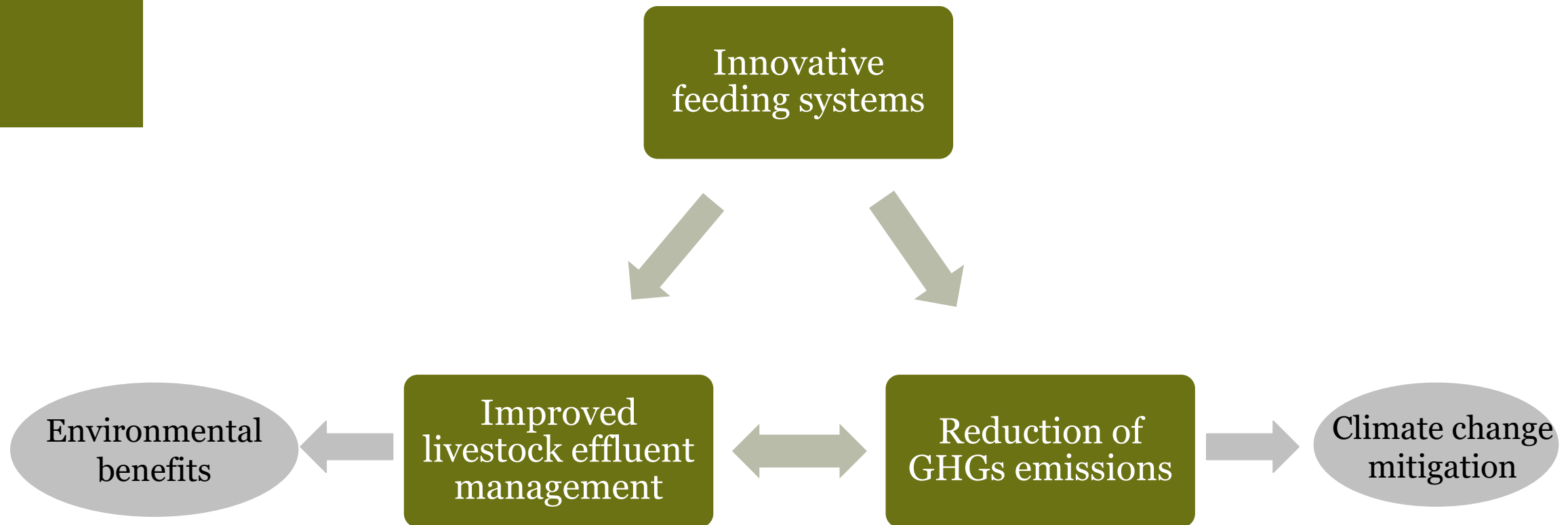
Improved research activities on infection pathways and develop vaccines

Optimisation of production costs through the use of new technologies

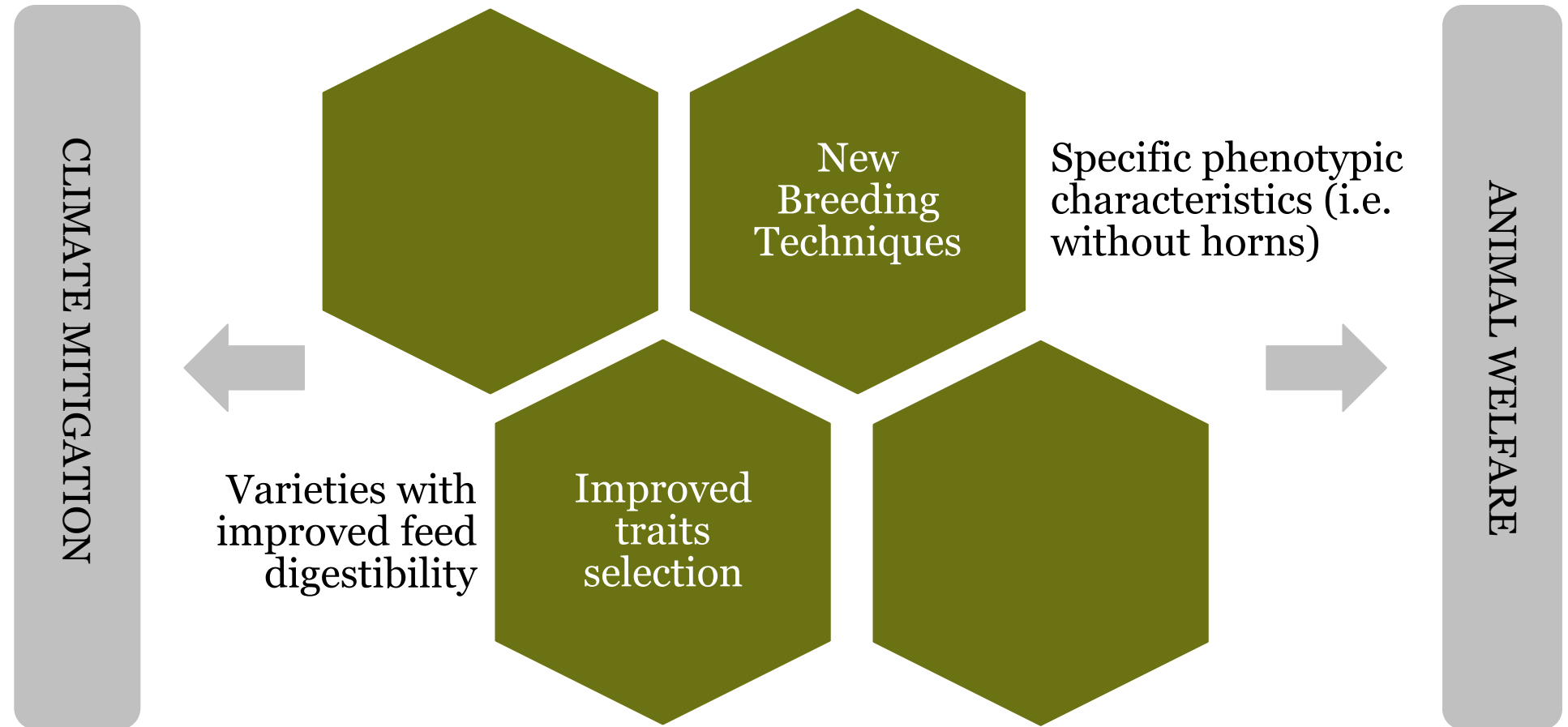
labour, feed and energy costs

better management tools for farm inputs and production costs

R&I priorities for the beef sector – focus on feed management



R&I priorities for the beef sector – focus on genetic management



H2020 PROJECTS

INNOSETA

SMARTCHAIN

SmartAgriHubs

DISARM

INNOSETA

- **Thematic Network** on Spraying Equipment, Training and Advising
- Researchers, industry, extension services and **farming community** are involved
- Focus on most commonly used crops in Europe: cereals, vegetables, orchards, vineyards and greenhouses
- **7 national innovation hubs** linked with international interactive workshops.
- 36 months duration – started in May 2018



INNOVATIVE SPRAYING EQUIPMENT TRAINING ADVISING

SMARTCHAIN

- Introduce new robust business models and innovative practical solutions that enhance competitiveness of the **short food supply chain**.
- SMEs, farmers and researchers are part of the consortium as full members.
- **Comparative analysis** of the examples provided by the **18 SMEs** → provide **policy recommendations** for foster short food supply chain.
- **9 innovation hubs** will be established in the countries taking part of the project (7 EU and 2 associated countries).



- 36 months duration – started in September 2018

SmartAgriHubs

- Consolidate and foster an European-wide network of **Digital Innovation Hubs (DIH)** and **Competence Centers (CC) for agriculture**.
- DIHs and CCs aim to exchange and create **pan-European markets for digital solutions** for farming and food production.
- Expertise, test infrastructures, ideas, funding solutions are available in CCs and DIHs.
- **Ecosystem** in which **any business** can get access to the **last knowledge, expertise and technology** to test and experiment with digital technology relevant to its products or business models.

DISARM

Thematic network focused on developing a network to link together farmers, veterinarians, advisors, industry members and researchers.

Aim to promote best practice strategies to **reduce antibiotic resistance** in intensive and grazing **livestock farming**.

Duration 36 months – start in 2019.



Next H2020 calls (deadline 23/01/2019)

SFS-08-2018-2019 (IA) – 6 mln €

- Improving animal welfare – precision livestock farming

SFS-08-2018-2019 (RIA) – 6 mln €

- Anti-microbial and animal production – alternatives to anti anti-microbials
- Two stages project

LC-SFS-17-2019 (IA) – 32 mln € (4 projects)

- Alternative proteins for food and feed

CE-RUR-08-2018-2019-2020 (IA) 8 mln €

- Closing nutrient cycles – bio-based fertilisers from animal manure

SFS-31-2019 (ERANET) – 5 mln €

- ERANETs in agri-food – International veterinary vaccinology



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