## Implementation of Second Pillar of CAP in Bulgaria

# SUPPORT FOR INNOVATION AND DIGITALIZATION IN AGRI SECTOR

European agricultural fund for rural development: Europe investing in rural areas









#### MAIN ACTORS (PUBLIC ENTITIES), INVOLVED IN CAP IMPLEMENTATION





https://www.mzh.government.bg/en/

Ministry of agriculture, food and forestry Sofia, 1040 Hristo Botev Blvd. 55 ++359/2/985 11 473 Fax: ++359/2/9817955 E-mail: <u>press@mzh.government.bg</u> State Fund Agriculture (Paying agency)



https://www.dfz.bg/en/

State Fund Agriculture 136 Tzar Boris III Blvd, Sofia 1618 02/81-87-100, 02/81-87-202 E-mail: <u>dfz@dfz.bg</u> National agriculture advisory service



https://www.naas.government.bg/en/

National Agricultural Advisory Service/NAAS/ BULGARIA Sofia, 1331 Bansko Shosse No.7 Phone: ++359/ 2/ 8 100 988 Fax: ++359/ 2/ 8 100 992 E-mail: office@naas.government.bg Agriculture academy

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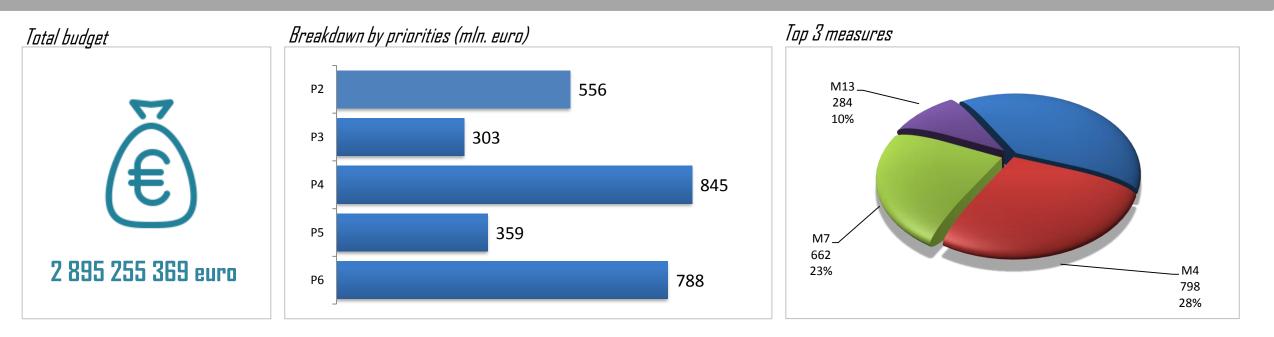


https://www.agriacad.bg/en/

Agriculture academy Sofia, 1373 Suhodolska str. № 30 ++359 2 812 75 05 E-mail: <u>ssa@agriacad.bg</u>

#### RURAL DEVELOPMENT PROGRAMME 2014-2020 IMPLEMENTATION







#### **RDP 2014-2020 MAIN INNOVATION INSTRUMENTS**



**Rural Development Programme 2014-2020 Innovation strategy for smart specialization 2014-2020** 798 mln. € Enhancing the competitiveness and sustainability of the (28 % of agri-food sector through investments in new Investments in physical assets (measure 4) total RDP technologies, innovation and digitalization budget) Improve high-speed internet connection Broadband in rural areas (submeasure 7.3) 40 mln. € in rural areas Operational groups (EIP) (submeasure Connecting Research and Practice in Agriculture and 20 mln. € 16.1) Rural Areas to promote interactive innovations



23 .....

European

Commission



#EUBudget #FutureofCAP

DESI 2020 (EC) Last

place in EU on

Integration of digital

technologies, e-

commerce index,

2020

#### MAIN OUTCOMES (SWOT ANALYSIS/STRATEGIC PLAN 2021-2027)

Need for introduction of new technologies, innovations and digitalization in agricultural activity

Adopted Strategy for digitalization of agriculture and rural areas of the Republic of Bulgaria Strong need to improve the effectiveness of AKIS to promote interactive innovation through different forms of cooperation

Insufficient technology development and low level of innovation in all agri sectors



#### IDENTIFIED NEEDS IN THE STRATEGIC PLAN (2021-2027)



Specific objective № 2: Enhance market orientation and increase competitiveness, including greater focus on research, technology and digitalization

- ✓ Implementation of innovations and digitalization in sustainable agricultural holdings;
- Restoring the connection between science and practice by encouraging different join actions;
- ✓ Acceleration of modernization and technological renewal of small and medium farms.

Cross-cutting objective: Modernizing the sector by fostering and sharing of knowledge, innovation and digitalization in agriculture and rural areas, and encouraging their uptake

- ✓ Strengthening the links between AKIS actors to encourage knowledge transfer and innovation;
- ✓ Improving the professional qualification of entrepreneurs and employees in the agricultural sector by adapting the forms of knowledge transfer to the sectoral specifics;
- ✓ Encouraging different forms of cooperation (EIP) to find innovative problem solutions and to disseminate the results among stakeholders;
- ✓ Support for the implementation of digital technologies for farm management and optimization of production and administrative processes at the holdings.

#### PROPOSED INTERVENTIONS TO ADDRESS THE SPECIFIC NEEDS

# Investments in agriculture holdings

- Effective irrigation
- Renewable energy use
- Smart management
- Innovative machinery
- Energy efficiency

# Investments in digitalization

- Precision farming
- Robotics farming
- IoT integration
- Digital data use
- Digital Marketing

Cooperation (European innovation partnership)

- Plans/Studies
- Running costs
- Animation
- Direct costs
- Promotion activities



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