



AKIS IN LITHUANIA

DARIUS LIUTIKAS

**HEAD OF THE DIVISION OF
THE SCIENCE AND INNOVATION**

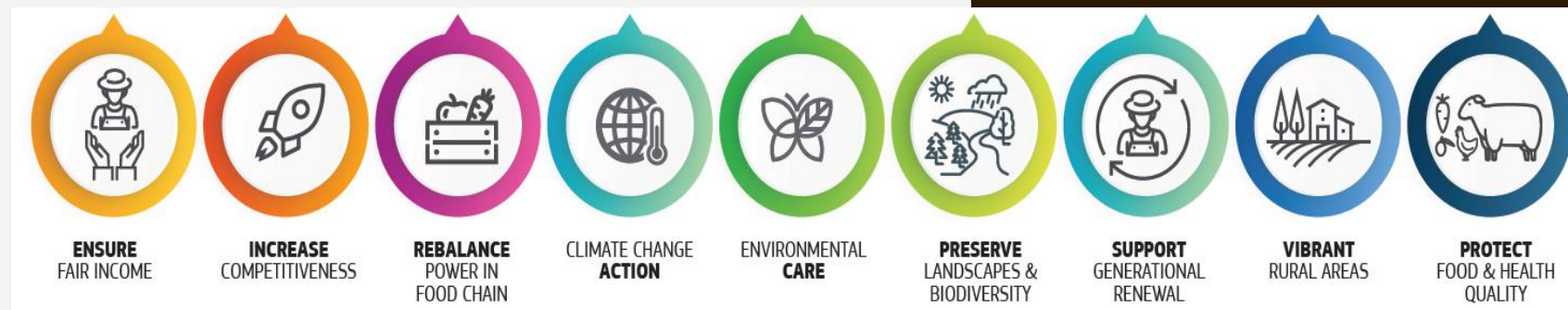
**MINISTRY OF AGRICULTURE OF THE
REPUBLIC OF LITHUANIA**

KAUNAS 2019 11 19

✓ **3 general objectives** (*smart agriculture, environmental care and climate action, socio-economic fabric of rural areas*)

✓ **9 specific objectives:**

CAP – 2021-2027



✓ **From compliance based to result based CAP** (*indicators*)

✓ **National CAP strategic plans, approved by the Commission** (*single strategic document*)



- (a) support **viable farm income** and **resilience** across the Union to enhance food security;
- (b) enhance market orientation and increase **competitiveness**, including greater focus on research, **technology and digitalisation**;
- (c) **improve the farmers' position** in the value chain;
- (d) contribute to **climate change** mitigation and adaptation, as well as **sustainable energy**;
- (e) foster sustainable development and **efficient management of natural resources** such as water, soil and air;
- (f) contribute to the protection of **biodiversity**, enhance ecosystem services and preserve habitats and landscapes;
- (g) attract **young farmers** and facilitate business development in rural areas;
- (h) promote **employment, growth**, social inclusion and local development in rural areas, including **bio-economy** and sustainable forestry;
- (i) improve the response of EU agriculture to societal demands on food and health, including safe, nutritious and **sustainable food, food waste**, as well as **animal welfare**.

SPECIFIC OBJECTIVES

Main principles:

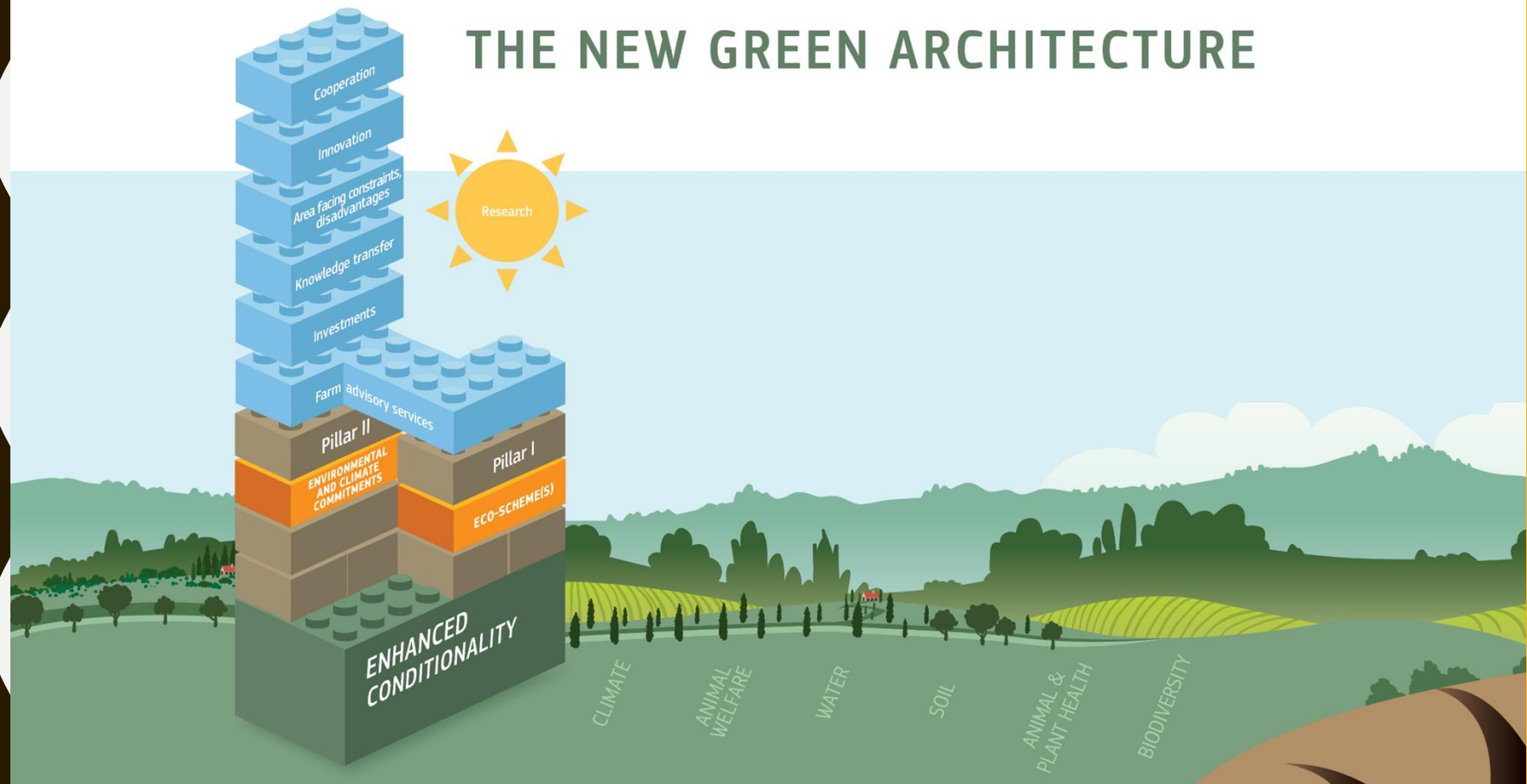
- **Investment in knowledge and innovation** (enable farmers and rural communities to benefit from it)
- The main instrument - **European Innovation Partnership** (via the support of bottom-up innovation projects carried out by operational groups)
- Focus on **knowledge exchange**, in which all actors are interactively involved in the process.
- Benefit from the **EU's Horizon Europe** research programme to support specific research and innovation in food, agriculture, rural development and the bio-economy (transnational projects)
- **Synergies established between Horizon Europe** (with transnational projects) and the CAP (with projects at regional / local level and the CAP networks)
- The establishment of the **Agricultural Knowledge and Innovation System** which aims to accelerate the uptake of innovative practices among all actors in rural areas.

KNOWLEDGE AND INNOVATION

Fostering knowledge, innovation and digitalisation in agriculture and rural areas is a cross-cutting objective.

KNOWLEDGE AS THE PART OF THE GREEN INFRASTRUCTURE

THE NEW GREEN ARCHITECTURE



Key players in national AKIS:

- Ministry of Agriculture;
- PI Lithuanian Agricultural Advisory Service (LAAS);



AGRICULTURAL KNOWLEDGE AND INNOVATION SYSTEMS (AKIS)

1) whole knowledge exchange system (the ways people and organisations interact within a country or a region).

2) include farming practice, businesses, authorities, research, etc.

3) Systems approach - AKIS, technical, organisational and social dimensions should be taken into account.

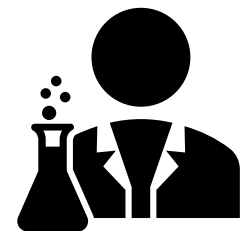
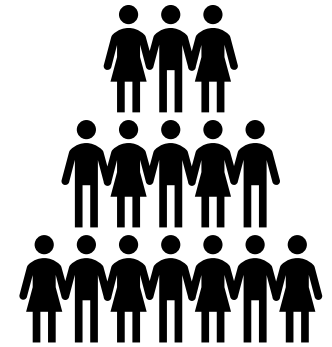
CAP AND AKIS

- The farm advisory services (article 13),
- The CAP Networks (art. 113)
- The EIP-AGRI (art. 114)

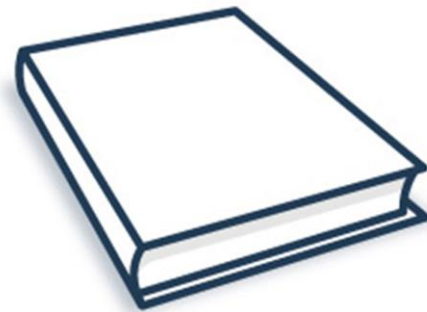
join contribution on
knowledge exchange and information (art. 72)
cooperation (art. 71).

CAP STRATEGIC PLAN

- Will define how each country proposes to meet the overall CAP objectives, a cross-cutting objective, related to knowledge and innovations and its own specific needs.
- Each country's CAP Strategic Plan will have to present a specific national AKIS strategy in CAP Strategic Plans, which will promote the structuring and organisation of the national innovation ecosystem.



White Paper on Rural and Agricultural development in Lithuania



PILLARS:

1) SMALL AND MEDIUM-SIZED FARMS

2) LARGE FARMS AND OTHER LARGE AGRICULTURAL ENTITIES ENGAGED IN AGRICULTURAL ACTIVITIES

3) BUSINESS IN RURAL AREAS

4) RURAL COMMUNITIES

Connections:

- 1) The EU and national support funds
- 2) **Counseling and training** will help the Lithuanian farmers and entrepreneurs to learn about innovations and their application, new management methods. Ideally, counseling should create synergies with the granted EU investment support and reach every farmer or entrepreneur in rural areas of Lithuania.
- 3) Reduction of the administrative burden of the control bodies
- 4) Increase of consumption of the Lithuanian products

ACTIONS OF THE WHITE PAPER

- To disseminate information on the possibilities and prospects of introduction of research-based innovations in farms and rural areas.
- To promote cooperation between farmers and researchers and consultants.
- To support the projects of creation, introduction and dissemination of the results of agricultural innovation researches and innovations in farms, food industry and rural areas.
- To set up new demonstration farms or develop the existing demonstration farms in separate regions of the country.

CAP STRATEGIC PLAN IN LITHUANIA

AKIS in Strategic Plan



Four main groups of actions



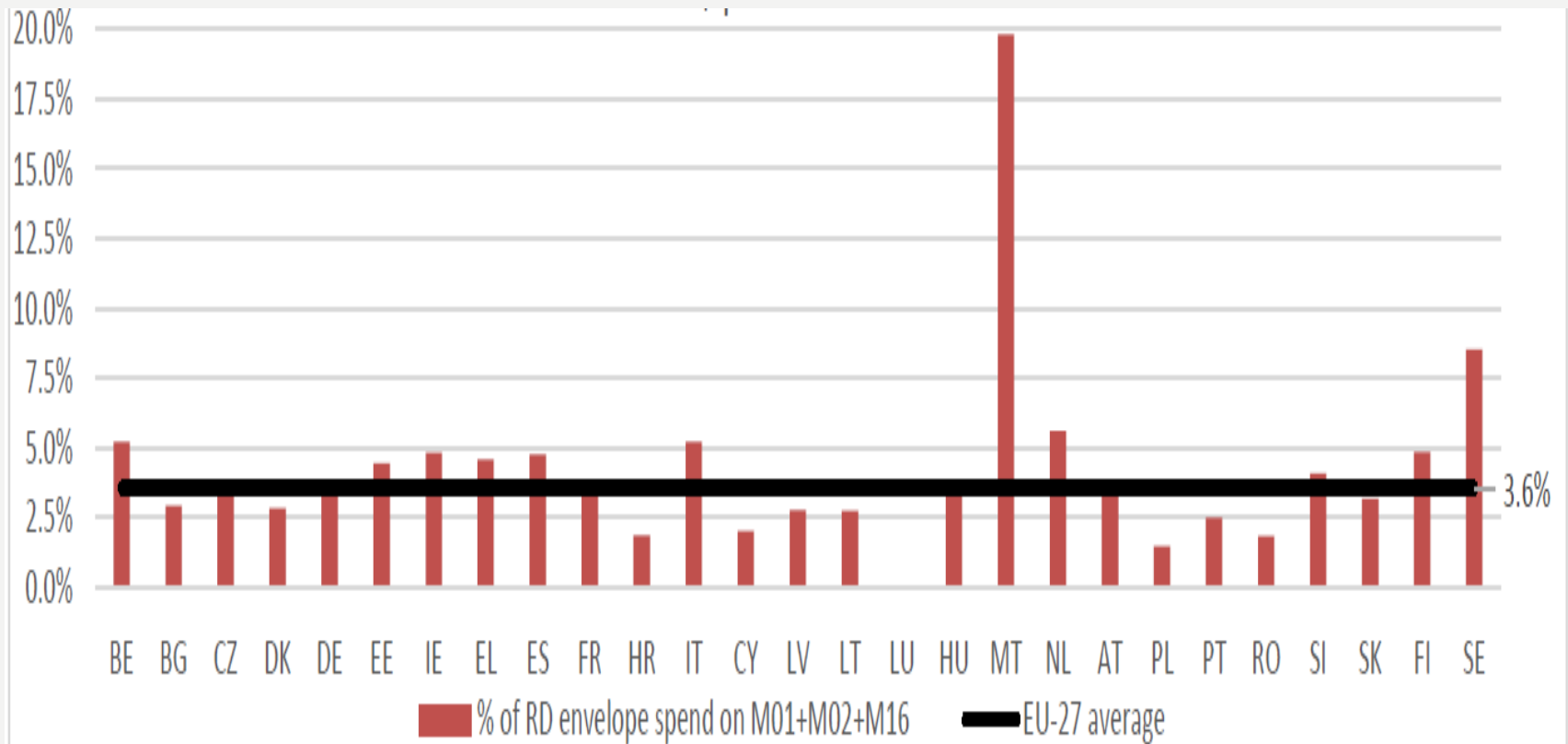
**Strengthening links
between research and
practice**

**Strengthening farm advisory
services within the AKIS**

**Boosting interactive
innovation**

**Supporting digital transition
in agriculture**

BUDGET FOR M01, M02 AND M16



Source: MS notification in SFC

THE PROJECT “GATE OF INNOVATIONS”

- The first LAAS project under EIP call of RDP 2014-2020.
- The biggest part of investments was in infrastructure.
- “Soft part”: a network of experimental farms was created, groups of researchers were consolidated for work in projects.
- A numerous project team: the project was implemented by 13 researchers from 3 institutions, 8 experimental farms and 21 specialist from LAAS during a period of 3 years.

EXPERIENCE

„Gate of Innovation“ creates an interactive system of cooperation between farmers, advisers, researches and experimental farms.



SCAR

an **AKIS**

Agricultural Knowledge
and Innovation Systems