

PostDoc
Latvia



AREI

ORGANIC AGRICULTURE AND RESEARCH IN LATVIA

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21.04.2023., maija.usca@arei.lv*



Valsts izglītības
attīstības aģentūra

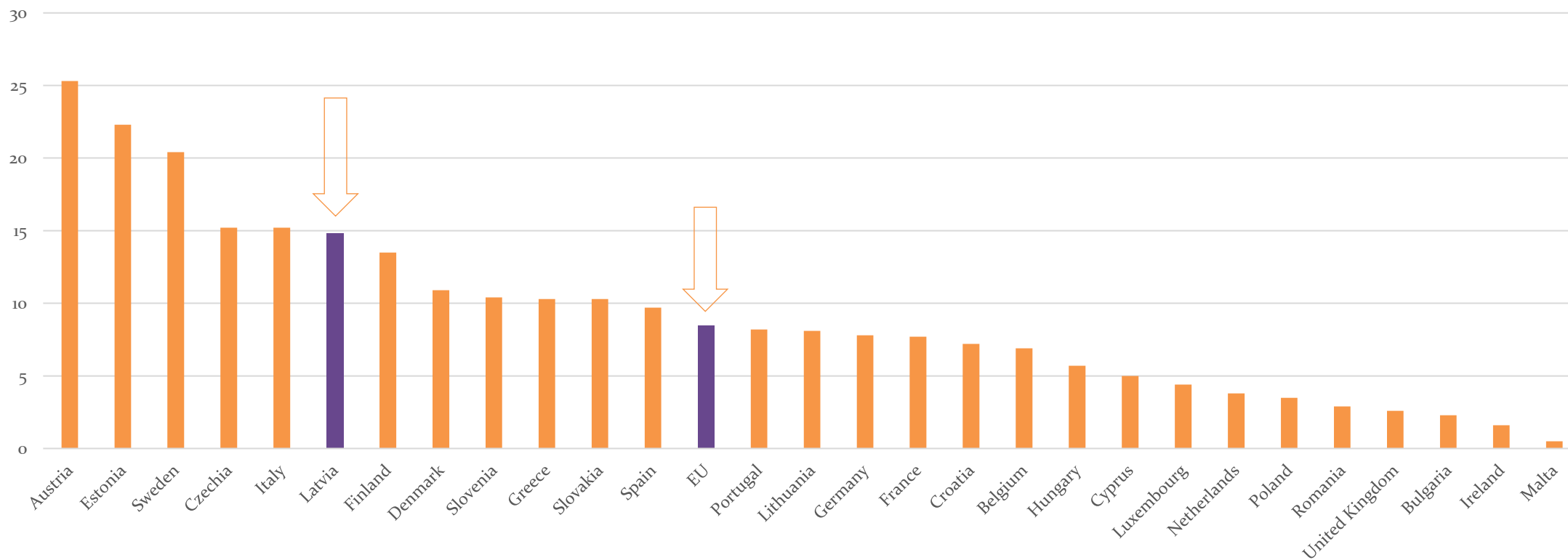
NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Eiropas Reģionālās
attīstības fonds

«Organic Farming and New Food Values – Drivers to Sustainable and Resilient Food Systems»,
(1.1.1.2/VIAA/4/20/682),

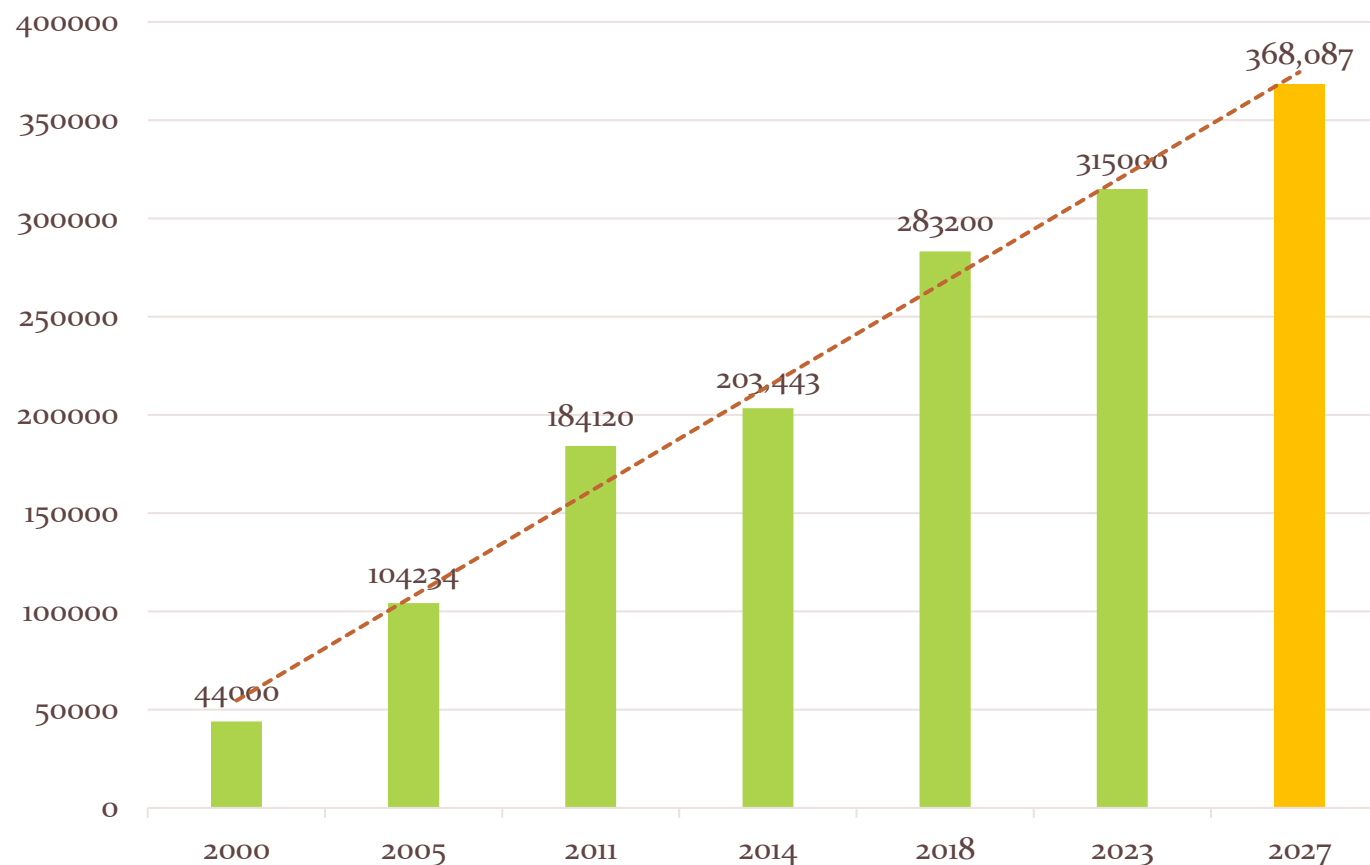
Organically managed land in EU, 2020, %



Source: Eurostat

A growing sector in Latvia

- ✓ **4 500** organic operators
- ✓ Organic farmland – **315 000 ha** (16% of total agricultural land)
- ✓ +Wild collections – **733 000 ha**



Organic agriculture production in LV, 2020



Organic agriculture production in LV, 2020

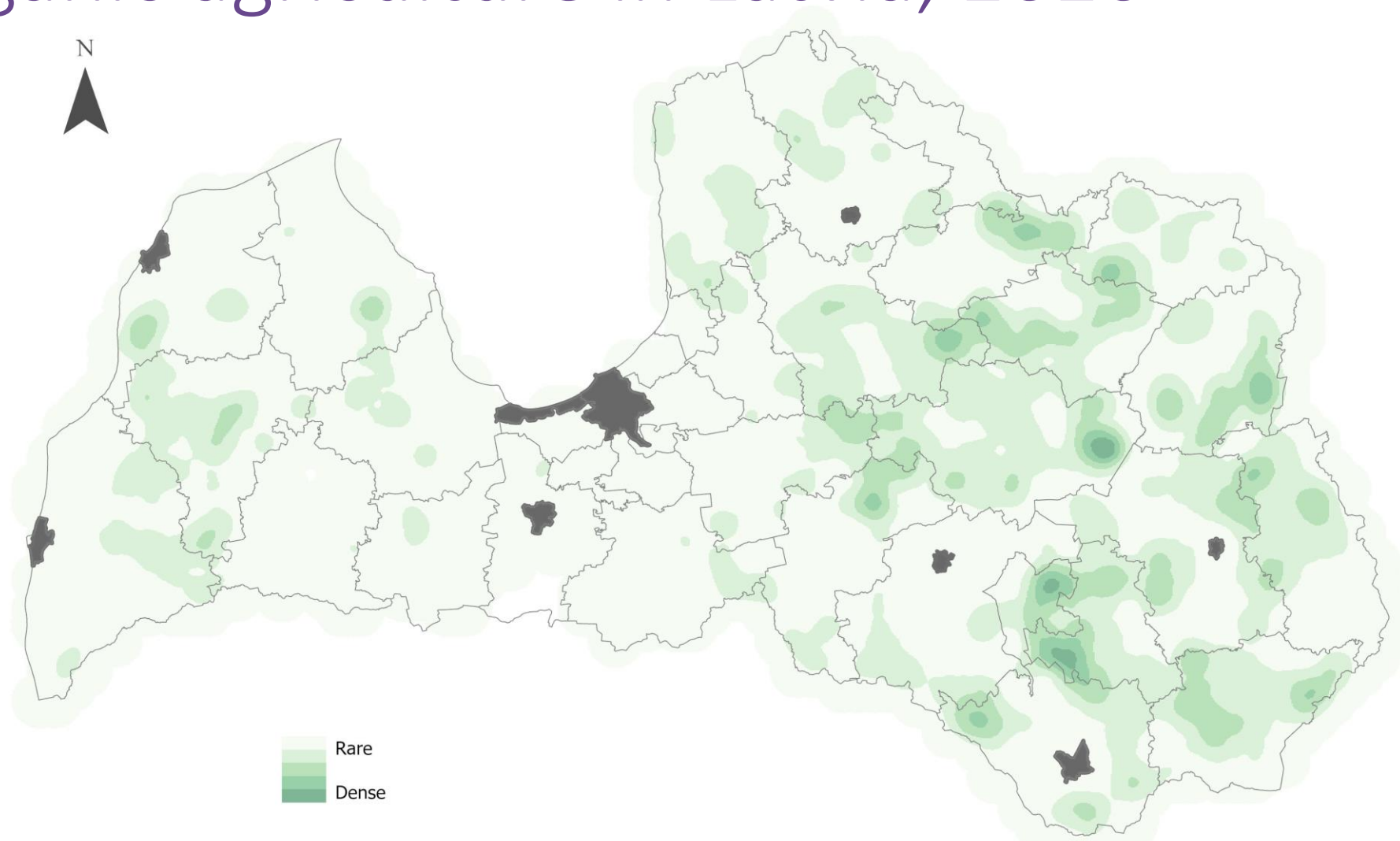


Source: AREI unpublished material

Organic agriculture production in LV, 2020



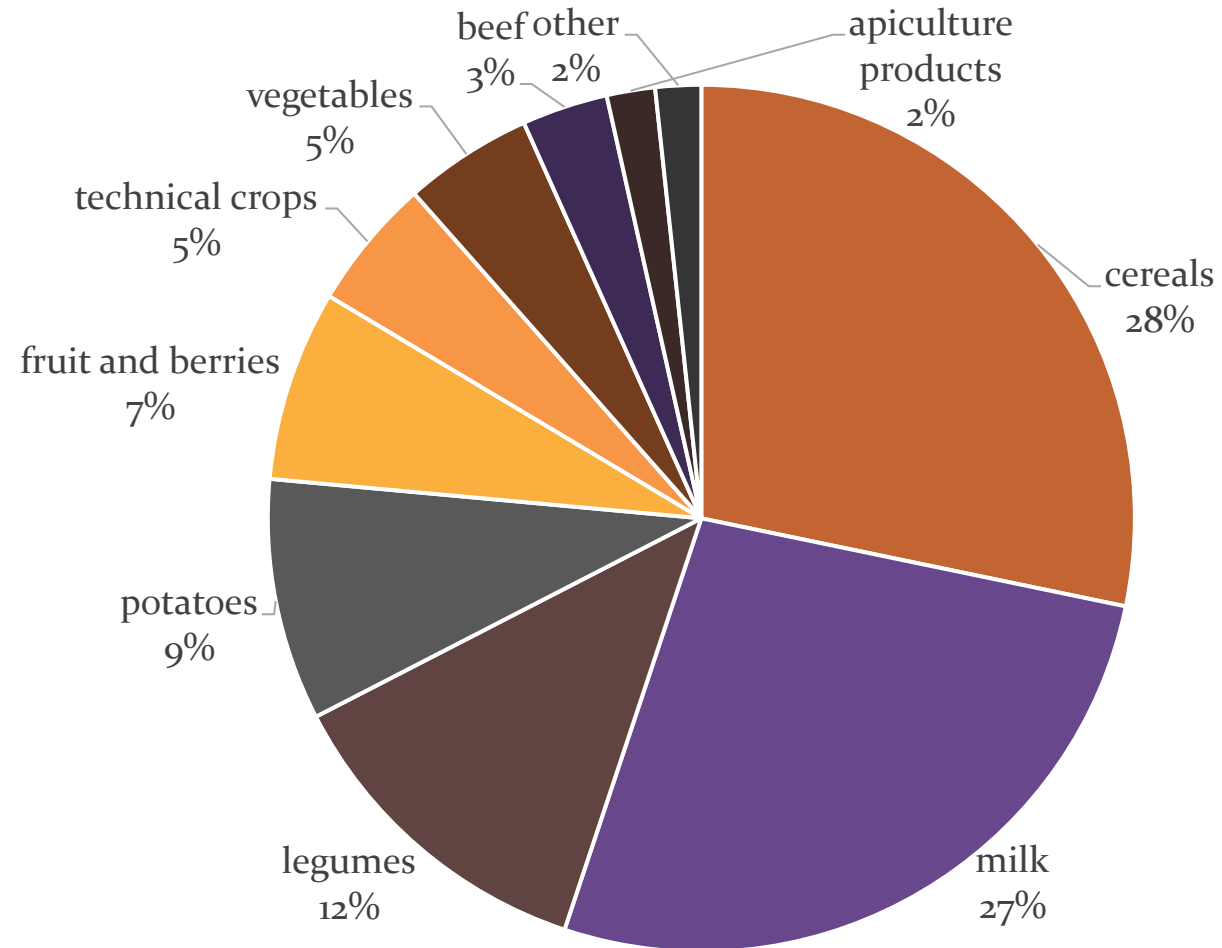
Organic agriculture in Latvia, 2020



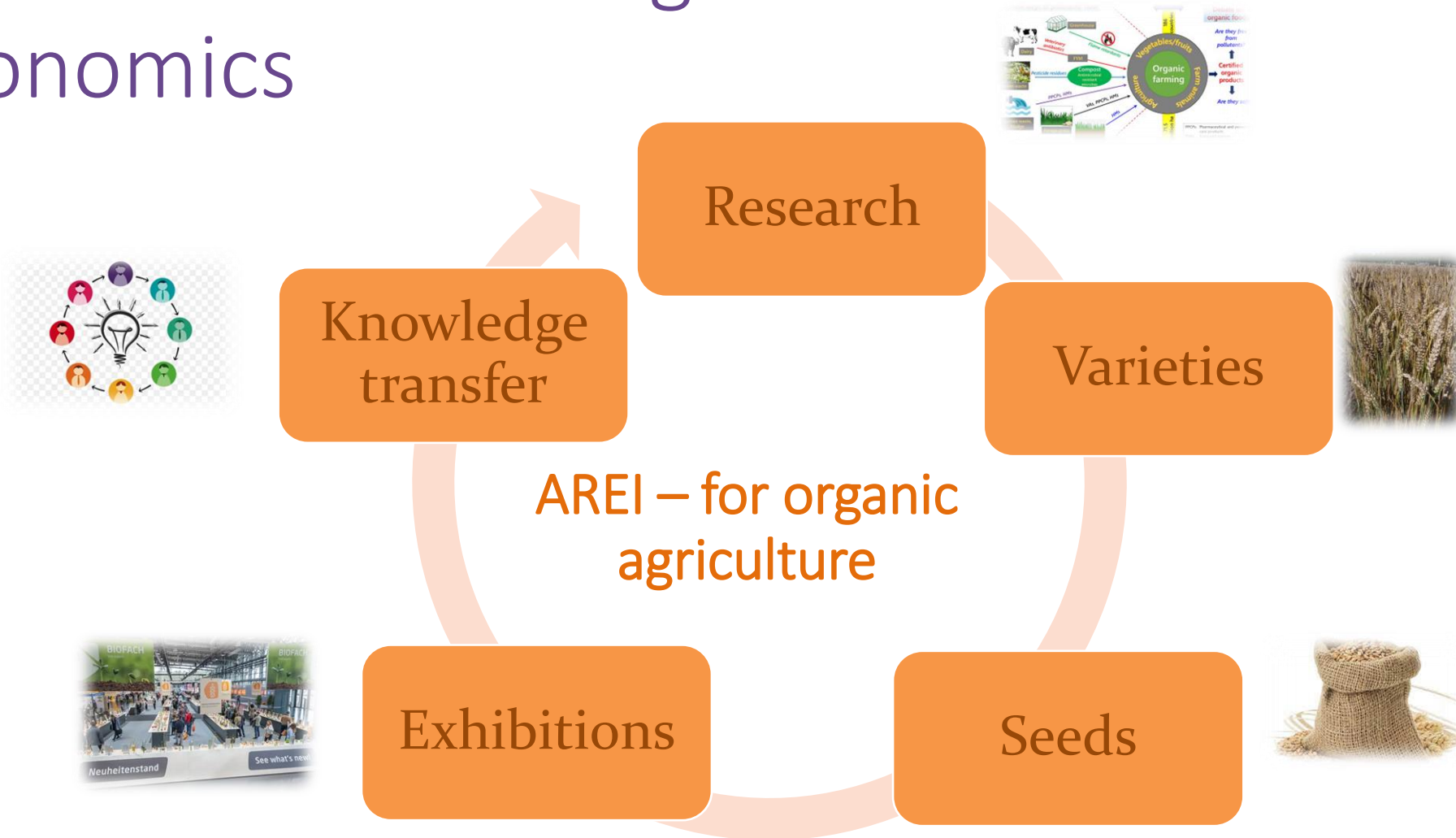
«Organic Farming and New Food Values – Drivers to Sustainable and Resilient Food Systems»,
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Structure of produced organic products LV, 2020,

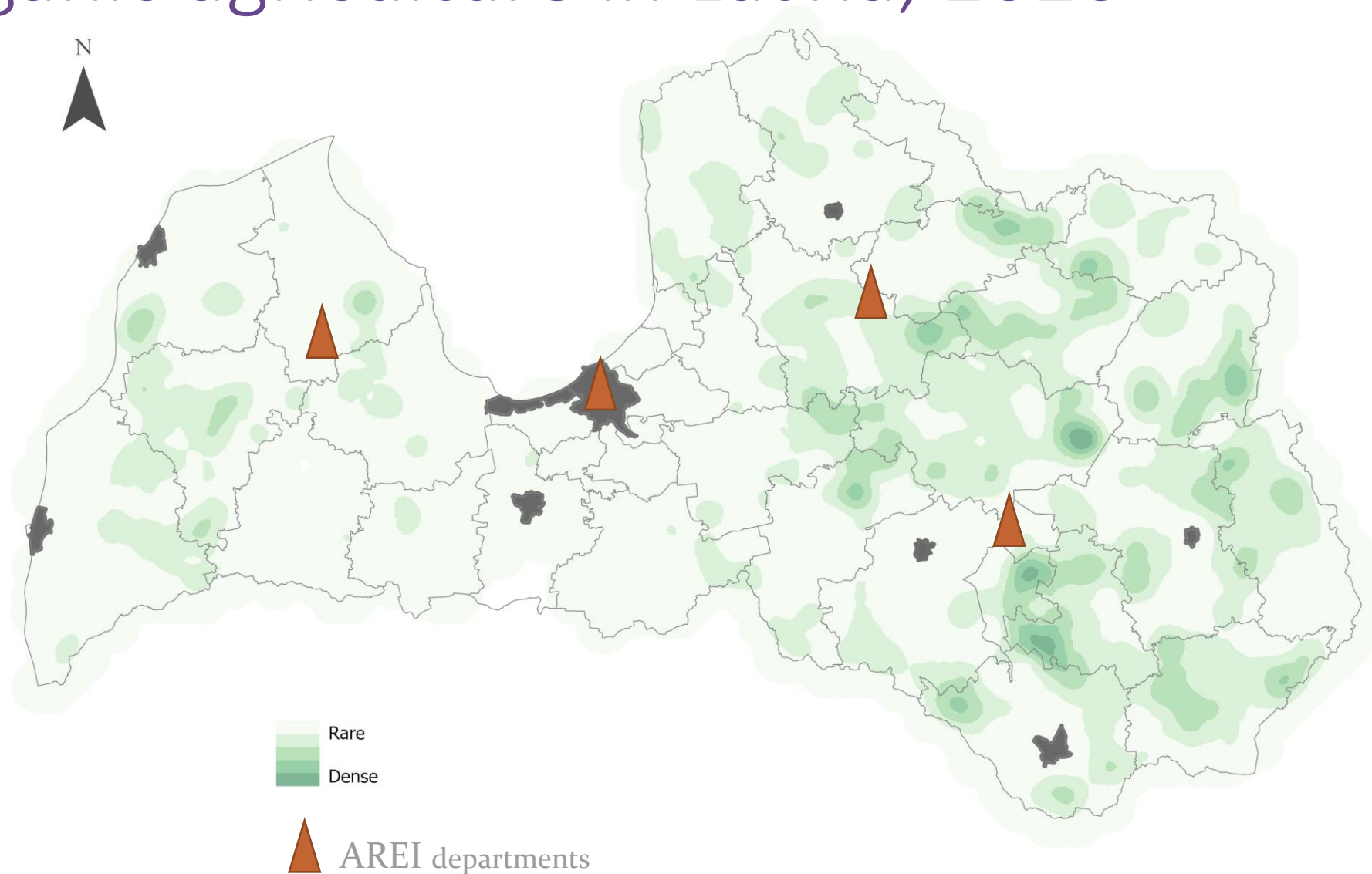
(gross output at producer prices)



AREI – Institute of Agricultural Resources and Economics



Organic agriculture in Latvia, 2020



Agroecological and agrotechnical research

- Sustainable use of soil
- Organic crop growing technologies
- Weed ecology and control
- Circulation of nutrients in agroecosystems

Economic studies of the sustainable development of bioresource industries

- Organic agriculture and short food supply chains
- SWOT analysis of the sector of organic agriculture
- Green public procurement
- Varieties and seeds for economically sound organic agriculture

International cooperation in the field of organic research

Directions and projects of international cooperation:

Selection and breeding: LIVESEED (<https://www.liveseed.eu/>)

Cultivation technologies: EUROLEGUME
(<https://www.eurolegume.eu/>)

Weed control: PRODIVA (Plant diversity and weeds)

Environmental protection - CatchCrop Optimal solutions for the use of catch plants to reduce the pollution of the cross-border rivers - Venta and Lielupe - basins.



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Organic farm «Atvases». Photo: K.Teilāns

