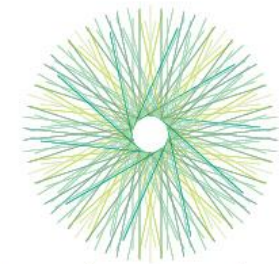


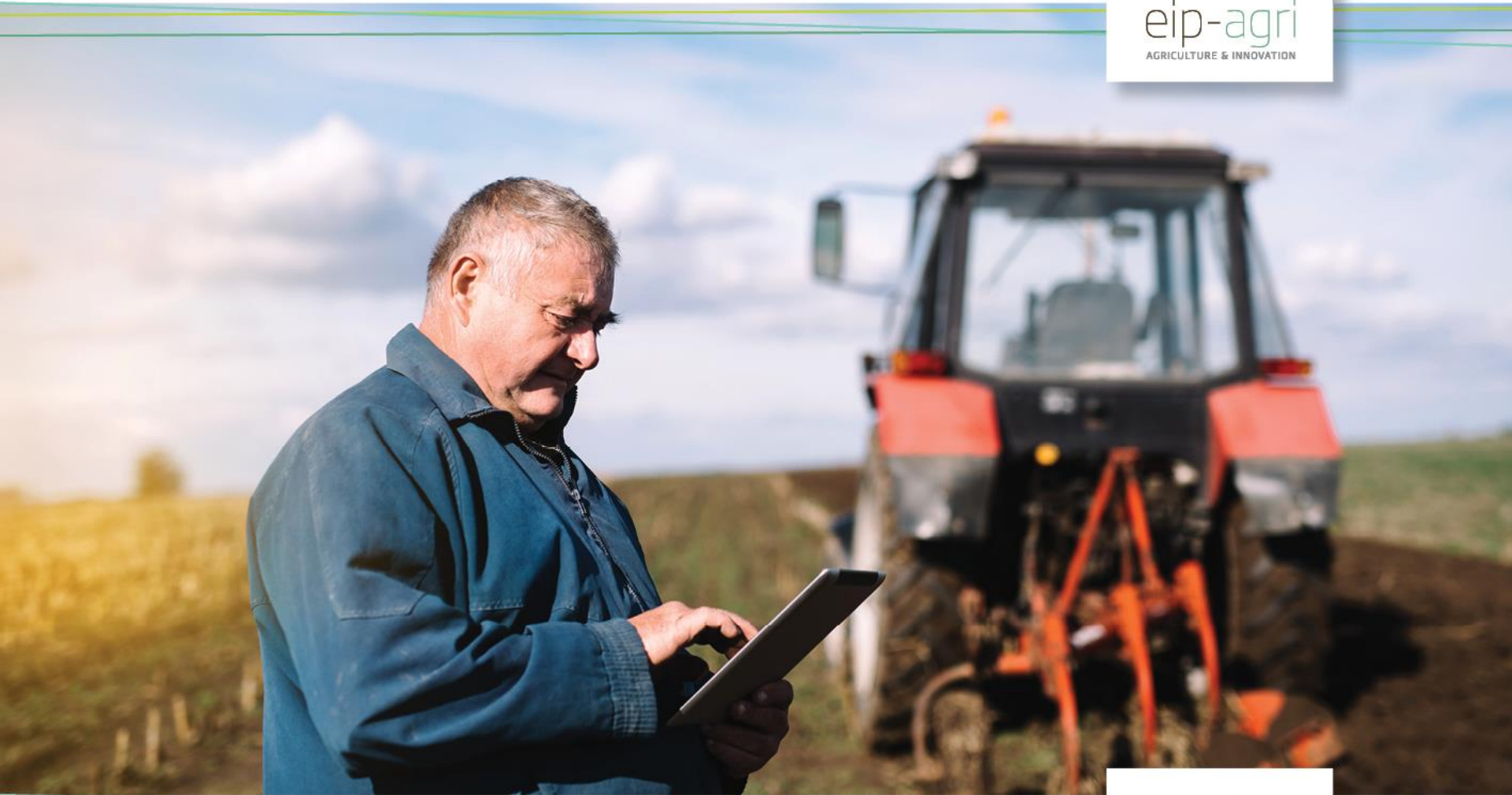
# EIP-AGRI Seminar

## New skills for digital farming

5-6 February 2020 – Aranjuez, Spain



eip-agri  
AGRICULTURE & INNOVATION



funded by  European Commission



# Programme

## THURSDAY 6 FEBRUARY 2020

08:15 – 08:45 Registration for day 2

08:45 – 09:10 Introduction to the day

### Session 2: How do we move forward?

#### **09:10 – 10:45 Developing skills for digitalisation: An inspirational journey**

Presentations by: *George Beers (NL), Miguel Cordero (ES), Beatrice Dingli (FR), Thomas Engel (DE), Hubert Gerhardy (DE), Lotte Ipsen (DK), Tom Kelly (IE), Gintare Kucinskiene (Lt), Hercules Panoutsopoulos (GR), Tetiana Pavlenko (DE), Jürgen Vangeyte (BE)*

10:45 – 11:15 Coffee break



# Programme

## THURSDAY 6 FEBRUARY 2020

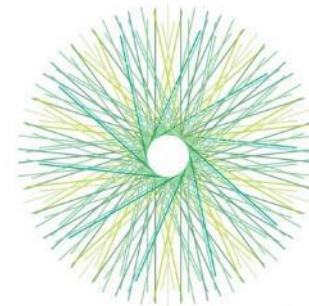
11:15 – 12:30 Tools and approaches for skills development in the farming sector: Breakout session

12:30 – 12:50 Feedback from the discussion

12:50 – 13:00 Closing of the seminar

*Kerstin Rosenow, European Commission, DG AGRI*

# Developing skills for digital farming: An inspirational journey



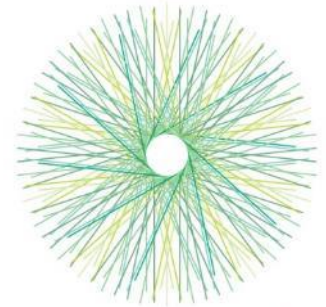
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Seminar: 'New skills for digital farming'  
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## 4. Learning about and with digital tools



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*Focus on e-learning, e-resources, e-platforms...*

Not only learning to use digital tools but using digital tools for learning.

Digital technologies can **enhance opportunities** for skills development in schools, higher education and throughout life.

Digital **platforms, portals...** provide online **learning resources** and help connect people who produce and use knowledge.

Examples:

- France, VIVEA blended digital training (**Beatrice Dingli**)
- Finland, JAMK University of applied sciences – Digital e-learning resources (*Anne-Mari Malvisto*)
- Erasmus+, [Biocontrol E-Training](#) (Laurent Dedieu)
- Lithuania, EIP Operational Group '[Gate of innovations](#)' (**Gintare Kucinskiene**)
- H2020 EURAKNOS / EUREKA (Hercules Panoutsopoulos)

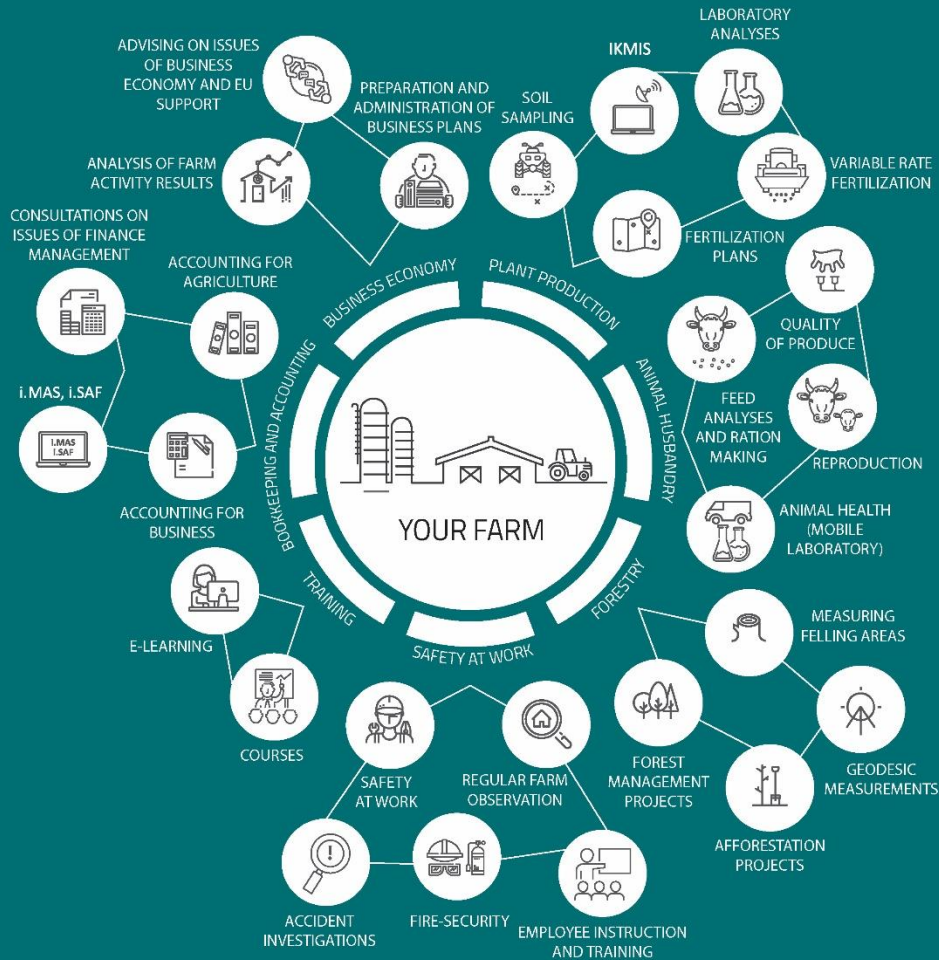
# LEARNING ABOUT AND WITH DIGITAL TOOLS



**Gintare KUCINSKIENE**  
**EIP-AGRI Operational Group**  
**'Gate of innovations'**  
Lithuania



# Open “Gate of Innovations” - The Centre for knowledge accumulation, transfer, development of agricultural technologies and their demonstration



# InnoGates Concept



## I Partners

- 8 farms with experimental activities
- 3 the biggest research institutions in agricultural sector
- Leader: impartial Advisory Service



They are behind InnoGates

## III Scope

- Connected experimental farms and made investments
- Improved interinstitutional cooperation between advisers and researchers
- Established Center of Precision Farming
- Created database of innovations (TITRIS)

## II Interests From

- Farmers (investments, cooperation)
- Advisers (development of precision farming services and infrastructure for innovations)
- Ministry of Agriculture (database about created innovations)



<https://titris.lzukt.lt/>

Free, Bilingual (LT/EN) Information System of Open Access

**Object:** non-commercial scientific **research** and practical **innovations** that have or might have influence on **sustainable** agricultural production.

**Aspects of novelty:**

- The responsible Process of knowledge sharing and its identification (TRL, effects and arguments, additional material);
- The **availability** of EU **funding** for research / innovation is accessed;
- Voluntary news subscription;
- Professional and free **online consultation** on a wide range of innovation topics is provided.

## Methodology of TITRIS



### News subscription

Select news topics

Email address



### A mobile technology line for preventive health care of sheep

**Area**  
Livestock farming

**Subarea**  
Sheep husbandry

[Sheep health](#) [Sheep husbandry](#)

**ISC:** Šeškusis armenkyštė specializes in keeping and selling of breeding sheep. In order to provide farmers with healthy breeding lambs and to reduce labor costs for maintaining breeding sheep, the company has purchased a modern technology line that meets animal welfare requirements and is used for preventive health care of sheep. The technological line includes: smart scales with computer data storage, a disinfection dais with a tub, an automatic sheep bonitization machine and a mobile reversible sheep hoof care tool. The purpose of this investment was to improve the sheep health and their hoof condition, as well as to assess the characteristics of a particular breed and the suitability of lambs for breeding (bonitization) more accurately. The implementation of this technology line did not cause any difficulties and the staff did not need any training.

**Effect:** Economic: Animal welfare

**Argumentation:** Animal welfare and sheep health have improved (50% reduction in sheep morbidity over 3 years), the time spent on sheep hoof care, handling and shearing has been reduced twice, sheep bonitization is carried out with higher quality and 3 times faster, and the safety of the person performing the procedures/work safety is ensured.

[Šeškusis armenkyštė](#)

**About Innovation**

- Year: 2022

**Contacts**

- Rimantas Karys
- [rkar@armlt.com](mailto:rkar@armlt.com)
- [seškusis.armlt.com](http://seškusis.armlt.com)

Partners: "Gate of Innovations" - The Centre for knowledge accumulation transfer, development of agricultural technologies and their demonstration Agreement No. 339/1-100-05-0-0199/16/16/02

Contact us ▼

Our working hours 8:00 a.m. – 5:00 p.m. at workdays. Leave us your message and we will contact you

Your question\*



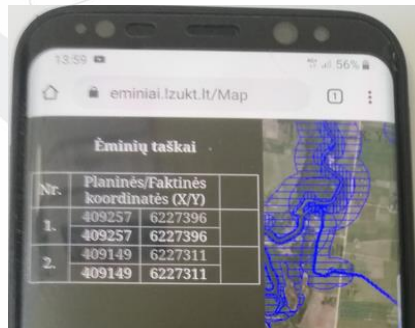
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# Other digitalisation actions in InnoGates

- Established laboratory works in connection with app for soil sampling and Farm management program *E-GEBA*;



Made in e-GEBA soil sampling plan is sent to the app.



Coordinates of should be taken soil samples are easy found in the field using GPS.



Lab results are going directly to e-GEBA programe for advisers evaluation.

- Centre of Precision Farming Services provides training with Simulation display. The mobile stand shows for clients the full cycle of precision farming and to encourage farmers to use innovative technologies on their farms.



# Facts from InnoGates that broke down stereotypes about innovations and projects:

- Project created 8 new workplaces (7 in lab + 1 for TITRIS) during the implementation. The potential another 2–3 employees coming 1–2 years (enabling Innovation support Service and pavilion for demonstration of innovative agricultural technologies and machinery).
- Diversity of project results helped us to keep them sustainable and develop them further (precision services, improvement of TITRIS, the start of new activities in pavilion, etc.)



Thank you!