

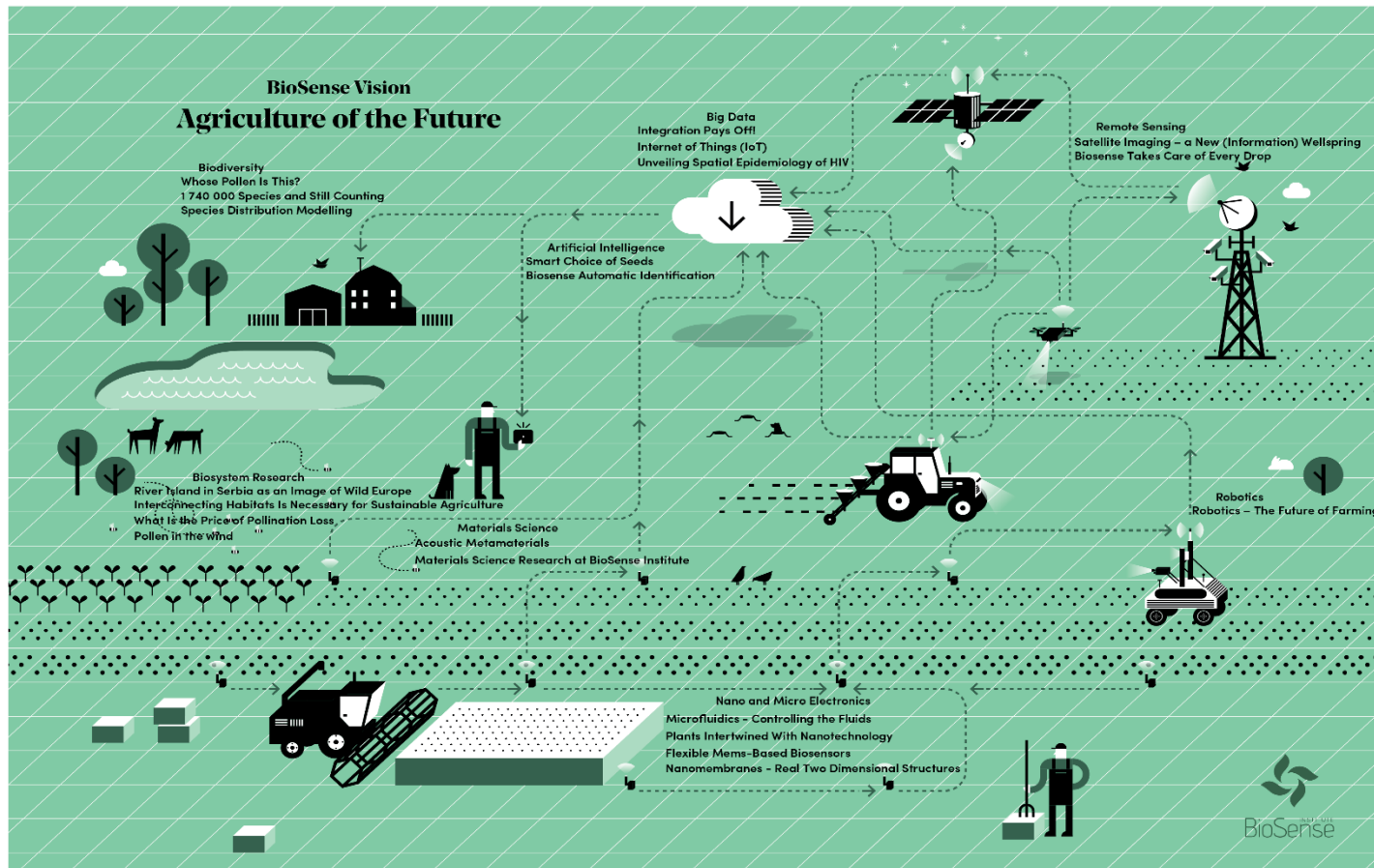


## **PRECISION AGRICULTURE FOR ALL – PA4ALL**

Isidora Stojčić, BioSense Institute

# PA4ALL - Precision Agriculture Living Lab

- BioSense Institute (Host Organization)



Nano and  
microelectronics

Remote  
Sensing

Robotics and  
mechatronics

Communications  
and signal processing

Bio-Archelology

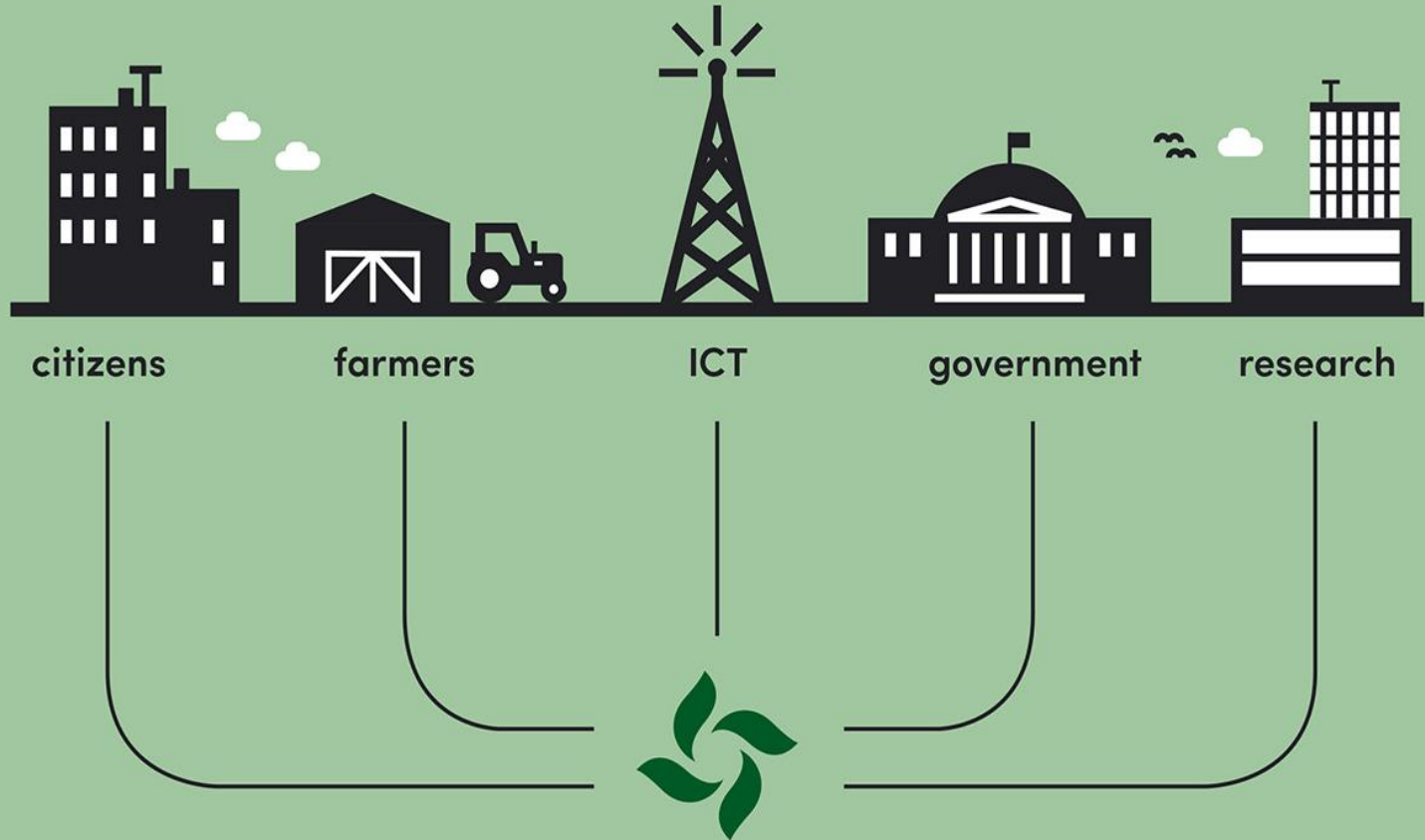
Biosystem  
research

Big data  
Knowledge discovery



# About BioSense

- R&D institute for Information Technology in Biosystems
- Public institute – First public start-up

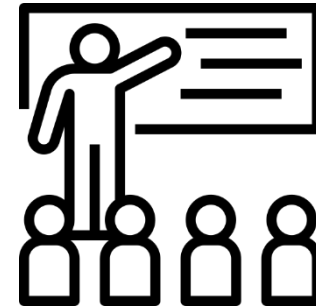


**70** permanent staff

**50** part-time staff

# STAKEHOLDERS NETWORK WITHIN OUR NETWORK

- Farmers
- Students
- Researchers
- SMEs & Entrepreneurs
- Policy makers



# OUR MAIN OBJECTIVES

- ✓ Agriculture is not an interesting field for young people
- ✓ ICT skills are essential in today's work in the field of agriculture
- ✓ There are ongoing policy changes supporting the digital transformation in Serbia
- ✓ Get more farmers to use precision agriculture
- ✓ Promote precision agriculture in the region

digital**serbia**  
INITIATIVE



# ENVISIONED SOLUTIONS

The main goals:

- Creating opportunities for knowledge transfer
- Enabling of adoption of new technologies in the aspect of precision agriculture.



# Agriculture and Agrifood Working Group?

1. Finding people who can support you
2. Credibility and knowledge
3. Having users of your products or services sent your way (depending on your business activity)
4. Contributing to industry/community
5. Staying on the cutting edge of your field



**European  
Network of  
Living Labs**

# PA4ALL EVENTS

Engagement with SMEs,  
startups, farmers, etc.



Annual Event - BioSense ecosystem

# Book Fair in Belgrade, Serbia

- Policy Makers
- Students
- Farmers
- Professors



# POLICY MAKER ENGAGEMENT

Meeting with directors of schools  
specialized in agriculture around Serbia  
Contact in the Ministry of Agriculture,  
Education, Environmental protection



# ACTIVITES: PILOT EDUCATIONAL MODEL for precision agriculture



- **SPRAYCONDI**- digital advisor for the reduction of errors in the application of pesticides

# Introducing precision agriculture tools in high schools around Serbia

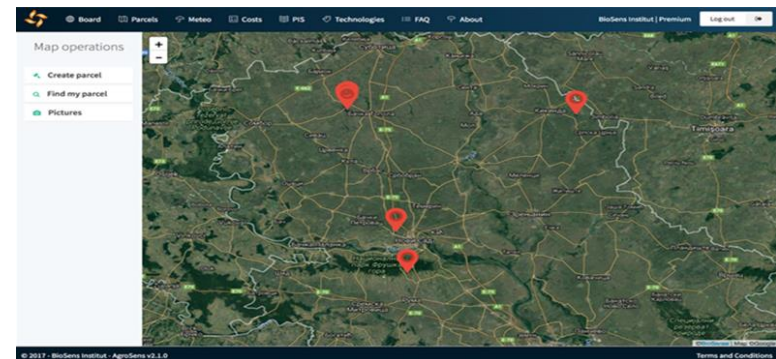


Improve the curriculum in schools by introducing precision agriculture tools in high schools specialized in agriculture to main ICT concepts.

- Educational system
- Precision agriculture
- Policy changes
- New professionals
- Economy as a whole

# School specialized in agriculture in Novi Sad, Serbia

<https://www.agrosens.rs/#/app-h/welcome>



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**THANK YOU!**

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