AG-DATA INTEGRATOR

Focuses on maximizing the capabilities of 4th generation displays for flexible assignment of tasks and on-line monitoring of agronomic deviations

CenterProgramSystem

Agrobusiness
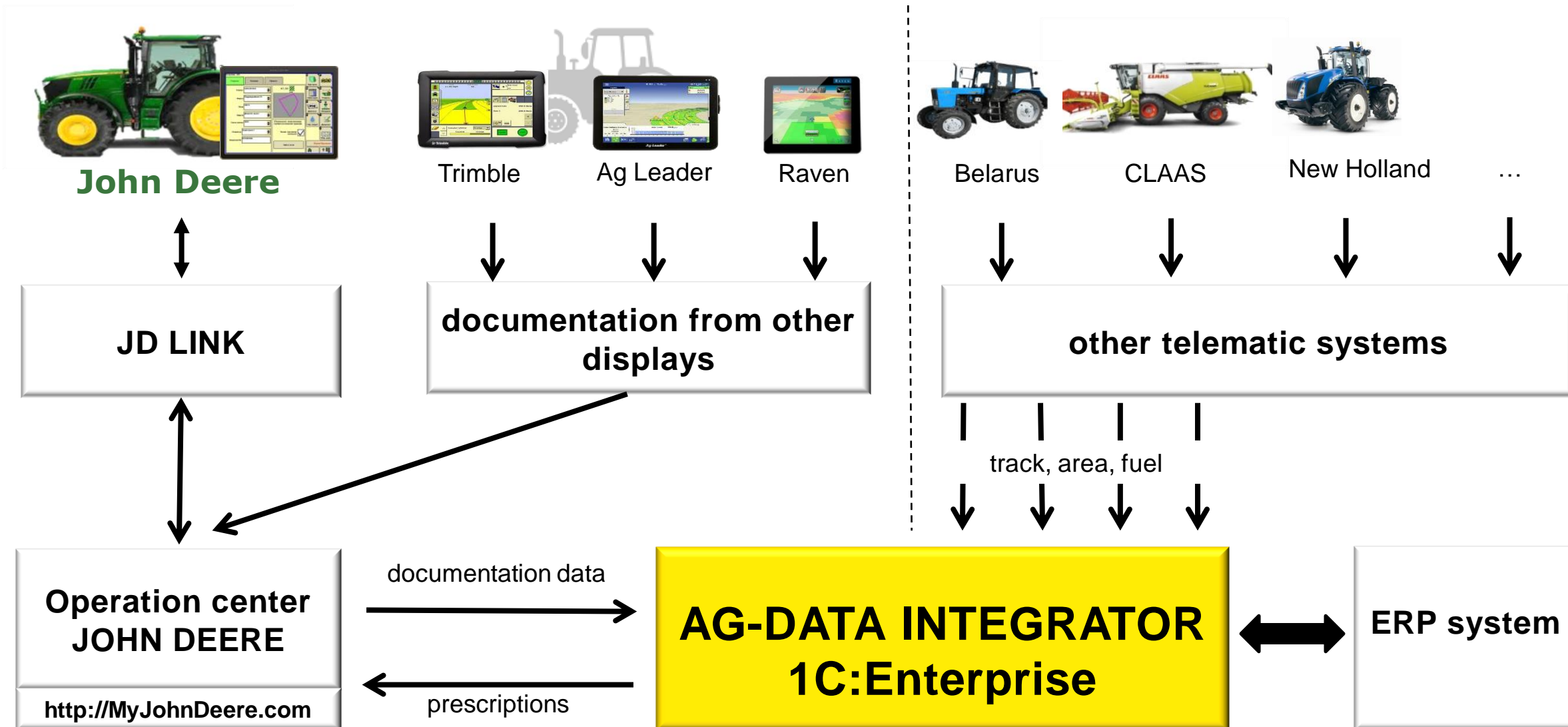

Industrial processing

forest management

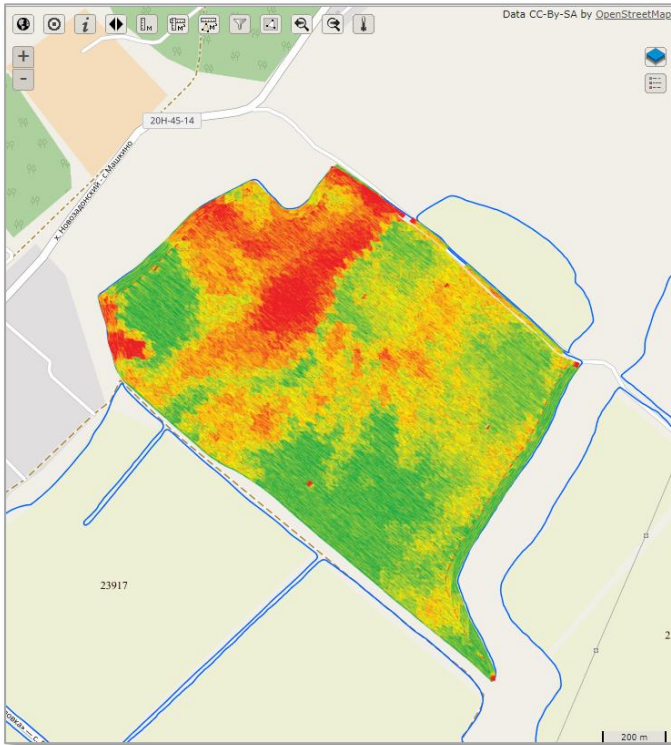**Founded in 1999 | 2800 clients | 60 employees**

government management

CPS Solutions for agricultural enterprises

– AgroManagement – Crop management system (FMIS)

– **AG-DATA INTEGRATOR – Data integration of on-board systems of John Deere**

– AgroHolding – ERP system for large agricultural enterprises

– Grain Elevator and Formula-feed plant – complex accounting

– GeoS – universal geo-analytical system

– AgroControl – decision support service to combat plant diseases

– Accounting of subsidies given to agricultural enterprises

John Deere

Trimble   Ag Leader   Raven

Belarus   CLAAS   New Holland   ...

JD LINK

documentation from other displays

other telematic systems

track, area, fuel

Operation center JOHN DEERE

http://MyJohnDeere.com

documentation data

prescriptions

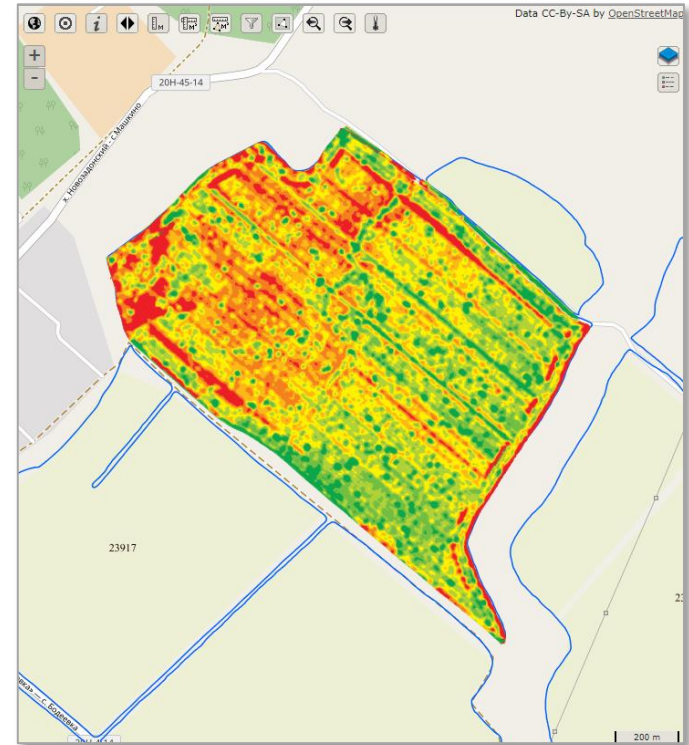**AG-DATA INTEGRATOR 1C:Enterprise**

ERP system

Full documentation data from displays of 2, 3, 4 generation

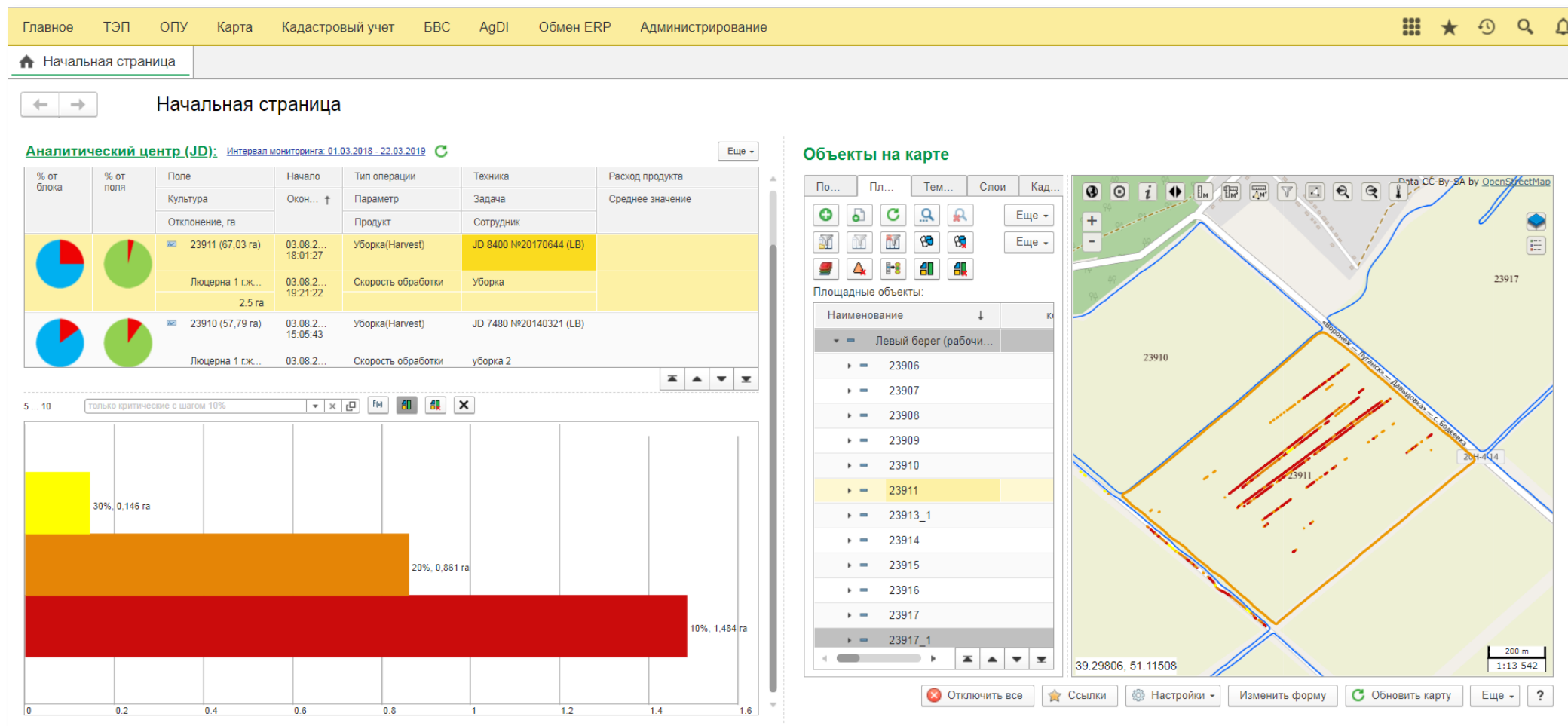Seeding Result
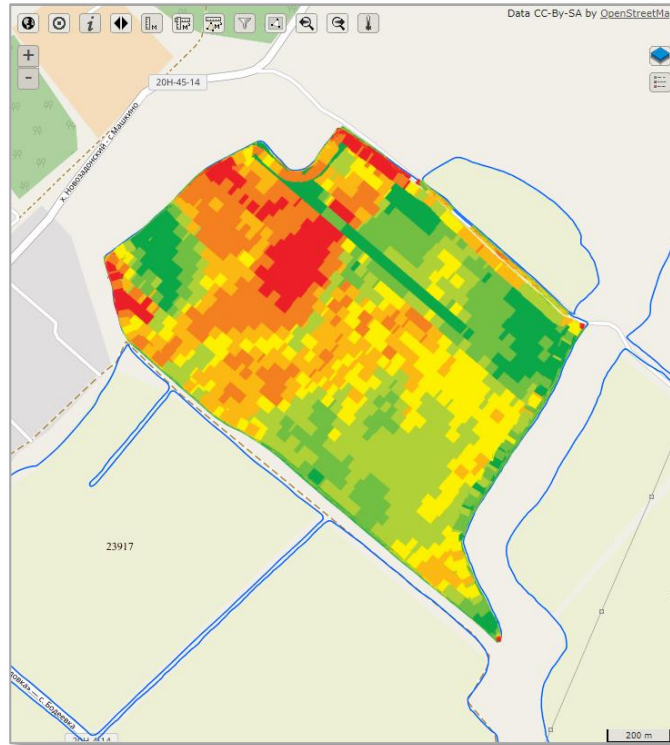
Application Result

Harvest Yield Result

Displays data are integrated into accounting system

Harvest yield maps of wheat and alfalfa for the period from July 3 to July 7, 2019. "Ekoniva agro-left bank" division.
Division total field area is about 30 thousand hectares.
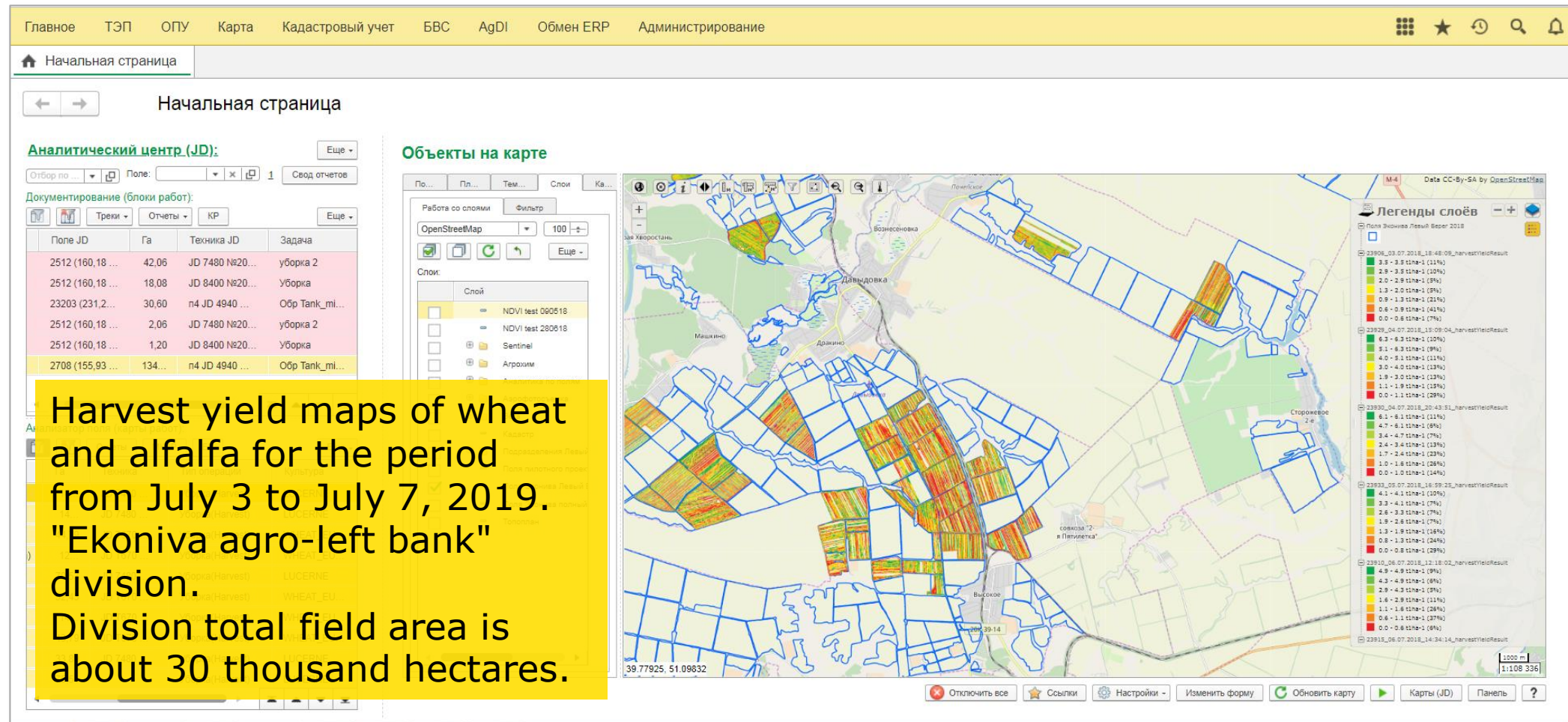
Main System purpose is to increase economic efficiency in crop production

operational quality control of agricultural works → agricultural work quality increase → yield increase → **Economic efficiency increase**
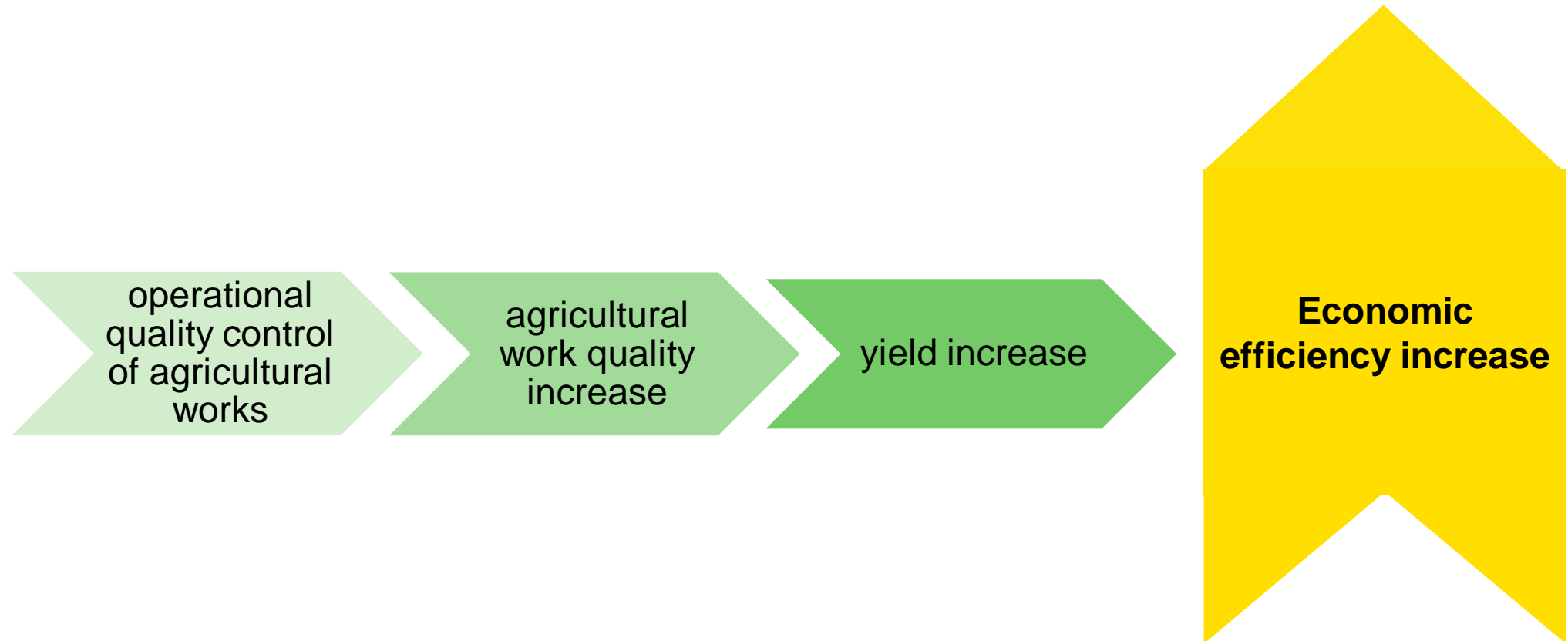
AG Alarms - Operational quality control

Control of technical characteristics

Analytics

A current comprehensive analysis of the enterprise state is available in the form of a set of interactive reports
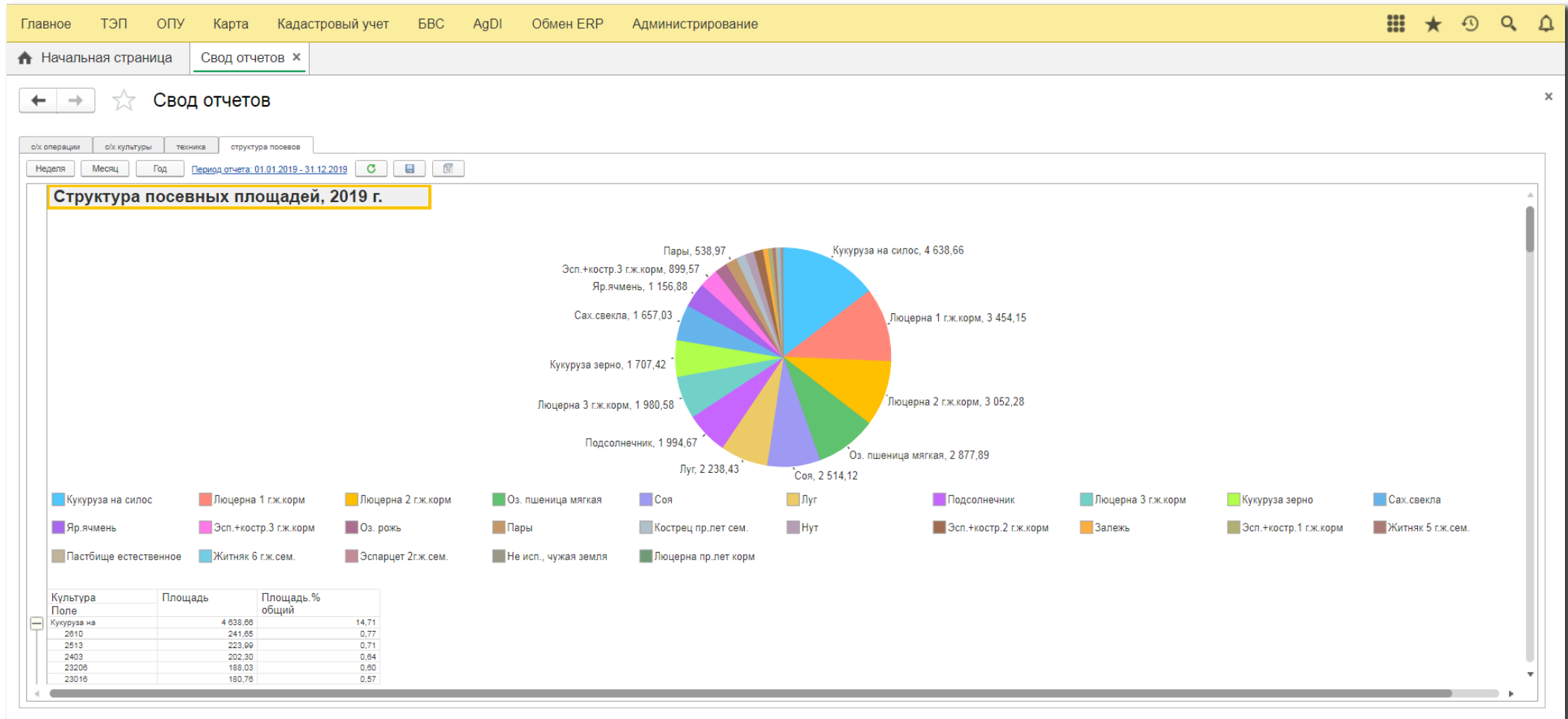
Setup file

Human factor reduction during a machine operator's work

Accurate field boundaries is a key requirement for proper work of AutoTrack and iTEC Pro systems

existing maps of fields

automatic

work track around

circular trip along

field boundaries

Operation center

AGDI

vectorization according

to space images

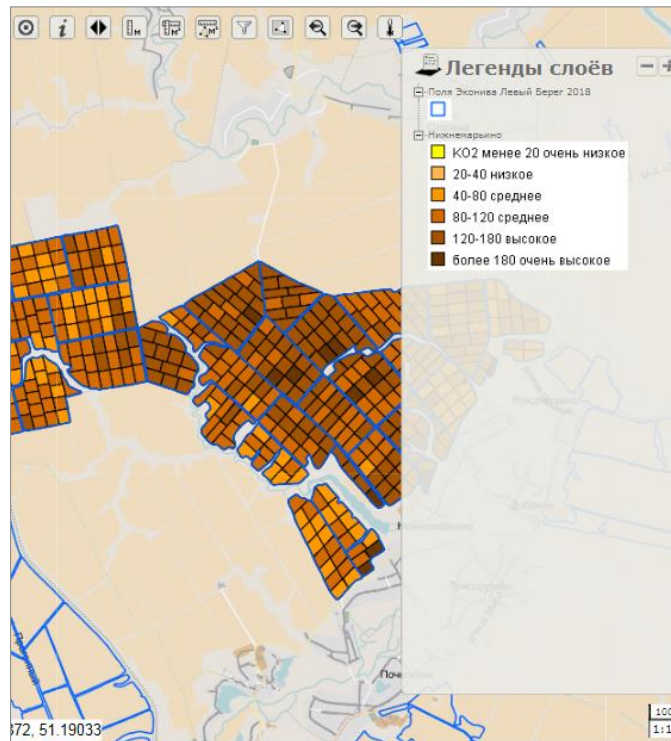vectorization according to

images taken by UAV
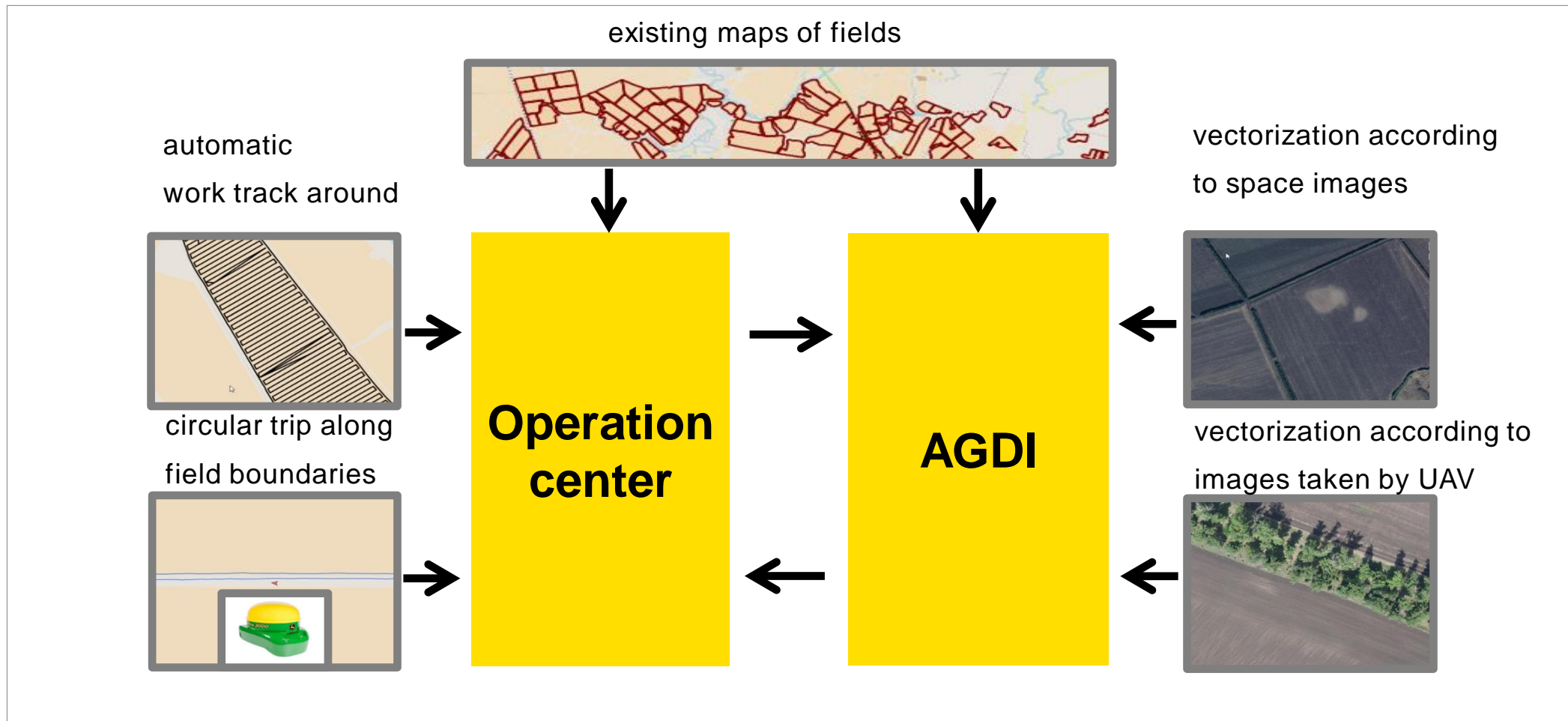
Sentinel NDVI

High-tech space photography with a resolution of 10 m - a source of information for zoning fields for variable application
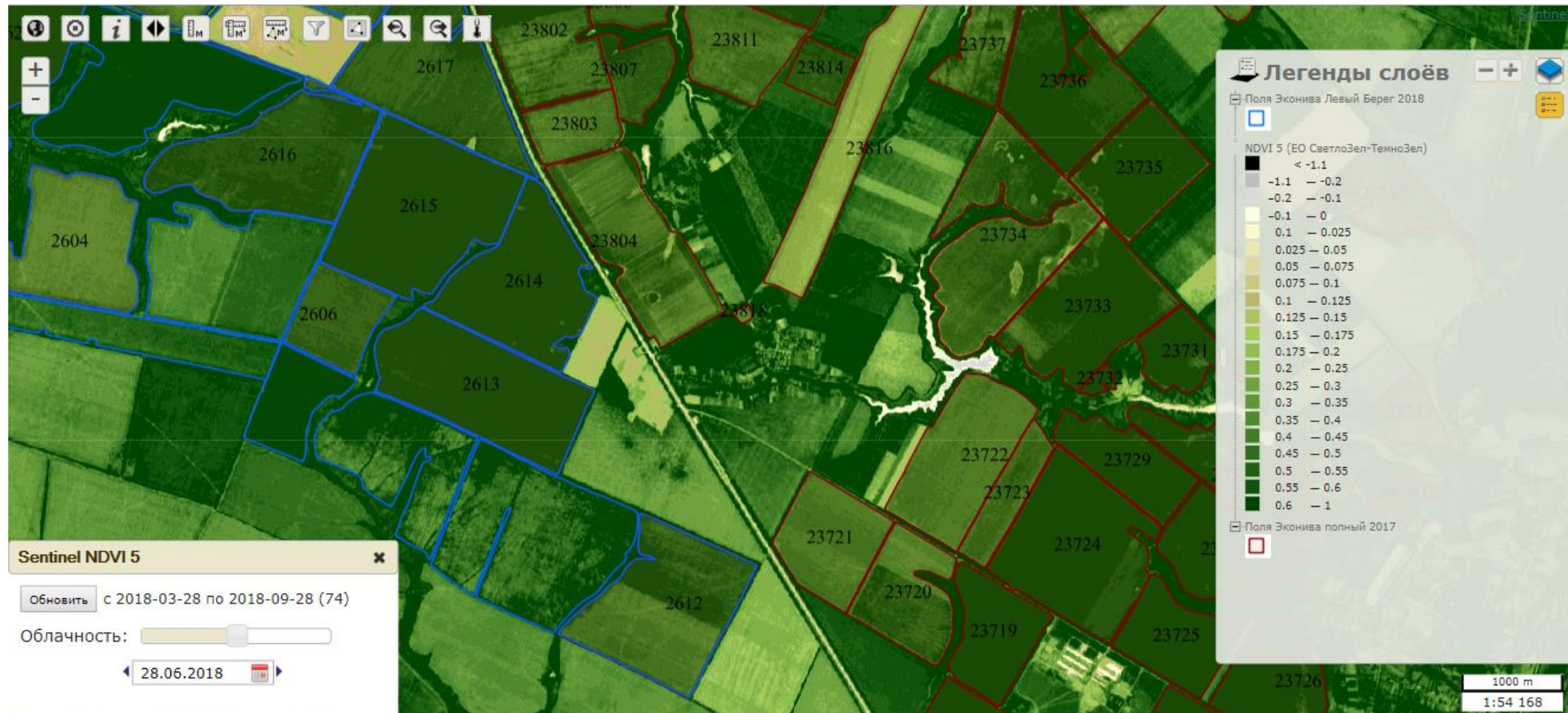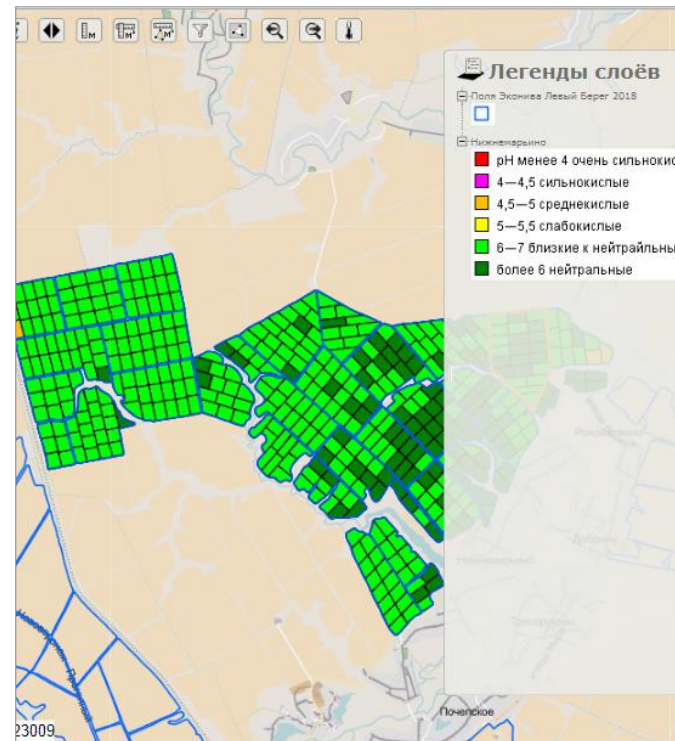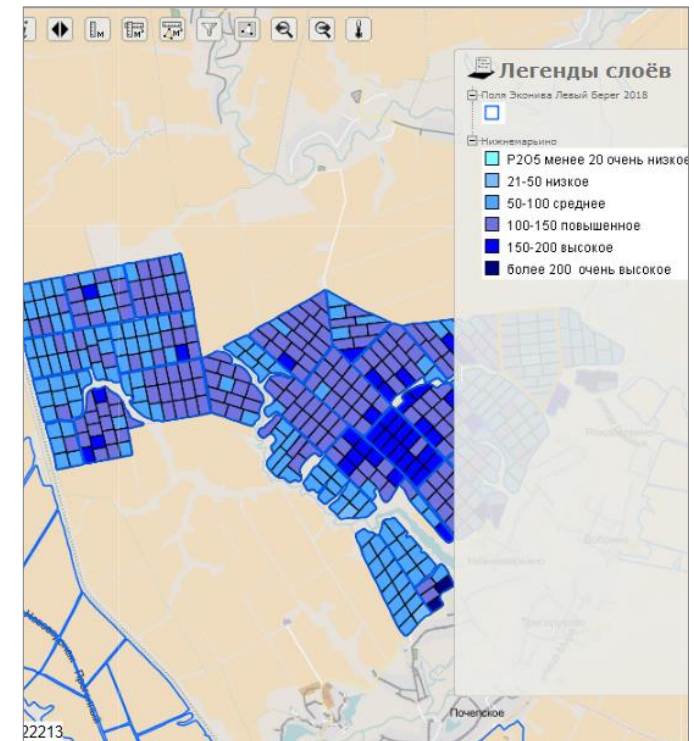
AgroChemical data survey
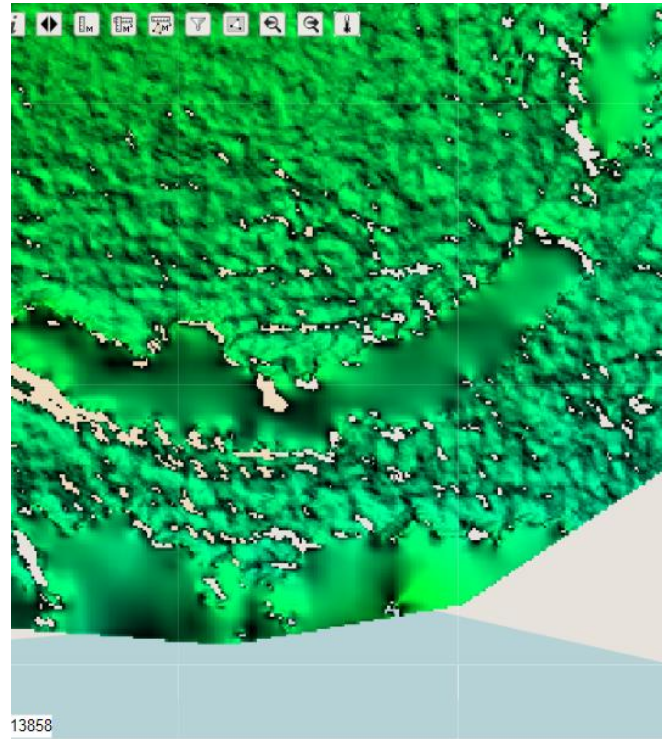

Potassium content

Soil acidity

Phosphorous content
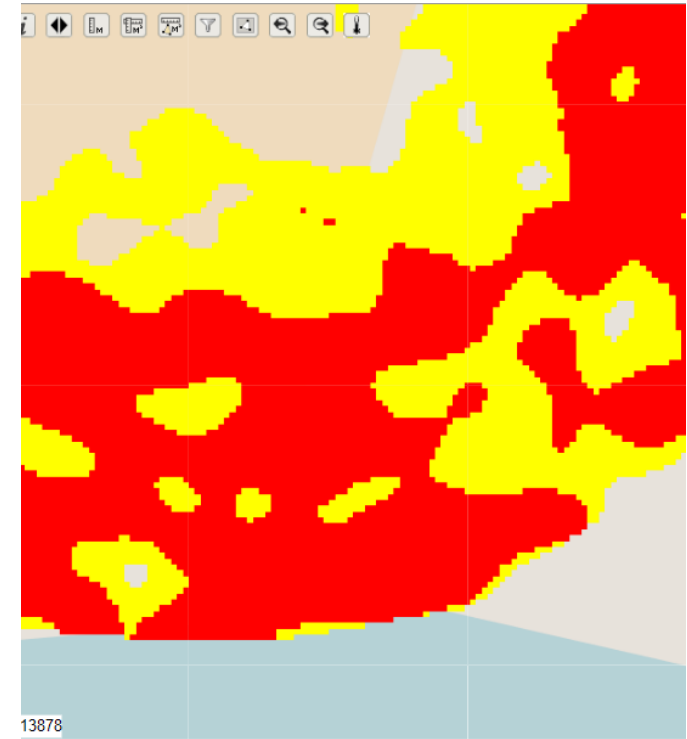
Drones' images

Orthophotomap

Altitude map

Slope map

Creation of prescriptions

Automatic field zoning according to NDVI

NDVI image

Processing

Shape-file

Prescription transfer to displays

Agronomist's dashboard

Integration with ERP – not only API, but a ready-made solution

AG-DATA INTEGRATOR

basic references

ERP

Operational report

account sheets

Cost accounting of agricultural work
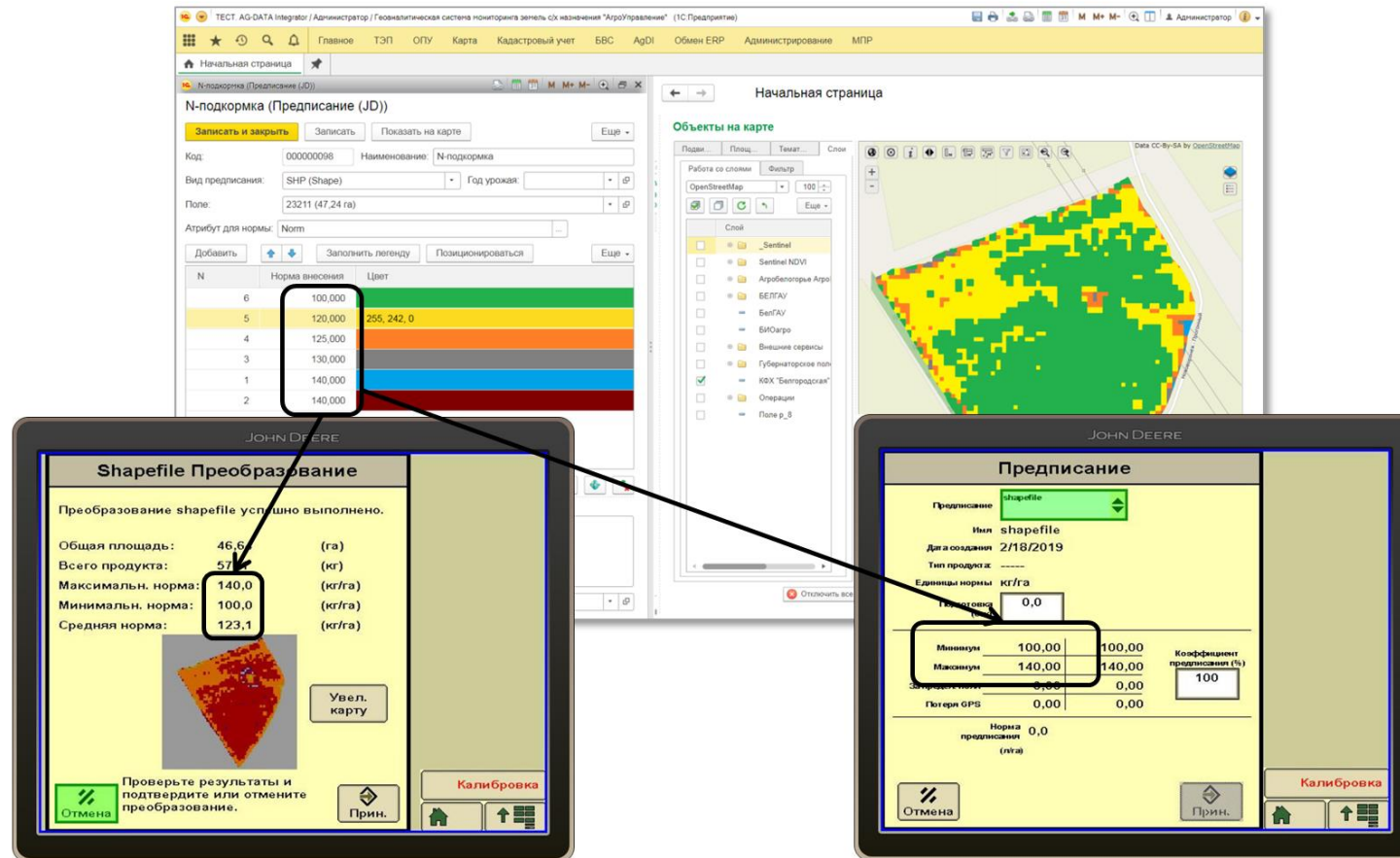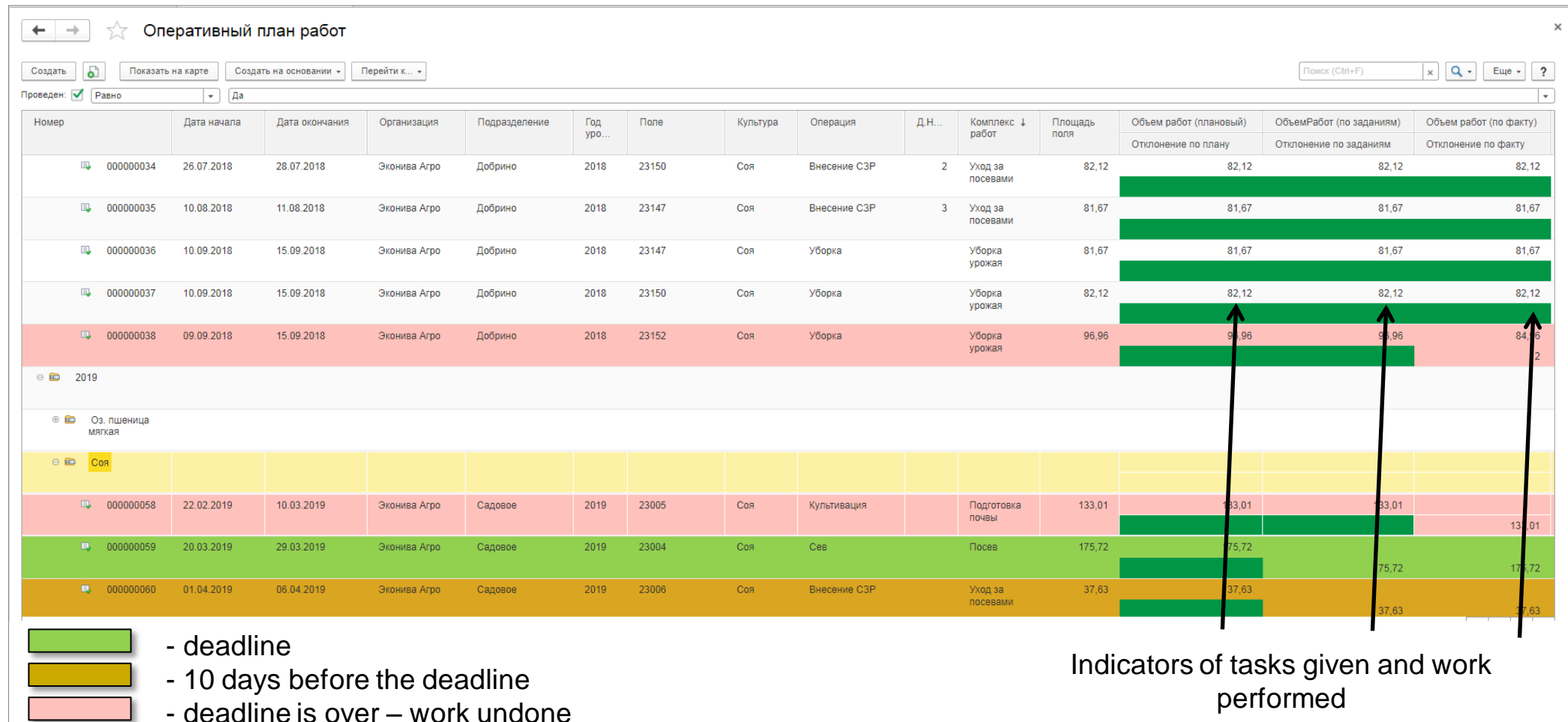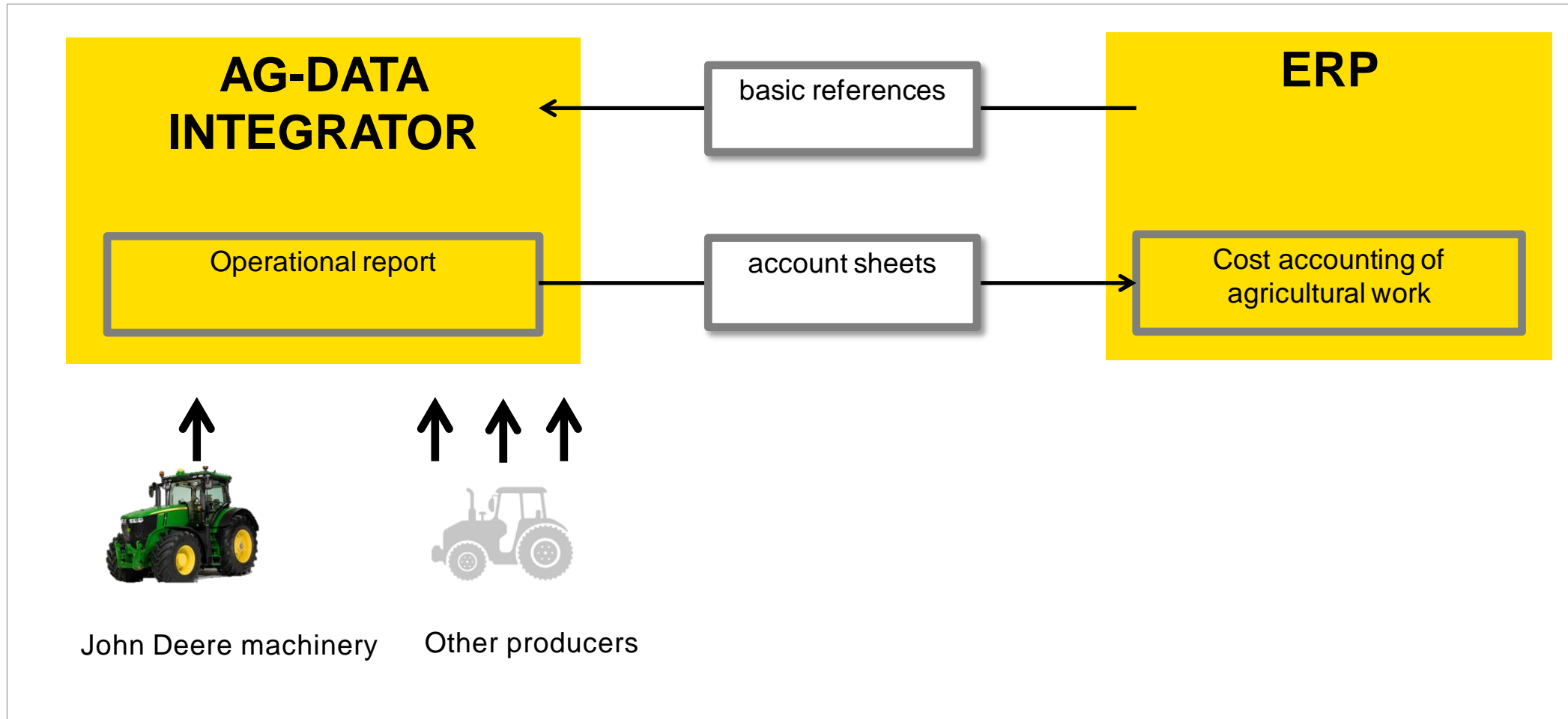
John Deere machinery

Other producers

AGDI total business process

Planning and economic department

Agronomical service

Monitoring service

Manager

Legal service

Seeding structure, flow process chart/map → **Operational plan** → **Tasks for machine operators (tractor drivers) transport work** → → **Work results**

Analytics

Accounting sheets

Cost accounting