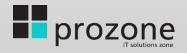




APPLICATION FOR THE FRACTALS PROJECT

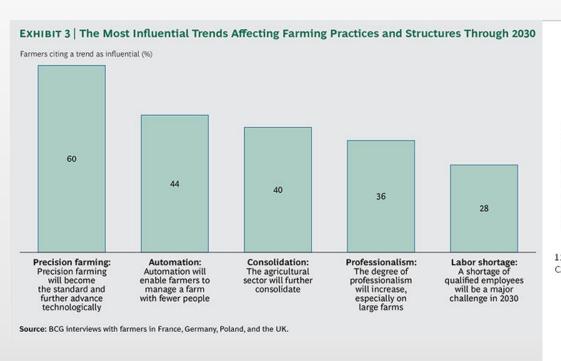
Activity	Month/Year
FRACTALS info day	November 2014
FRACTALS speed dating session	December 2014
Vojvodina Agrar – presenting the problem	December 2014
Considering the solution with experts from our partner company DunavNET	December 2014
Joint meetings with Vojvodina Agrar Finding solution	January 2015
Writing the proposal	February 2015
Application	February 2015
Starting with the project	June 2015

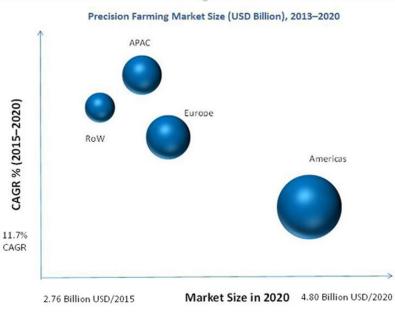






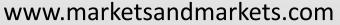
PREDICTIONS

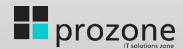




Source: MarketsandMarkets Analysis

www.bcgperspectives.com







THE PROBLEM IS...

Late detection of pests

Overgrowth, overpopulation Lower yield, profit

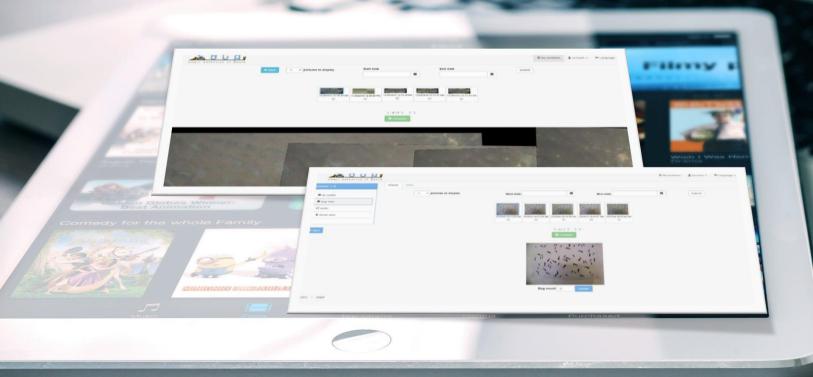




STEP 1 – deploy sensors



STEP 2 – intelligent data analytics



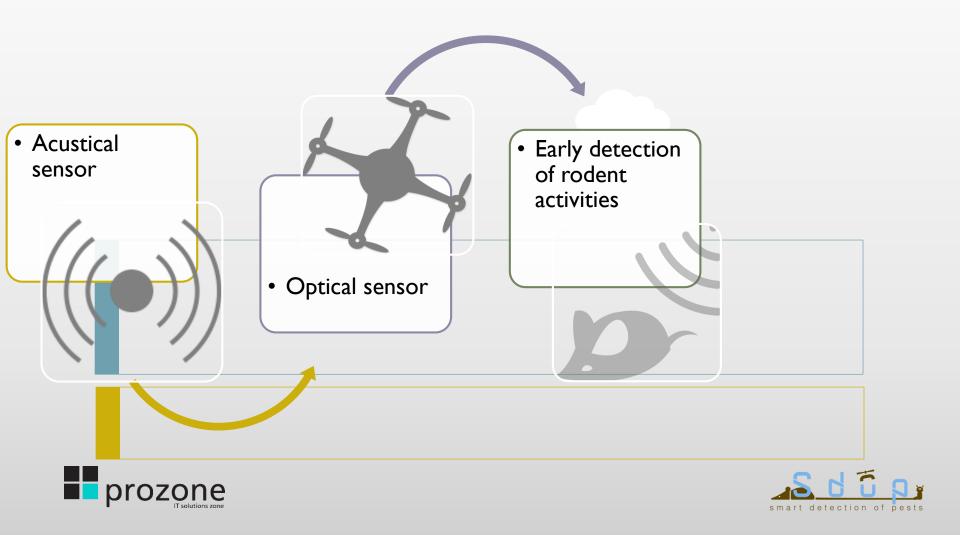
monitoring fields and crops in every moment



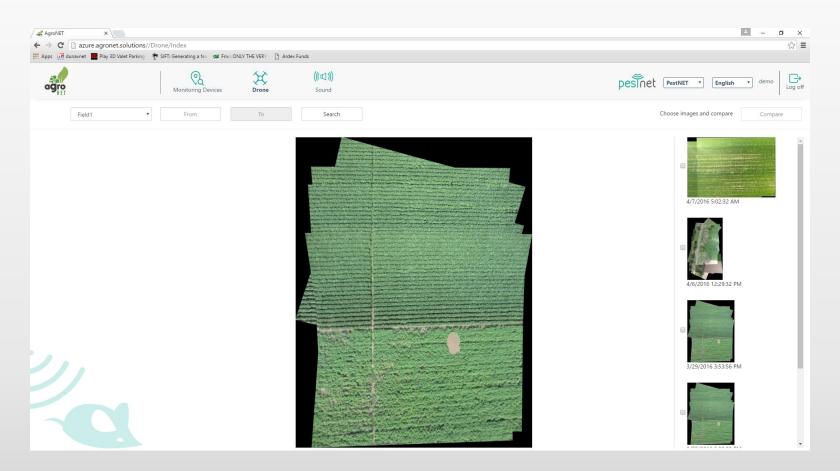




ズ Drone View



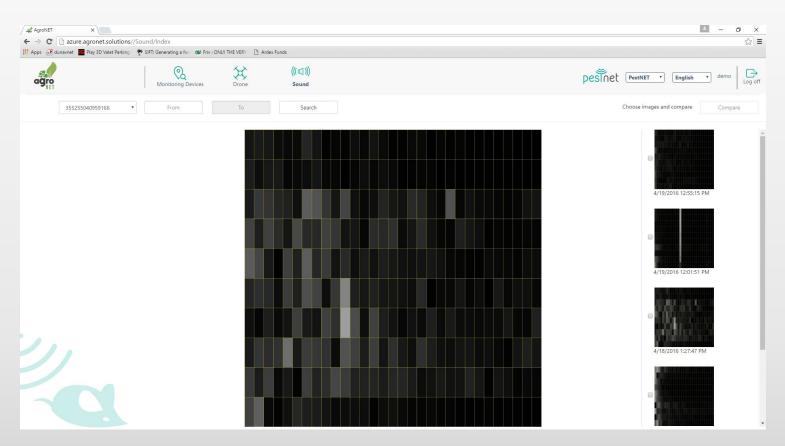
⊀ Drone View

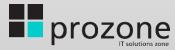






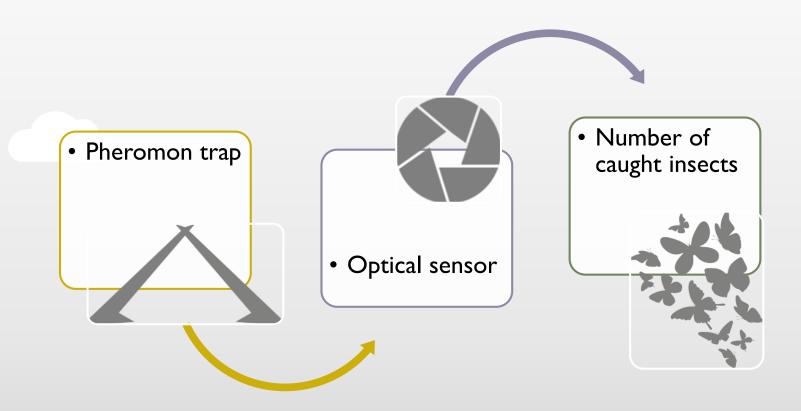


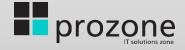






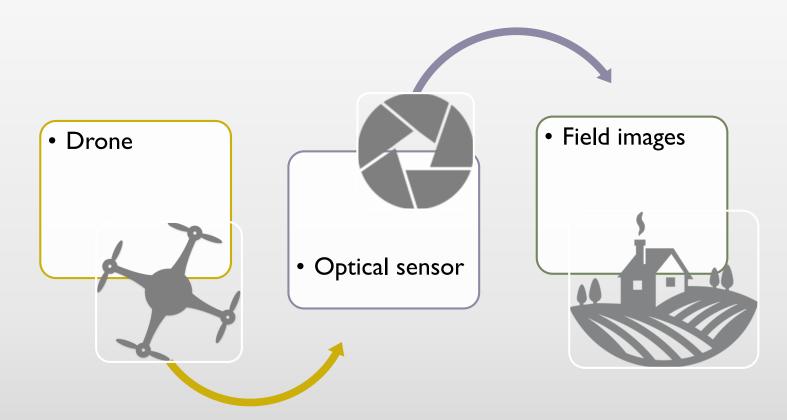


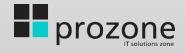






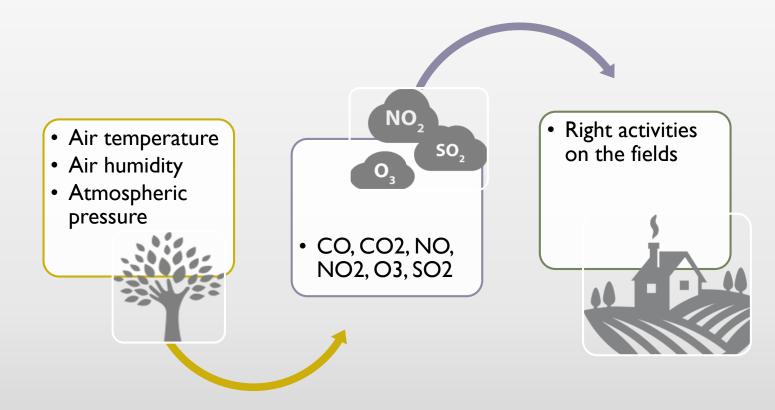
ズ Drone View

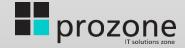






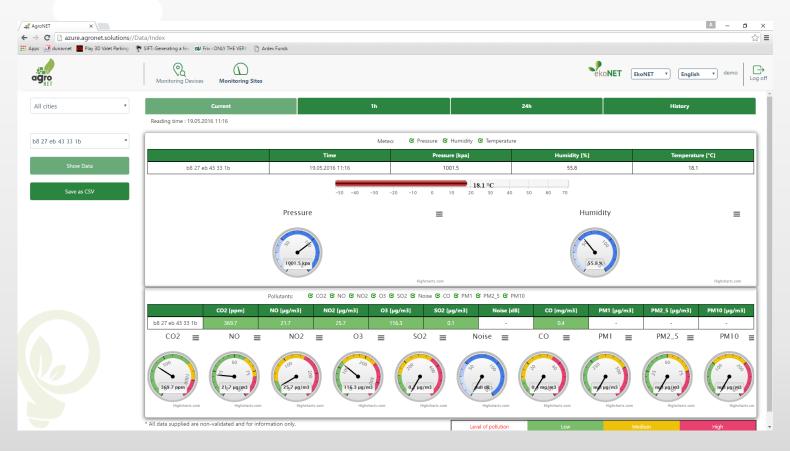


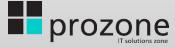












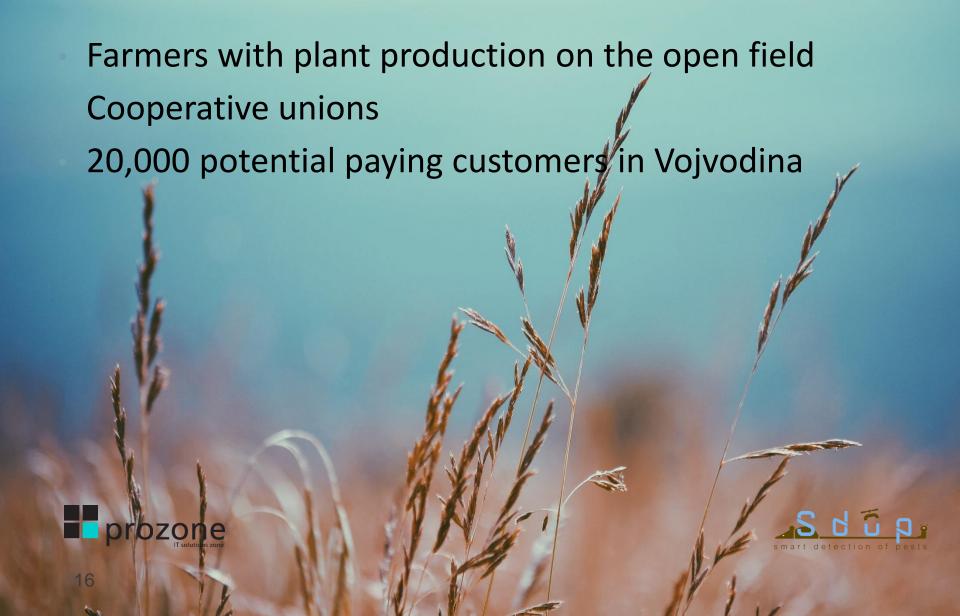


CUSTOMERS

Agricultural companies and associations



USERS



ULTIMATE GOAL IS TO EXPAND GLOBALLY





UNIQUE SPECIFICATIONS

- Monitoring fields and crops at every moment using application installed in mobile devices
- Using combined optical and acoustic detection of pests before their over multiplication
- SaaS model

Investment in SDOP will be paid off by the reduction of pesticide and yield losses









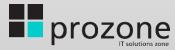






COMPETITORS

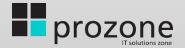
- High prices for renting the equipment and associated software licenses
- Utilizing static cameras pose a security threat due to simple removal and theft of such expensive equipment





THE TEAM

- **Dr. Boris Pokrić** > 15 years in IT, PhD degree in the area of artificial intelligence and machine vision
- **Dragan Turkulov** > 15 years in designing, developing and maintaining advanced business systems.
- Vladan Rankov > 15 years of experience in image processing and artificial intelligence
- **Žužana Ilinčić,** agronomist
- Milica Peričin, sales and marketing





THANK YOU

QUESTIONS?

www.sdop.rs



