## agroNET - for Poultry farms



Eyes, ears, noses, and brains of an experienced farmer, working **24/7** 

## More info:

www.dunavnet.eu www.digitalfarming.eu







### **DunavNET – Innovative IoT solutions**

- A multidisciplinary team: IoT, ML, software development + agriculture/livestock domain expertise
- Innovations built with the support of European Commission
- SAS Silver partner, Software AG partner







#### Farmers need...

- To continuously monitor environmental and operational parameters
- To ensure animal wellbeing
- To ensure transparent production
- To use workforce in the most efficient manner





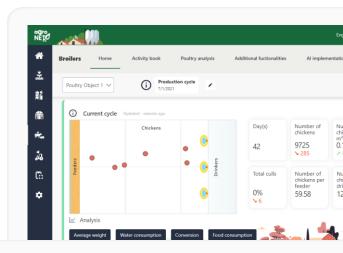
## poultryNET caters to the needs of farmers...

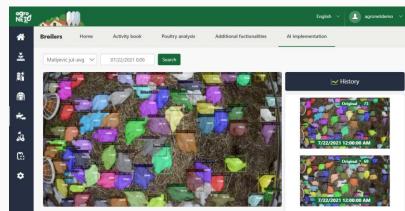


- Edge ML/AI hardware kit: the eyes, the ears, and the noses
  - 24/7 automatic monitoring of environmental conditions
- Edge ML/AI: the brains
  - continuously estimate weight of the chickens
  - count the chickens, detect the dead ones
  - monitor chicken behavior
  - monitor the operational status of relevant machines (air conditioning, feeders, drinkers)

#### Biosafety guide, Economy calculator





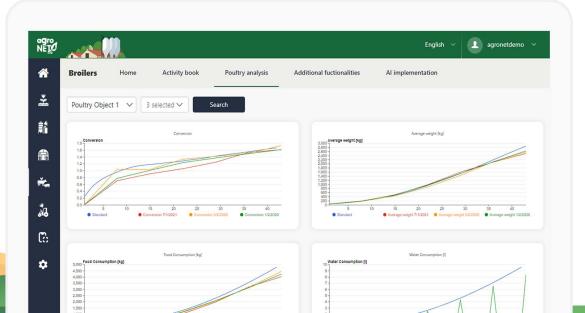


#### Customers

- Chicken farmers and their associations to reduce costs and increase profit.
- Food production companies with suppliers from the poultry sector to ensure quality and transparency and improve planning.
- Ag service providers (consultants, SaaS providers) to offer services more efficiently

#### Impact

- Decreased mortality rate by up to 20%,
- Improved feed conversion ratio (2%+),
- Manual workforce savings: 10-30%,
- Creation of the foundations for a transparent supply chain.



## **Business model**



- Annual license per chicken
- License includes
  - Edge AI hardware configuration
  - Selected software modules and AI models
  - Connectors for integration with farm management solutions





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