

# Robotic Developments in Poultry Farming

## Exclusive pre-commercialization briefing

A one day event hosted by the RoboChick Consortium

8 April 2019 – Harper Adams University, Newport, Shropshire

10.30 start – lunch provided

The RoboChick Consortium has developed a data collection robot for operation in poultry sheds. Robot-bird interaction studies were used to specify the robot. The robot was then put through two 5 week live trials:



### The Programme will include:

- The current marketplace – Spoutnic, Octopus, ChickenBoy
- The latest robotic developments
- Headline data
- Key benefits
- Future potential
- Have your say – feedback and comments



The RoboChick poultry farm robot MKII

### Robotic data collection in poultry sheds

The RoboChick Consortium has completed an InnovateUK-funded 12 month feasibility study.

The study has encompassed:

- Specification and development of a robot system optimized for operation in close proximity to the birds
- Development and In-situ testing of a range of sensors
- Autonomous navigation & a unique solution for chicken avoidance
- Multiple cross-correlating data sets

Based on the advances made during the study, the RoboChick Consortium will present the new findings in the context of the poultry industry both present and future.