## LIVESTOCK APPLICATIONS





### **POULTRY**

- Improved ambient conditions.
- Less farm management work.
- Dry litter.
- Less mortality and diseases associated with litter humidity and ammonia generation (Pododermatitis, etc.).



### **SWINE**

- Specific application for mother houses, focusing the heat on the piglets.
- Temperature stability in weaning houses. Reduction of diseases.
- No maintenance problems or cost overruns.



#### **OTHER**

- Heat focused on specific areas of the house, without the need for physical separations.
- Reduction of humidity in the litter.
- Reduction of Coccidia levels.

#### **IMPROVEMENT OF:**

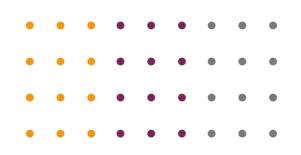
**CONVERSION RATE ANIMAL BANIMAL WELFARE** 

PATHOLOGIES AND SUPPLY OF MEDICINES



#### **REDUCTION OF:**

AMMONIA AND CO2 EMISSIONS **MORTALITY** 





# INNOVATION IN ELECTRIC HEATING FOR THE IMPROVEMENT OF ANIMAL WELFARE

**SMART, EFFICIENT HEATING** WITH CLEAN ENERGY





+34 628 239 986





31192 Tajonar (Navarra) - SPAIN



## **ELECTRIC AND EFFICIENT HEATING**

- ADJUSTMENT OF CONTRACTED POWER.
- COMPATIBLE WITH PHOTOVOLTAIC GENERATION.
- INTELLIGENT MANAGEMENT OF ENERGY SAVINGS.
- REDUCTION OF CO2 EMISSIONS.
- POSSIBILITY OF ON-SITE ELECTRICITY GENERATION.
- CONSUMPTION OPTIMIZATION STUDY.

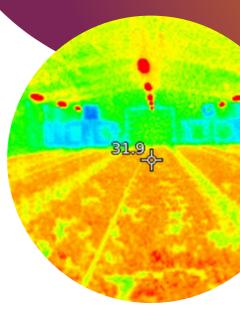
# AVIR SYSTEM®: HEATERS+ SENSORS+ AUTOMATON+ DISPLAY + DATUM -> PRODUCTIVES DECISIONS

- In-house heating system designed for livestock environments.
- Automaton with management of heating zones to reduce energy consumption.
- Data management for proper decision making.
- Intuitive control from your cell phone.
- Easy installation, customized and without stopping production.



# FOCUSED HEAT WE HEAT BODIES, NOT THE AIR.

- ENERGY SAVINGS.
- · BEDDING DRYING.
- TEMPERATURE STABILITY.
- NO DRAFTS, NO NOISE, NO LIGHT.
- POSSIBILITY OF DIFFERENT SET POINT TEMPERATURES IN THE SAME BUILDING.
- EASY CLEANING. IMPROVED WORKING CONDITIONS ON THE FARM.
- LOW MAINTENANCE COST.



### FAR INFRARED FOR LIVESTOCK FARMING

The far infrared heat produced by AVIR heats the bodies directly without heating the air volume, producing a comfortable and gentle heat. It does not emit light or make noise.

The AVIR HEATER is a robust, high quality material, electrical and maintenance-free heater. With its design, it provides a modern, industrial solution, which facilitates cleaning in demanding environments thanks to its IP65 rating. The oval shape, with no edges or gaps, prevents the deposit of dirt.

The heat emitted, of medium temperature, is very pleasant for animals and workers. The risk of fire in the halls is minimized.







