



IK4  TEKNIKER
Research Alliance

IoT & ZHC- SDG 2

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750M people are undernourished




1 out of 4 children are undernourished
1 out of 3 children in developing countries



Farming livelihood of **40%** of the population

500M small farms worldwide: **80%** of food





**“If we can
conquer space,
we can conquer
childhood hunger.”**

-Buzz Aldrin



Keely Joy Photography, Inc

ZERO HUNGER CHALLENGE

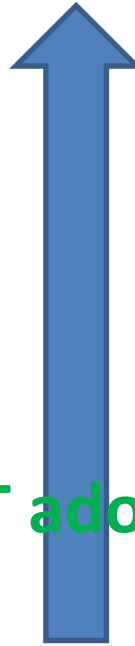
— TRANSFORMING OUR FOOD SYSTEMS TO TRANSFORM OUR WORLD —

Smart farming



Farming

IoT adoption



Hunger



Zero hunger



Affordable systems



Energy non – dependant
systems



Universal technological
solutions



The background of the slide features a map of Europe. Various colored pins are placed across the map, each containing a small icon representing a different agricultural sector: a wheat stalk for arable, a slice of cheese for dairy, a bunch of grapes for fruit, an apple for vegetables, and a piece of meat. A red circle highlights a specific pin in the Iberian Peninsula, which contains a green icon with a white arrow pointing upwards. A large blue speech bubble with a white border points from this red circle towards the center of the slide, where the text 'Meat Use Case: Poultry Chain Management' is displayed. In the top right corner of the map area, the text 'Trials' is visible. On the right side, there is a vertical list of six circular icons, each with a label: 'Arable' (wheat), 'Dairy' (cheese), 'Fruit' (grapes), 'Veg.' (apple), and 'Meat' (meat). The 'Meat' icon is highlighted with a green background. In the top left corner of the map area, there is a small brown circle containing the text '20 20'. The text 'INTERNET OF FOOD' is partially visible on the left side of the map.

Meat Use Case: Poultry Chain Management



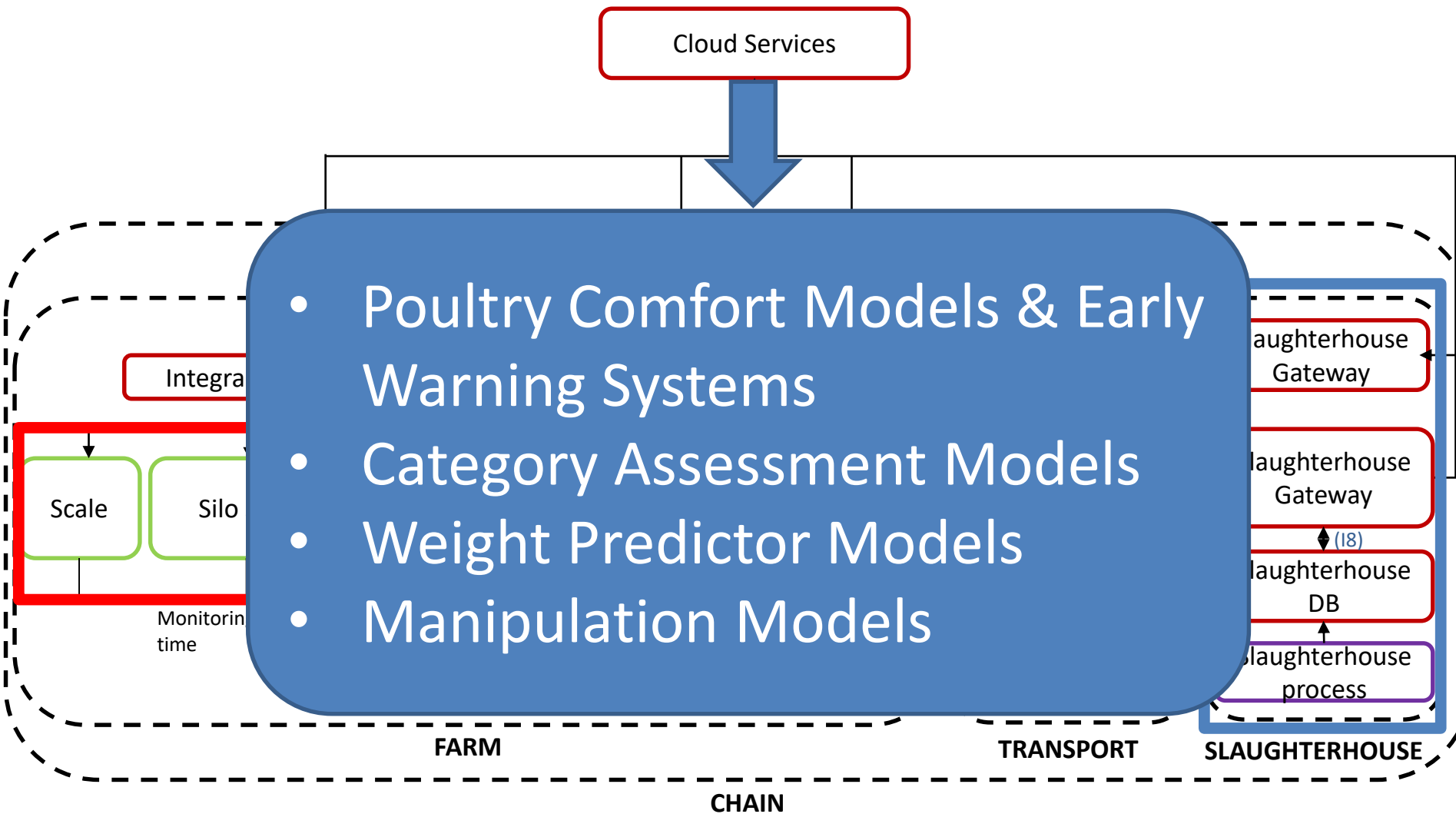
Efficient poultry
production



Monitor and optimize
handling and transport



Optimize slaughtering





Increase of small producers
competitiveness



Encourage local
production



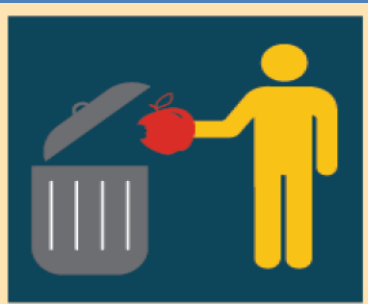
Reduction of prices



Better use of natural
resources



Adoption of technology



Minimize poultry dead



Access to healthy food

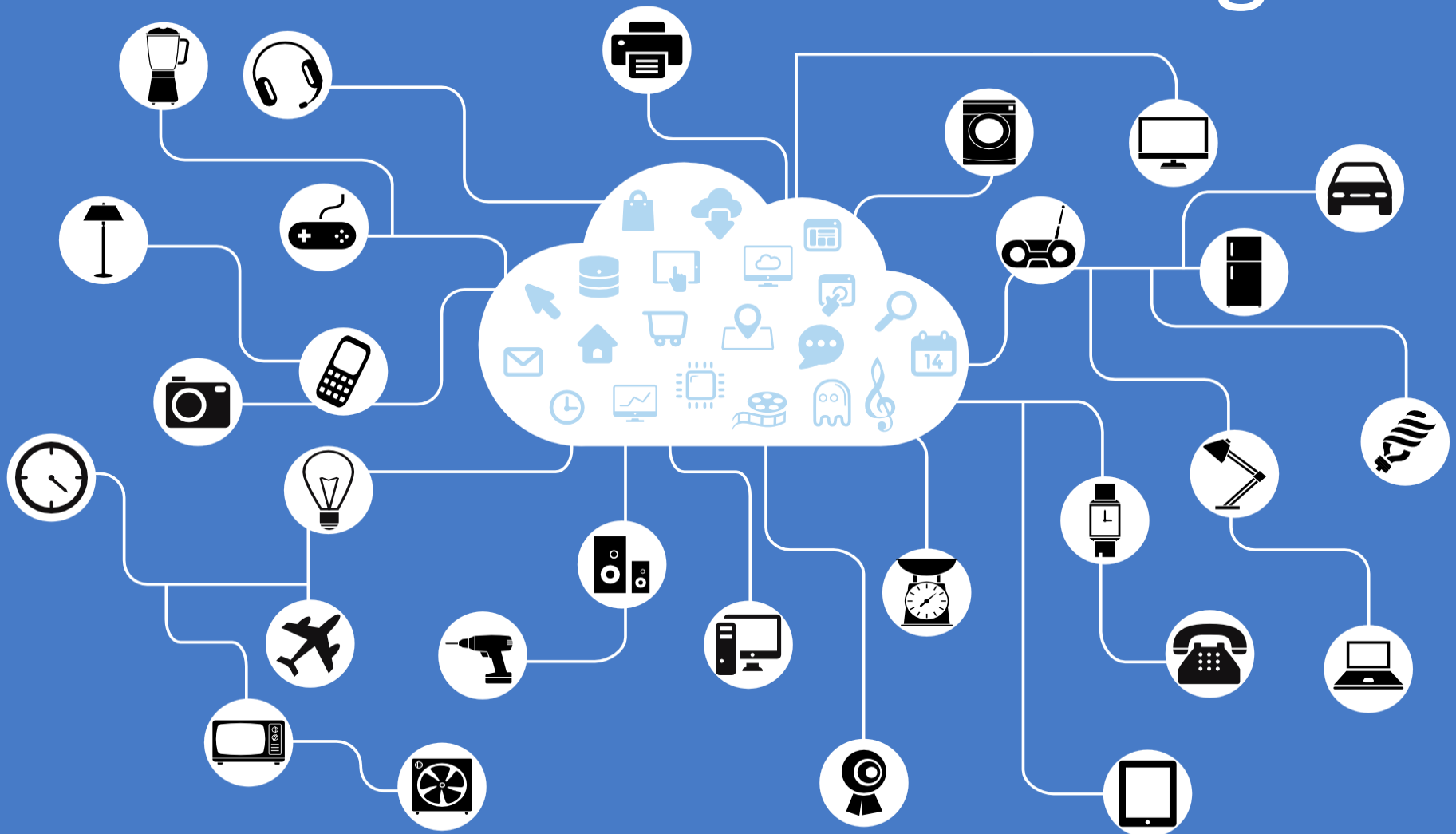


Access to nutritious food

Farming driver of ZHC



IoT driver of Smart Farming





Affordable systems



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Thanks

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