

Livestock Production Optimization Platform | Hatchery Automation

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Leveraging data to transform livestock value chain management

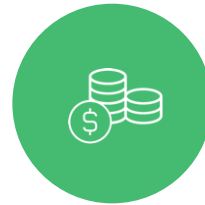
We provide an end-to-end precision livestock management & decision support platform (*LPO – Livestock Production Optimization*), that translating uncertain biological processes into data-driven operations.



Founded
Israel,
Feb 2018



Funds raised
Round A



Status
OEM + Initial
Revenues



Team
Farmer's DNA

Optimization – Do More With Less

Continues optimization is a 'must' for sustainability and sustainable competitive advantage so

What holds us back?

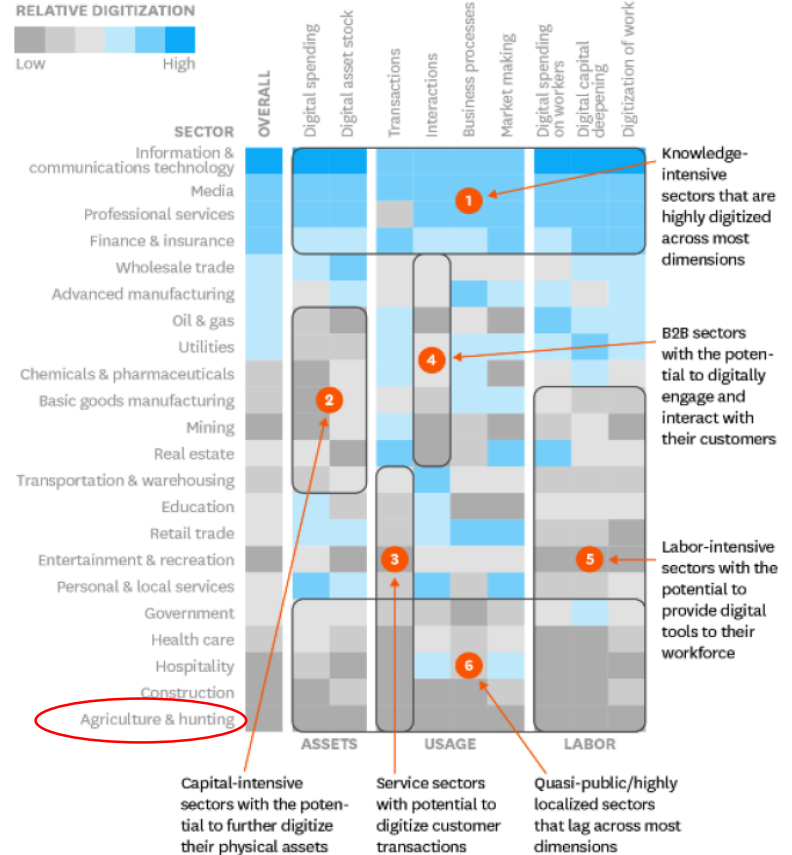


Digitalization

- Need to improve data collection & sharing across the value chain
- Lack of real-time information systems
- “PC phobia”

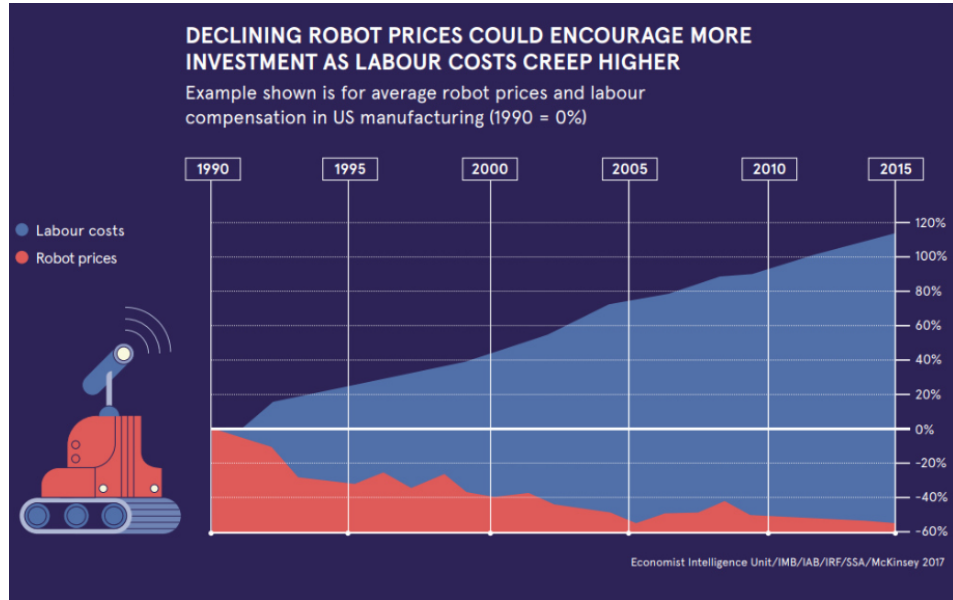
How Digitally Advanced Is Your Sector?

An analysis of digital assets, usage, and labor.



Automation

- Lack of clear ROI
- Much more complicated than familiar & stable production lines
- Labor costs are still relatively low



Hatcheries – current challenges

- Based on human labor
- Fixed & predefined timings
- Manual batch planning
- Limited visibility of actual inventory and resource availability



Auto Hatchery – our Idea

Automated optimized planning of hatchery operations' that will be executed by autonomous mobile robots in a modified designed hatchery set-up

Auto Hatchery concept

Expected Key Benefits:

- Increased yield by optimized hatching processes
- Improved bio-security
- Cost reduction and labor-saving
- Human error reduction

Hatchery automation require:

Software Management Tool

- State of the art hatchery solution
- Entire value chain support
- Visually intuitive, user-friendly and easy to implement

Robotics & Peripheral Hardware

- Autonomous
- Safe and reliable
- Can work in harsh conditions
- Can lift/push up to 600kg (1,350 Lbs.)

Hatchery / Equipment Providers

- Doors redesign
- Obstacle Removal
- Wireless readers
- Integration between setters / hatcher controllers and software management

Connectivity and Zero Typing

- NFC / RFID based stand-alone devices ('tag')
- Preloaded with relevant product data
- Attached to each trolley or tray
- Wireless connection to the management software via gates or mesh networking



Optimization – Do More With Less





Smart Livestock Process Optimization

Thank You.

