

TeAMa platform as an innovative technology for pasture management in mountain areas

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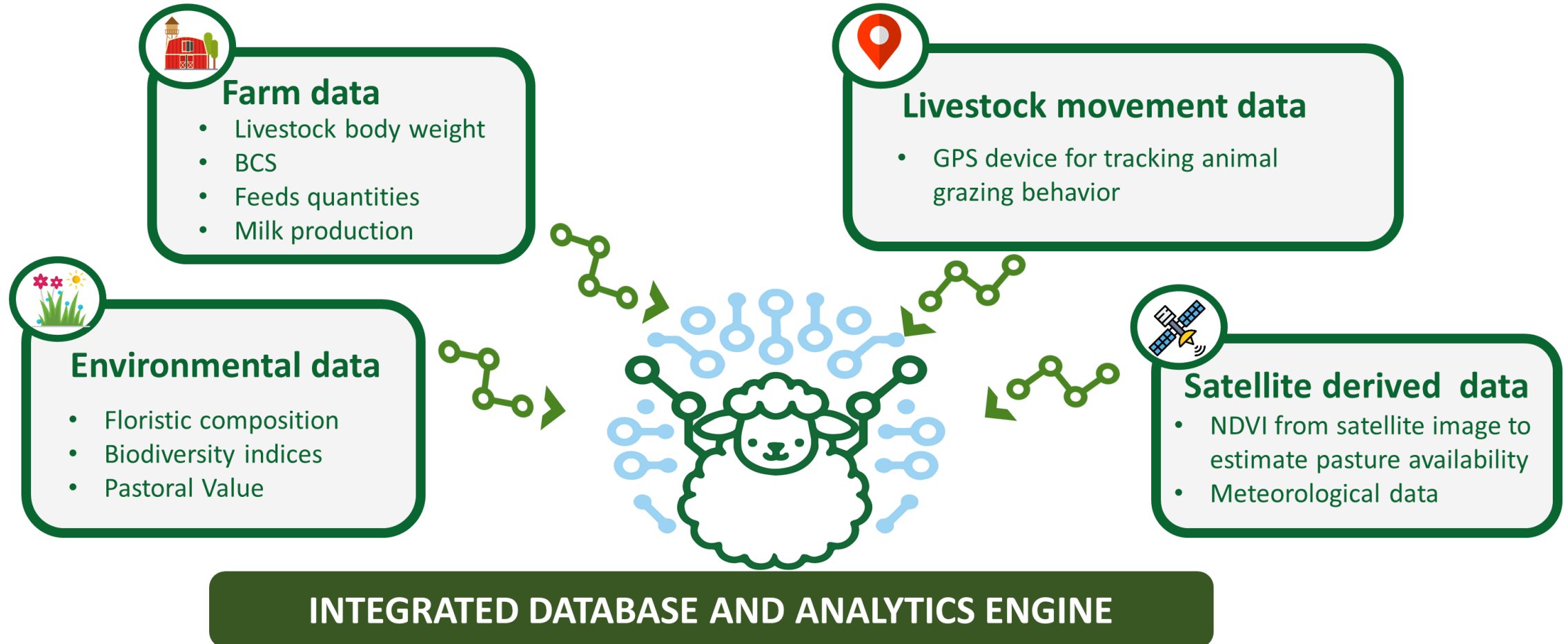
OBJECTIVE

To increase profitability and
sustainability of sheep farming

- Developing an integrated dashboard that collects, integrates, and analyzes data from heterogeneous sources to support strategic decision-making and optimize farm management;
- Enhancing the value of milk, meat, and wool produced in mountain pasture-based systems.

TeAMa PLATFORM – FROM DATA TO DECISION

TeAMa is a decision-support platform developed and tested in dairy sheep farm under real mountain conditions. It integrates multidisciplinary data to provide indicators and reports that support farmers in efficient and sustainable pasture and livestock management.



THEMATIC REPORT FOR DECISION MAKING

ENVIRONMENTAL AND ECOSYSTEM REPORT

Assesses grazing system quality and environmental sustainability

Key factors:

- Biodiversity indices
- Pastoral value based on vegetation composition



+ Highlights the high natural value of mountain areas

AGRONOMIC REPORT

Analyzes grazing distribution and pasture use.

Key indicators:

- Grazing areas
- Available pasture biomass
- Pasture land use



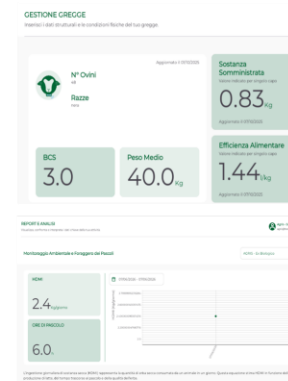
+ Supports efficient grazing management

LIVESTOCK PERFORMANCE REPORT

Summarizes flock productivity and nutrition

Key factors:

- Mean live weight
- Average BCS
- Individual feed intake
- Milk Production
- Feed Conversion Ratio (FCR)



+ Continuous monitoring and optimization of feeding strategies

KEY BENEFITS

- Improved flock performance;
- Optimized pasture use;
- Enhanced the environmental value of grazing areas;
- Increased farmers' awareness and informed decision-making

CONCLUSIONS

TeAMa demonstrated to be a **decision-support tool** for efficient and sustainable livestock and pasture management. **It requires farmers' commitment to data collection and data entry, enhancing knowledge and supporting informed decision-making**

Thank you for your attention
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