Food and Agriculture Organization of the United Nations

Livestock Sector Investment and Policy Toolkit (LSIPT) WebApp

User manual

Contents

1. Overview

HOW THE LSIPT IS ORGANIZED
A TOOLKIT

Livestock Sector Preparation

- → Initial Assessment
- → Coalition for Change

Livestock Sector Diagnosis

- → Household Level
- → National Level

Livestock Sector Choices

- → Strategy, Action Plan and Advocacy
- → Monitoring and Evaluation

LSIPT WebApp

LSIPT WEBAPP FEATURES

Location, animal population

Main type

Sub-system

Livestock Production System (LPS)

Business-as-usual scenario

Alternative scenario

Production

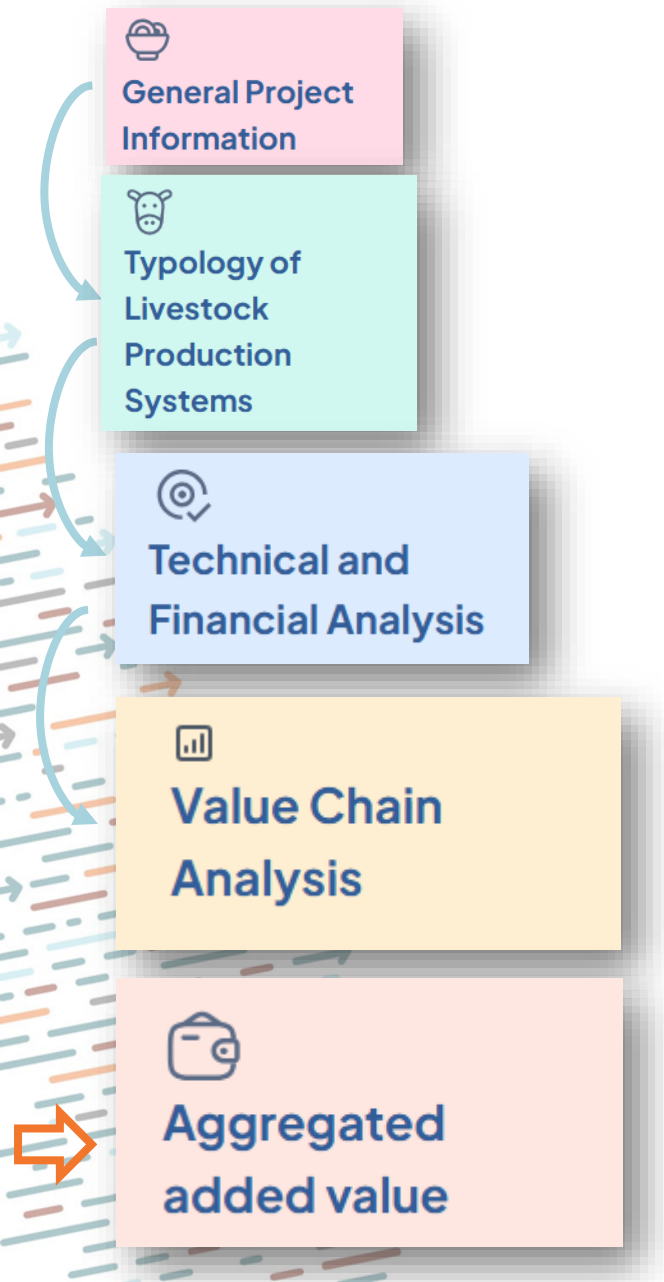
Cost, income

Investment costs

Production

Cost, income

LSIPT WEBAPP FEATURES (ongoing development)



Location, animal population

Main type

Sub-system

LPS

Business-as-usual scenario

Production

Cost, income

Investment & profitability

Alternative scenario

Production

Cost, income

Value added by intermediaries

Evolution of the contribution (added value) with or without scenario

2. Log in

Log in

Sign in

Email address

Password

Sign in

Don't have an account? Create an account

Food and Agriculture Organization of the United Nations

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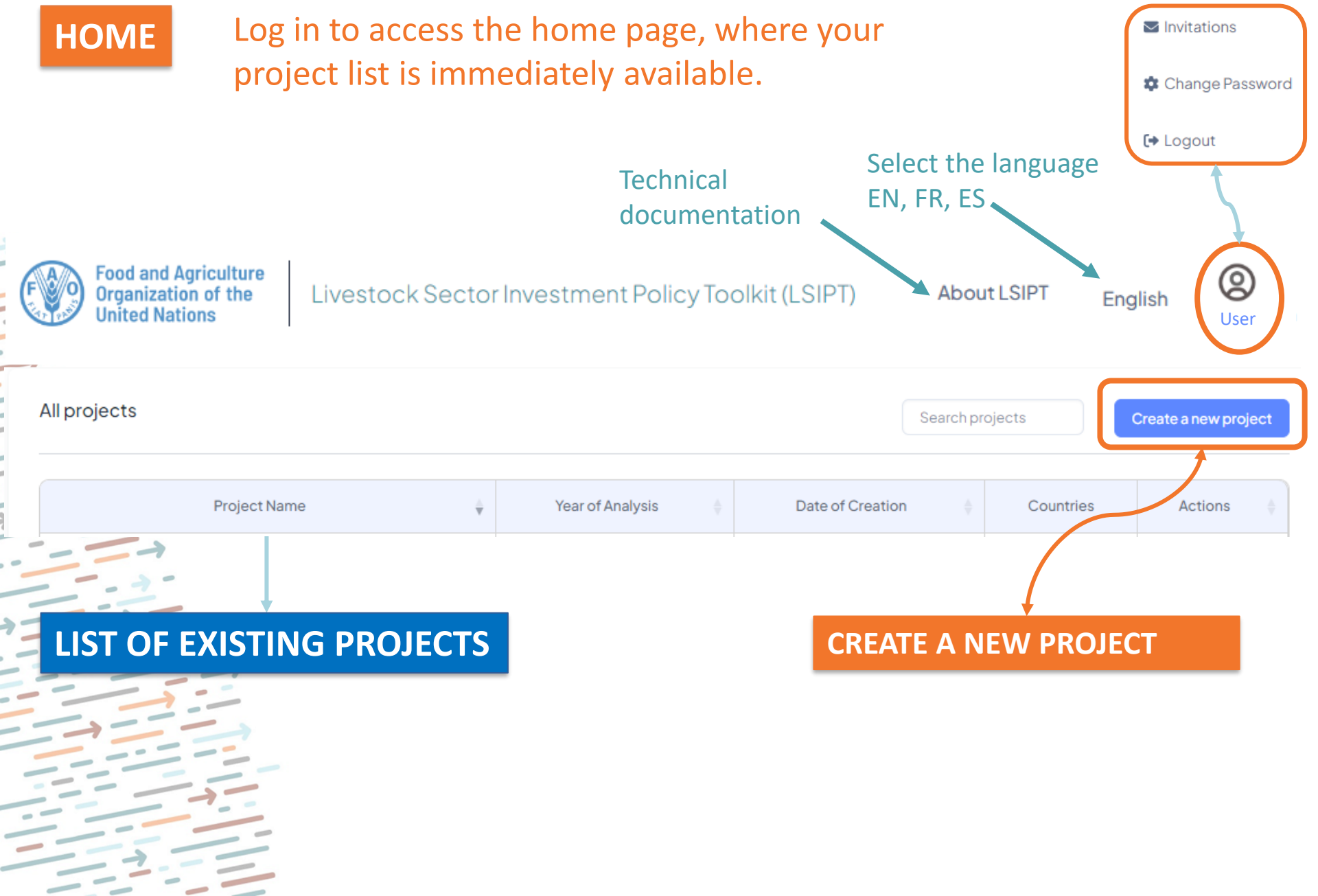
Sign up

HOME

Log in to access the home page, where your project list is immediately available.



STEPS OF THE ANALYSIS

1. Create a project
2. Describe the typology of representative livestock production systems
3. Analyze the performance of production systems (technical and financial)
   - Demographic model
   - Non-demographic model
4. Compare a business-as-usual scenario (BAU) to an alternative scenario

UPDATE THE INPUT DATA

- List of existing projects
- Update project information (e.g., number of animals)
- Update the typology
- Adjust data for production systems

3. Steps of the analysis (create a project)

CREATE A NEW PROJECT

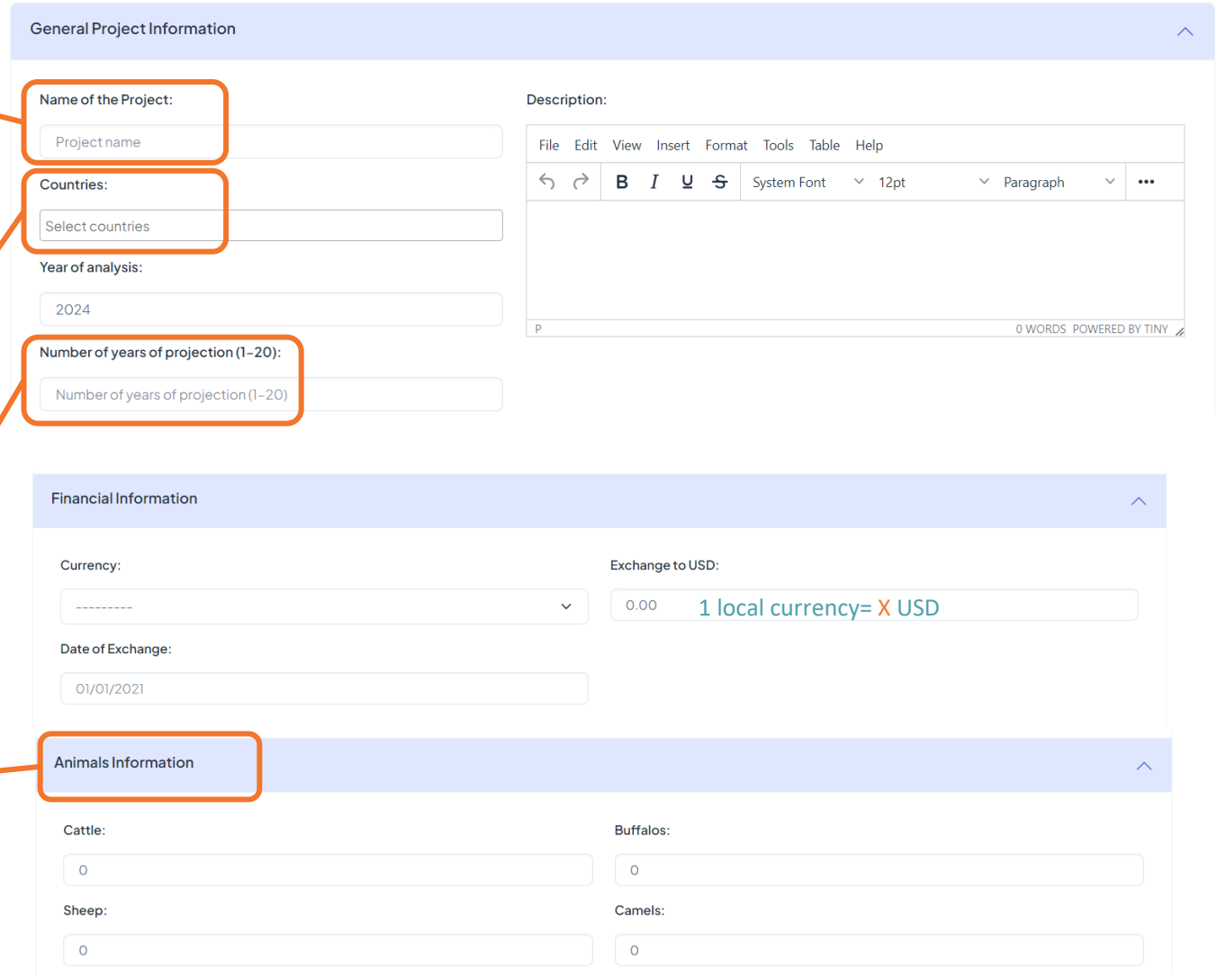
Create a new project

The project name is unique and typically refers to the study area.

The project can cover multiple countries.

The analysis period is set at the project level and will be used for prospective analysis (between 1 and 20 years of projection).

The number of animals (heads) corresponds to the total number of animals by species in the project area.



Save

Project Dashboard

← Back to Projects

TYPOLOGY

Project name

Project Dashboard

← Back to Projects

General Project Information

Typology of Livestock Production Systems

Technical and Financial Analysis

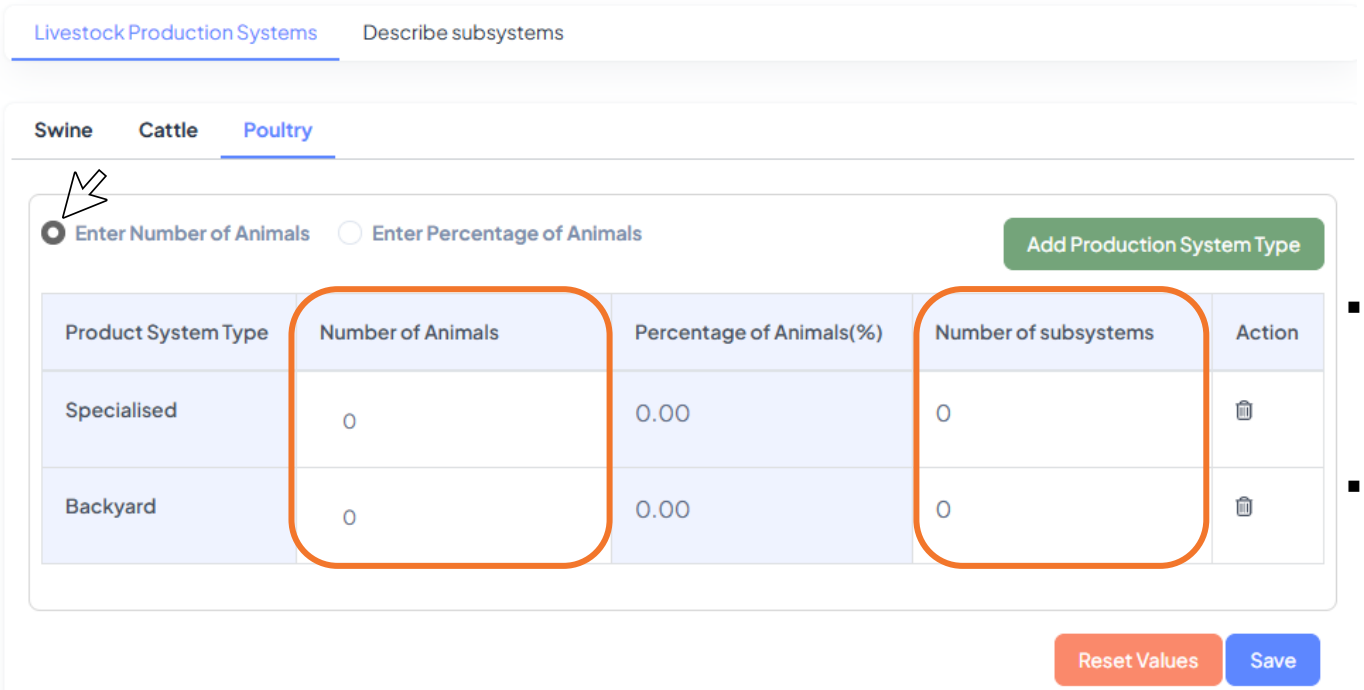
TYPOLOGY OF PRODUCTION SYSTEMS

Main types

Objective: Identify and describe the main types of production systems of the project and the representativeness of each livestock production system (LPS). The typology of the LPS serves as the entry point for the analysis.

The herds within an LPS share similar production and husbandry practices and are likely to face the same socio-economic challenges and enhancement options.

To characterize the main production systems (types of LPS), the LSIPT proposes using the Seré and Steinfeld classification (1996), which is based on agroecological zones and feed resources. The subsystem (LPS) is the smallest unit of analysis, and the technical and economic performance is analyzed at this level.



Main types

- Option 1: Insert the number of animals by type and by species, and the number of associated subsystems
- Save before moving to the description of subsystems

TYPOLOGY OF PRODUCTION SYSTEMS

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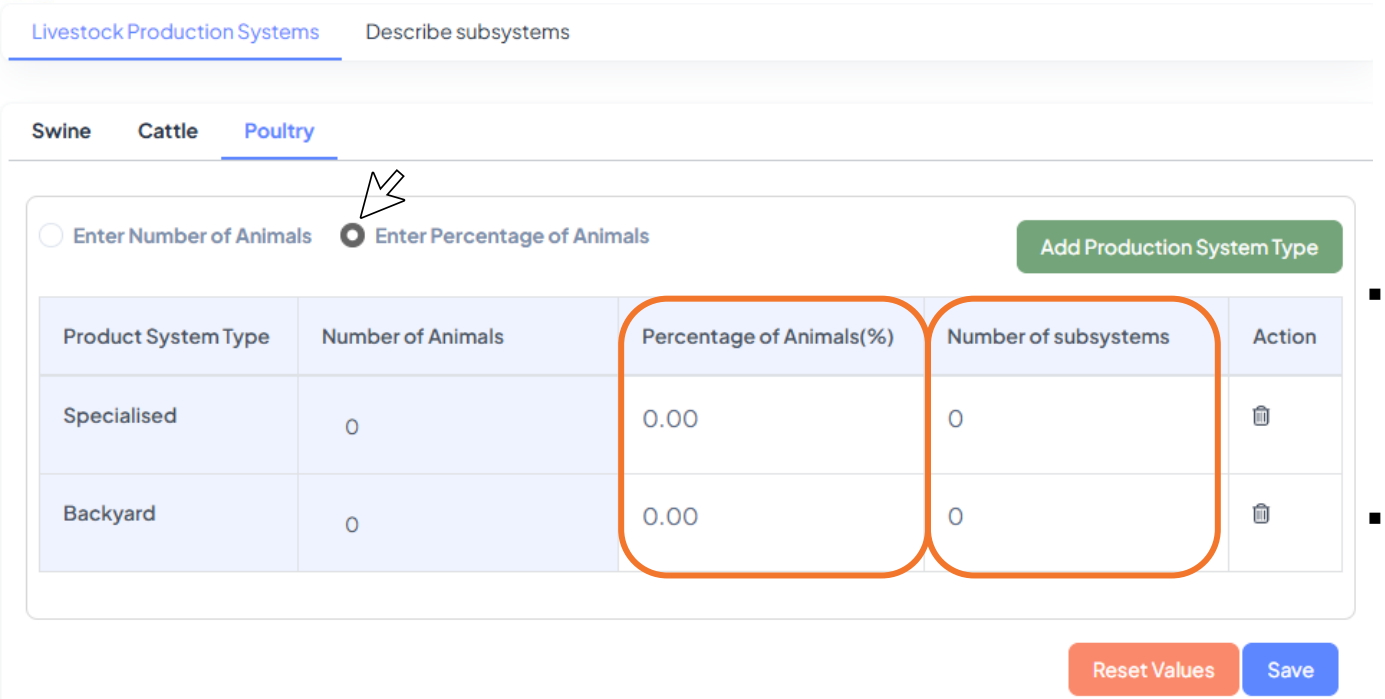


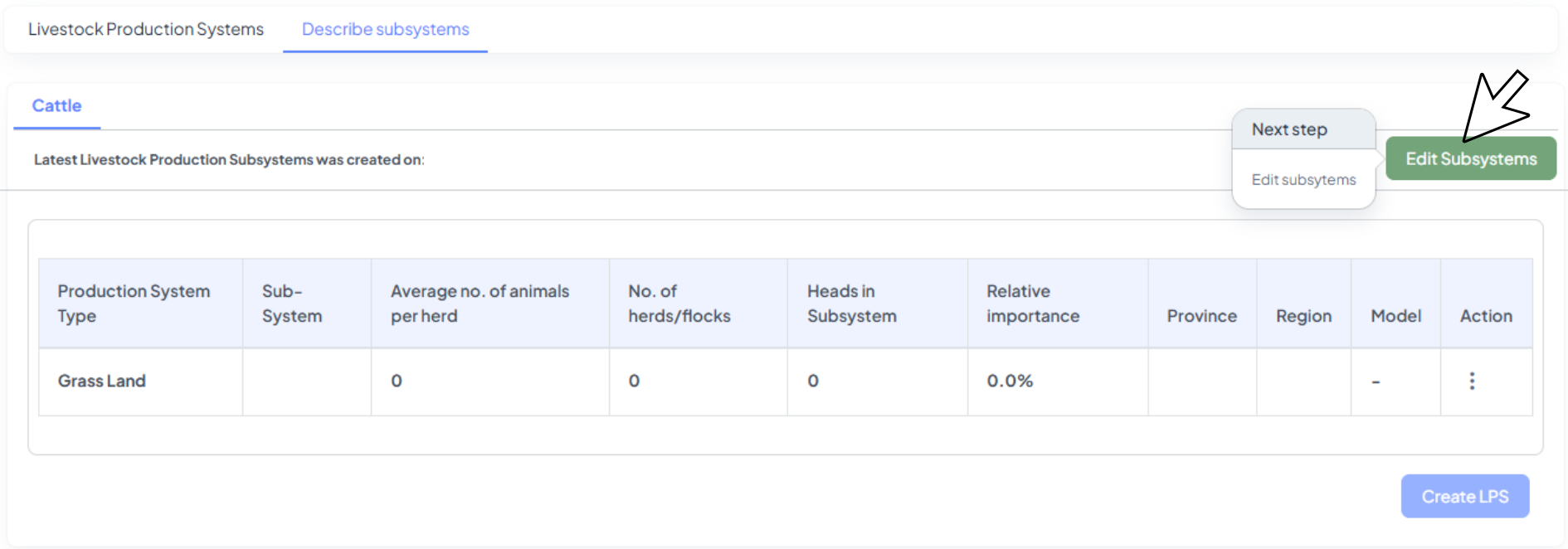
Main types

- Option 2: Insert the percentage of animals by type and by species, and the number of associated subsystems
- Save before moving to the description of subsystems

TYPOLOGY OF PRODUCTION SYSTEMS

Subsystems

Objective: Describe each livestock production system in the project and its representativeness within the species.



TYPOLOGY OF PRODUCTION SYSTEMS

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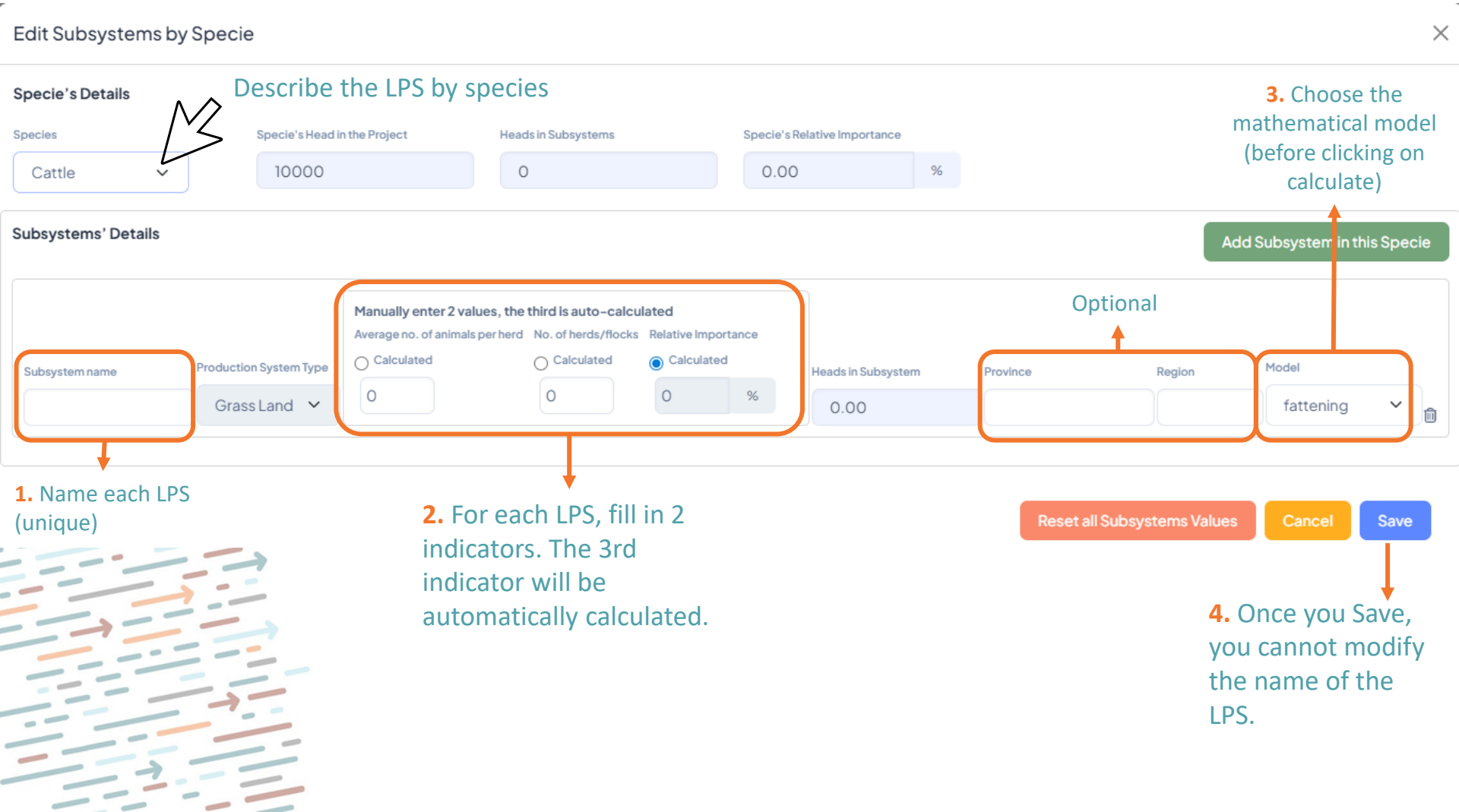

TYPOLOGY OF PRODUCTION SYSTEMS

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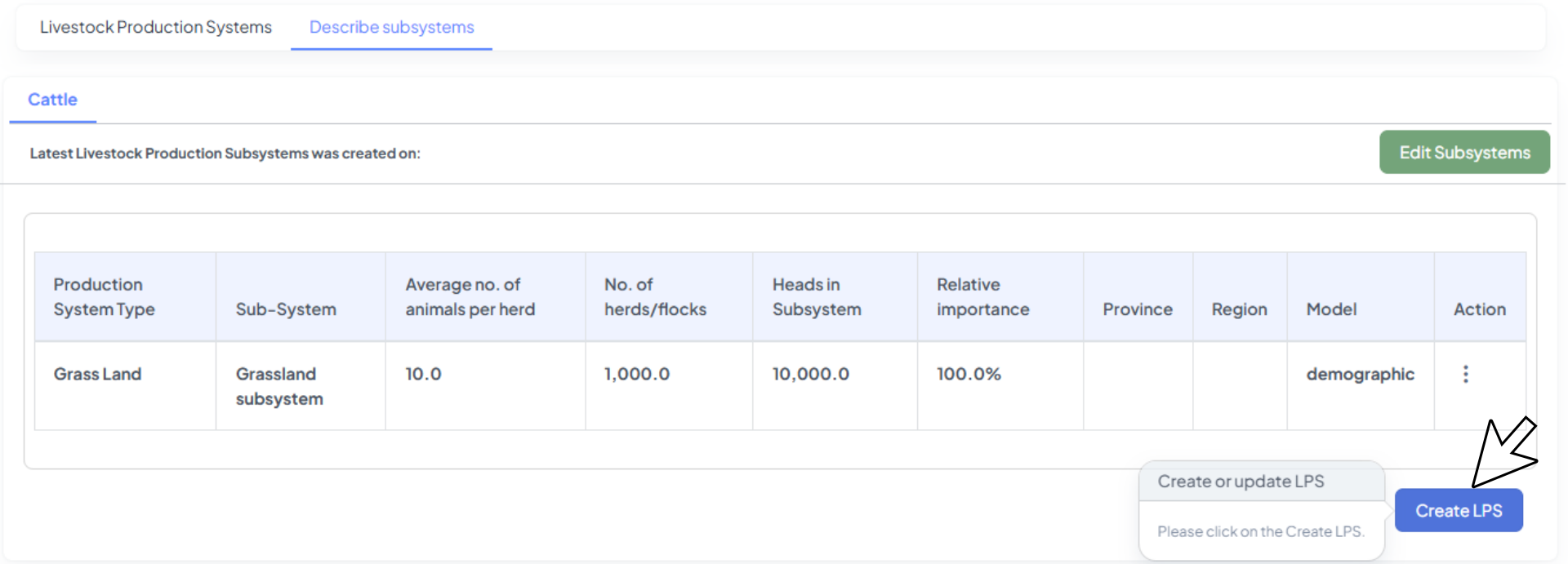
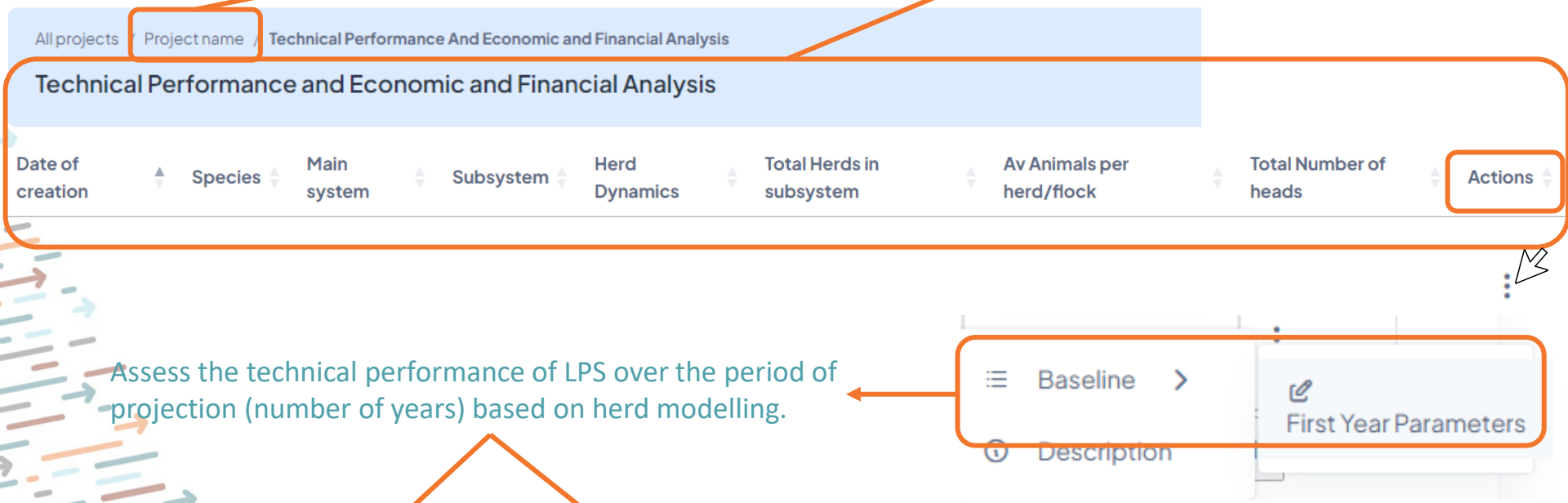


5. Last step: create the list of LPS et conduct the analysis

INITIATE THE ANALYSIS OF PRODUCTION SYSTEMS (LPS)

Back to the project dashboard (all modules)

List of livestock production systems (LPS) and steps of the analysis



Assess the technical performance of LPS over the period of projection (number of years) based on herd modelling.

DEMOGRAPHIC MODEL – BASELINE SITUATION

NON DEMOGRAPHIC MODEL– BASELINE SITUATION

DEMOGRAPHIC MODEL – BASELINE SITUATION

project name / Technical Performance And Economic and Financial Analysis

Technical Performance and Economic and Financial Analysis

← Back to Project Dashboard

Describe the herd structure either in number of animals or in percentage (%)

Parturition rate: 0.00

Prolificacy rate: 0.0

Percentage of females at birth (%): 0%

Age Class	Class Length (Months)	Nb. of animals	% of animals	Mortality Rate (%)	Offtake Rate (%)
Female Juvenile	0.0	0.0	0.00%	0.0%	0.0%
Female Sub Adult	0.0	0.0	0.00%	0.0%	0.0%
Female Adult	0.0	0.0	0.00%	0.0%	0.0%
Male Juvenile	0.0	0.0	0.00%	0.0%	0.0%
Male Sub Adult	0.0	0.0	0.00%	0.0%	0.0%
Male Adult	0.0	0.0	0.00%	0.0%	0.0%

Dressing percentage (%): 0.0%

Lactation period (days): 0

Milk production per day (liters): 0.0

Total annual production (liters): 0

Calculated automatically

Age Class	Live weight (kg/animal)	Offtake Price	Imported Animal Price	Hides and skins (kg/animal)	Wool (kg/animal)	Organic matter per d
Female Juvenile	0	0	0.0	0.0	0.0	0.0
Female Sub Adult	0	0	0.0	0.0	0.0	0.0
Female Adult	0	0	0.0	0.0	0.0	0.0
Male Juvenile	0	0	0.0	0.0	0.0	0.0
Male Sub Adult	0	0	0.0	0.0	0.0	0.0
Male Adult	0	0	0.0	0.0	0.0	0.0

Initialize LPS

Back to LPS List | Save parameters | Go to Technical Performance Analysis

Then run the model over the years of projection, using the parameters from the base year as a reference.

Enter the parameters (minimum ☆) and save the data

DEMOGRAPHIC MODEL–TECHNICAL PERFORMANCE ANALYSIS (inputs)

project name / Technical Performance And Economic and Financial Analysis / LPS name / Inputs / Technical Performance Analysis

Lps Name - Demographic - Technical Performance Analysis (Baseline)

← Back to Project Dashboard

Input Parameters

Calibrate the model
Modify the input parameters over the years of projection when applies, then save to get the results.

Reproduction | Yearly Class Length (Months) | Yearly Mortality Rates (%) | Yearly Offtake Rates (%) | Yearly Offtake Prices | Animal Imports | Animal Imports Price

Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Parturition rate (per year)	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
Prolificacy Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Probability of female births (%)	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%

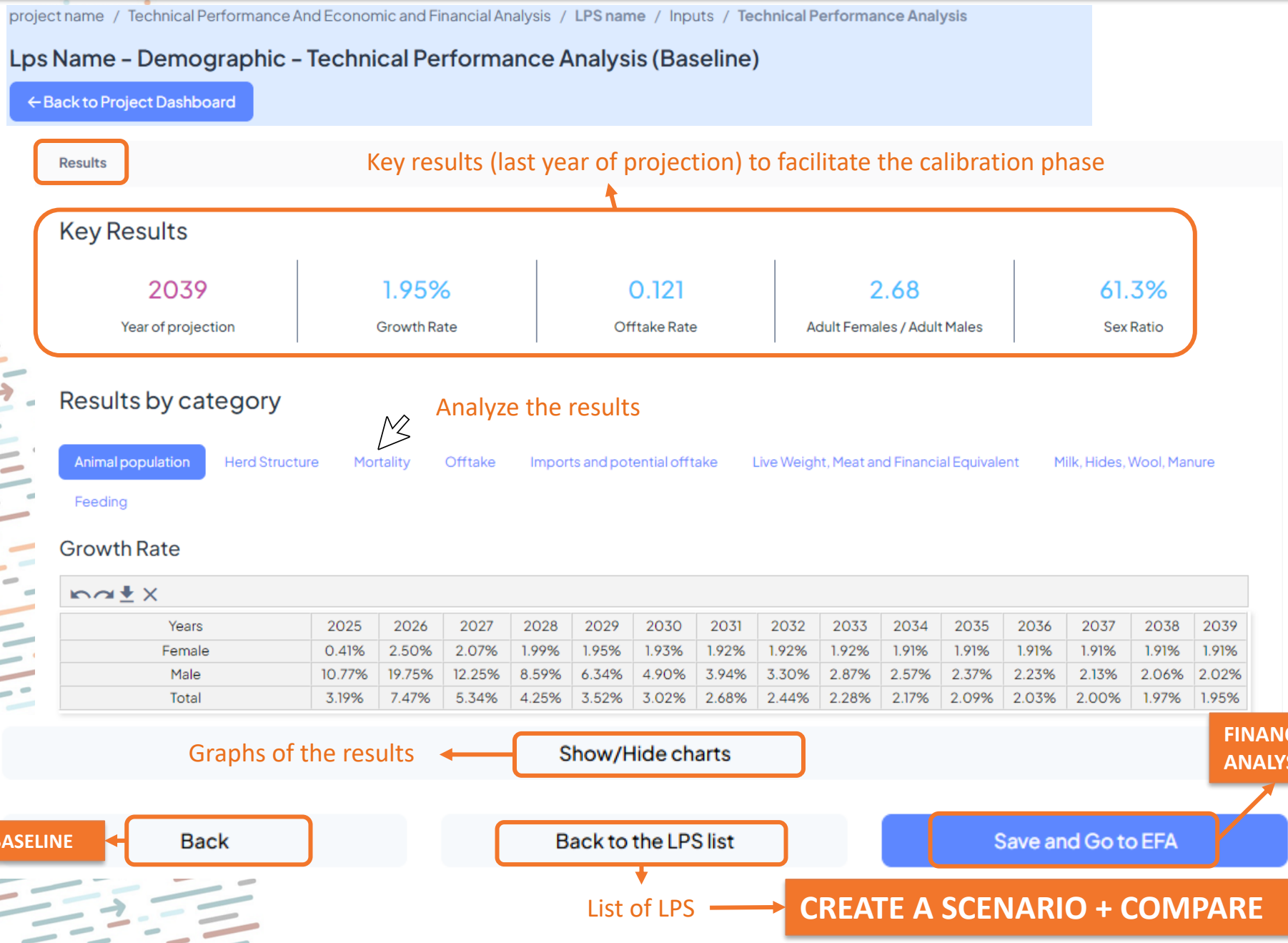
Production | Live Weight (kg/animal) | Hides and Skins (kg/animal) | Wool (kg/animal) | Organic Matter per Day (kg/animal)

Daily Dry Matter Requirement (% per kg live weight)

Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	203
Lactation period (days)	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230.0	230
Daily milk production (liters/animal)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Annual milk production (liters/animal)	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184.0	184
Meat Dressing percentage (%)	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.0

Save Yearly Parameters

DEMOGRAPHIC MODEL–TECHNICAL PERFORMANCE ANALYSIS (outputs)



Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Female	0.41%	2.50%	2.07%	1.99%	1.95%	1.93%	1.92%	1.92%	1.92%	1.91%	1.91%	1.91%	1.91%	1.91%	1.91%
Male	10.77%	19.75%	12.25%	8.59%	6.34%	4.90%	3.94%	3.30%	2.87%	2.57%	2.37%	2.23%	2.13%	2.06%	2.02%
Total	3.19%	7.47%	5.34%	4.25%	3.52%	3.02%	2.68%	2.44%	2.28%	2.17%	2.09%	2.03%	2.00%	1.97%	1.95%

DEMOGRAPHIC MODEL–FINANCIAL ANALYSIS (inputs)

project name / Technical Performance And Economic and Financial Analysis / LPS name / Inputs / Technical Performance Analysis / Financial Analysis

Lps Name - Demographic - Financial Performance Analysis (Baseline)

← Back to Project Dashboard

Input Parameters

For each type of cost, provide the **annual** cost (unit price * quantity).

Cost of Feed | Production costs for forage and grass land maintenance | Consumables and small equipment | Taxes and contributions

Domestic costs for economic analysis | Cost of loan for working capital

Annual cost	Number of units	Unit Price
Digestible dry matter (% of feed purchased; price/kg)	0.00	0.0
Concentrates - Female adult (kg/day/animal; price/kg)	0.00	0.0
Concentrates - Sub-adult (kg/day/animal; price/kg)	0.00	0.0
Concentrates - Juvenile (kg/day/animal; price/kg)	0.00	0.0
Concentrates - Male adult (kg/day/animal; price/kg)	0.00	0.0
Additives (kg/day/animal; price/kg)	0.00	0.0
Salt and Minerals (kg/day/animal; price/kg)	0.00	0.0

By default, the unit price will be duplicated over for the entire projection period after saving the parameters.

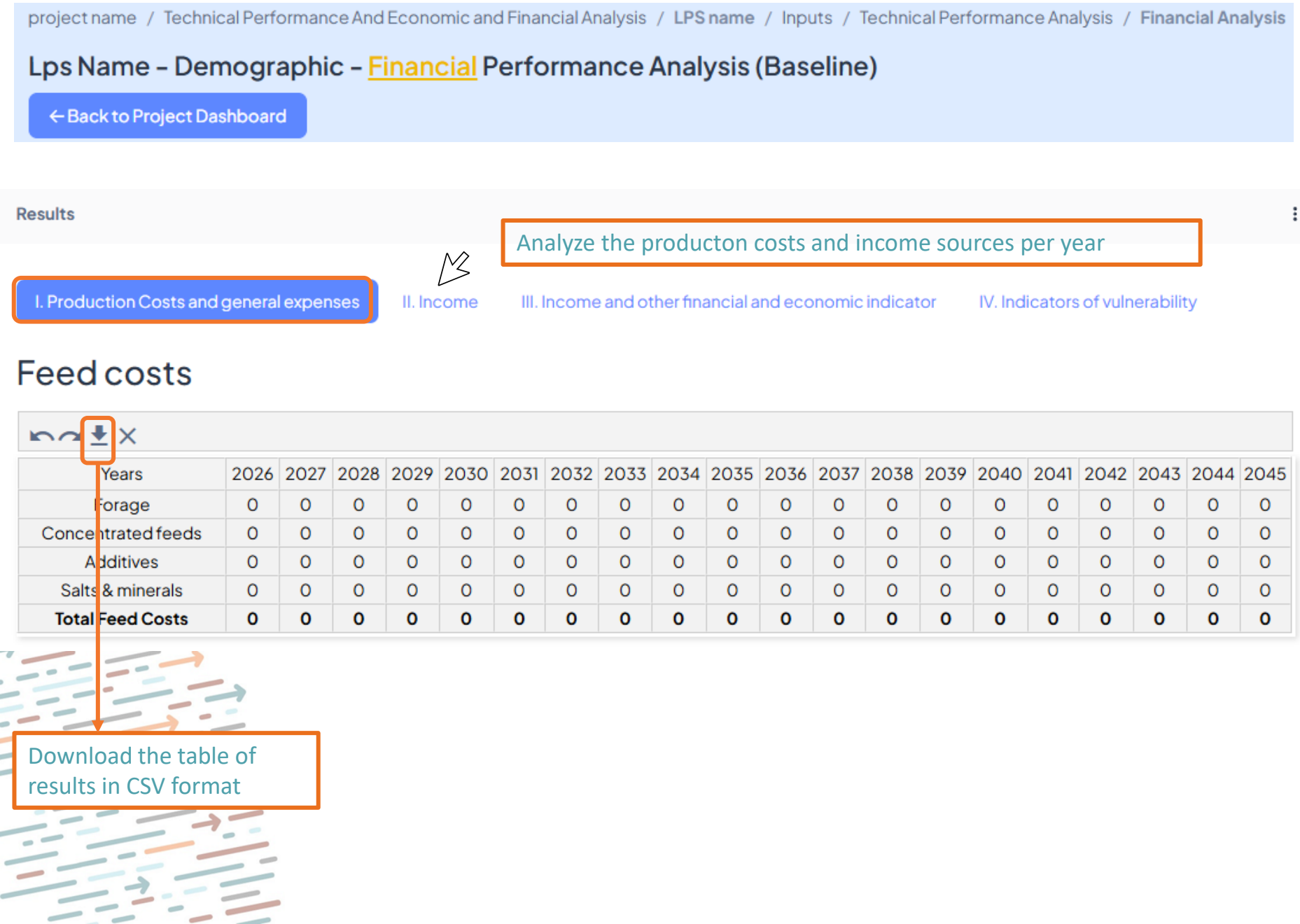
You can adjust the unit price over the years.

Price over simulation year

Annual cost	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	20
Purchased forage (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Concentrates - Female adult (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Concentrates - Sub-adult (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Concentrates - Juvenile (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Concentrates - Male adult (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Additives (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
Salt and Minerals (price/kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.

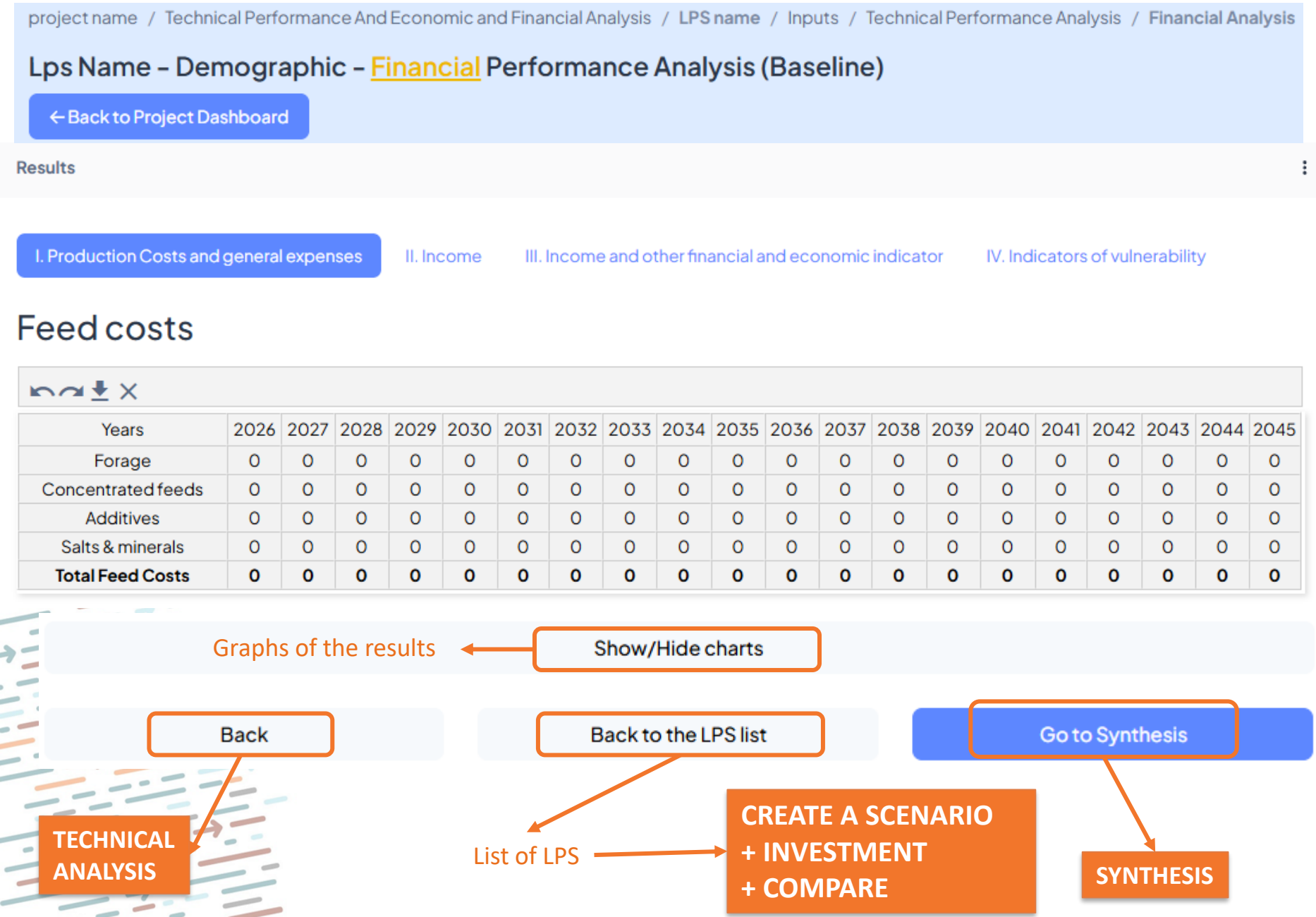
Save Yearly Parameters

DEMOGRAPHIC MODEL–FINANCIAL ANALYSIS (outputs)



Years	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Forage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Concentrated feeds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Additives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salts & minerals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Feed Costs	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

DEMOGRAPHIC MODEL–FINANCIAL ANALYSIS (outputs)



NON-DEMOGRAPHIC MODEL– BASELINE

Broiler model

Project: project name / Technical Performance And Economic and Financial Analysis / Broiler LPS / Inputs

Poultry Broiler LPS - Technical parameters - Base year (Baseline)

← Back to Project Dashboard

Input parameters

Enter the input parameters

Number of places in the hen house: 0

Number of production cycles: 0

Batch

Initial number of chicks: 0

Fallowing period (days): 0

Age at the transition starting-growth (days): 0

Mortality during starting period (%): 0.0%

Age at the transition growth-finishing (days): 0

Mortality during growth period (%): 0.0%

Age at marketing (days): 0

Mortality during finishing period (%): 0.0%

Back to LPS List

Generate the results by production cycle and by year based on the input parameters.

Initialize LPS

Go to Technical Performance Analysis

NON-DEMOGRAPHIC MODEL– TECHNICAL PERFORMANCE ANALISYS (inputs)

Broiler model

project name / Technical Performance And Economic and Financial Analysis / Broiler LPS / Inputs / Technical Performance Analysis

Broiler Lps – Broiler – Technical Performance Analysis (Baseline)

← Back to Project Dashboard

Input Parameters

Adjust the input parameters over the years of projection if applicable and save

Per production cycle	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2
Number of places in the hen house	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Initial number of chicks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Age at the transition starting - growth (Days)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Age at the transition growth - finishing (Days)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Age at marketing (Days)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Fallowing period (days)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mortality during starting period (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mortality during growth period (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Mortality during finishing period (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total feed consumption during starting (g/animal for the period)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total feed consumption during growth (g/animal for the period)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total feed consumption during finishing period (g/animal for the period)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Proportion of commercial feed (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Average live weight of chickens sold (kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Average carcass weight of chickens marketed (kg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Home-consumption / Number of chickens per year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Number of production cycles (batches) per year	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total duration of a production cycle (days)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Average number of animals during starting period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Average number of animals during growing period	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Automatically calculated values are not editable

Save Yearly Parameters

NON-DEMOGRAPHIC MODEL– TECHNICAL PERFORMANCE ANALISYS (outputs)

Broiler model

Broiler Results

Results per production year

For a year	2025	2026	2027	2028	2029	2030	2031	2032	2033	203
Number of production cycles (batches) per year	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.00
Feed consumption during starting period (kg/year)	320.898	320.898	320.898	320.898	320.898	320.898	320.898	320.898	320.898	320.8
Feed consumption during growth period (kg/year)	1926.531	1926.531	1926.531	1926.531	1926.531	1926.531	1926.531	1926.531	1926.531	1926.5
Feed consumption during finishing (kg/year)	1921.427	1921.427	1921.427	1921.427	1921.427	1921.427	1921.427	1921.427	1921.427	1921.4
Total feed consumption (kg/year)	4168.856	4168.856	4168.856	4168.856	4168.856	4168.856	4168.856	4168.856	4168.856	4168.8
Production of broiler chickens (number/year)	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.7
Live weight equivalent of chickens produced per year	2063.433	2063.433	2063.433	2063.433	2063.433	2063.433	2063.433	2063.433	2063.433	2063.4
Carcass production (kg carcass/year)	1753.918	1753.918	1753.918	1753.918	1753.918	1753.918	1753.918	1753.918	1753.918	1753.9
Consumption index over live weight (kg feed/kg live weight produced)	2.020	2.020	2.020	2.020	2.020	2.020	2.020	2.020	2.020	2.02
Consumption index over carcass weight (kg feed/kg carcass produced)	2.377	2.377	2.377	2.377	2.377	2.377	2.377	2.377	2.377	2.37
Home-consumption / Number of chickens per year	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00
Total number of animals present (number of places)	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.0
Total number of animals sold and consumed on-farm/year	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.7
Average live weight of chickens sold or consumed on-farm (kg)	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.00
Animals sold or consumed on-farm/year/place	2.063	2.063	2.063	2.063	2.063	2.063	2.063	2.063	2.063	2.06
Dressing percentage	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.0C
Offtake rate	1.032	1.032	1.032	1.032	1.032	1.032	1.032	1.032	1.032	1.03

Broiler Results

Results per production cycle

Per production cycle	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	203
Feed consumption starting (kg/cycle)	160.449	160.449	160.449	160.449	160.449	160.449	160.449	160.449	160.449	160.449	160.449	160.4
Feed consumption growth (kg/cycle)	963.266	963.266	963.266	963.266	963.266	963.266	963.266	963.266	963.266	963.266	963.266	963.2
Feed consumption finishing (kg/cycle)	960.713	960.713	960.713	960.713	960.713	960.713	960.713	960.713	960.713	960.713	960.713	960.7
Total feed consumption (kg/cycle)	2084.428	2084.428	2084.428	2084.428	2084.428	2084.428	2084.428	2084.428	2084.428	2084.428	2084.428	2084.
Production of broiler chickens (number/cycle)	515.858	515.858	515.858	515.858	515.858	515.858	515.858	515.858	515.858	515.858	515.858	515.8
Production of live weight (kg live weight/cycle)	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.717	1031.
Carcass production (kg carcass/cycle)	876.959	876.959	876.959	876.959	876.959	876.959	876.959	876.959	876.959	876.959	876.959	876.9

CREATE A SCENARIO + COMPARE

Show/Hide charts → Graphs of the results

FINANCIAL ANALYSIS

BASELINE

List of LPS

Back

Back to the LPS list

Save and Go to EFA

NON-DEMOGRAPHIC MODEL– FINANCIAL ANALYSIS (inputs)

Broiler model

project name / Technical Performance And Economic and Financial Analysis / Broiler LPS / Inputs / Technical Performance Analysis / Financial Analysis

Broiler Lps - Broiler - Financial Performance Analysis (Baseline)

← Back to Project Dashboard

Input Parameters

For each type of cost, provide the **annual** cost (unit price * quantity).

Cost of Feed | Animal purchases ☆ | Consumables and small equipment | Salaried Labour | Taxes and contributions | Domestic costs for economic analysis

Cost of loan for working capital

Annual cost	Number of units ☆	Unit Price
Purchased feed for starting (kg/year;price/kg)	0.00	0.0
Purchased feed for growth (kg/year;price/kg)	0.00	0.0
Purchased feed for finishing (kg/year;price/kg)	0.00	0.0
Produced feed for starting (kg/year;cost/kg)	0.00	0.0
Produced feed for growth (kg/year;cost/kg)	0.00	0.0
Produced feed for finishing (kg/year;cost/kg)	0.00	0.0

Valuation of animal products ☆ | Type of exchanges ☆

☆ Some input data is automatically calculated based on the technical parameters: the amount of feed, the number of day-old chicks purchased, the quantity of meat produced, and the percentage of meat self-consumed.

NON-DEMOGRAPHIC MODEL– FINANCIAL ANALYSIS (outputs)

Broiler model

project name / Technical Performance And Economic and Financial Analysis / Broiler LPS / Inputs / Technical Performance Analysis / Financial Analysis

Broiler Lps - Broiler - Financial Performance Analysis (Baseline)

← Back to Project Dashboard

Results

Analyze the producton costs and income sources per year

I. Production Costs and general expenses | II. Income | III. Income and other financial and economic indicator | IV. Indicators of vulnerability

Feed costs

Years	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
Purchased feed for starting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purchased feed for growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purchased feed for finishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Produced feed for starting	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Produced feed for growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Produced feed for finishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Download the table of results in CSV format

Filter results by year

CREATE A SCENARIO

Go to the dedicated page listing production systems to create a scenario.

project name / Technical Performance And Economic and Financial Analysis

Technical Performance and Economic and Financial Analysis

← Back to Project Dashboard

All Livestock Production Systems

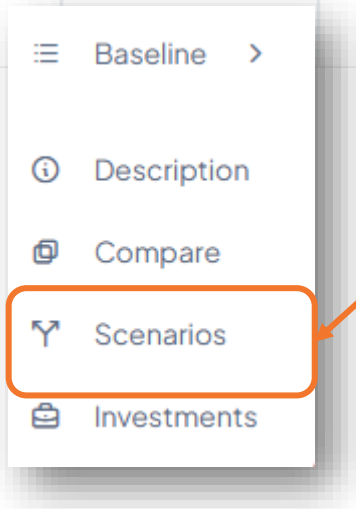
Show 10 entries

Search

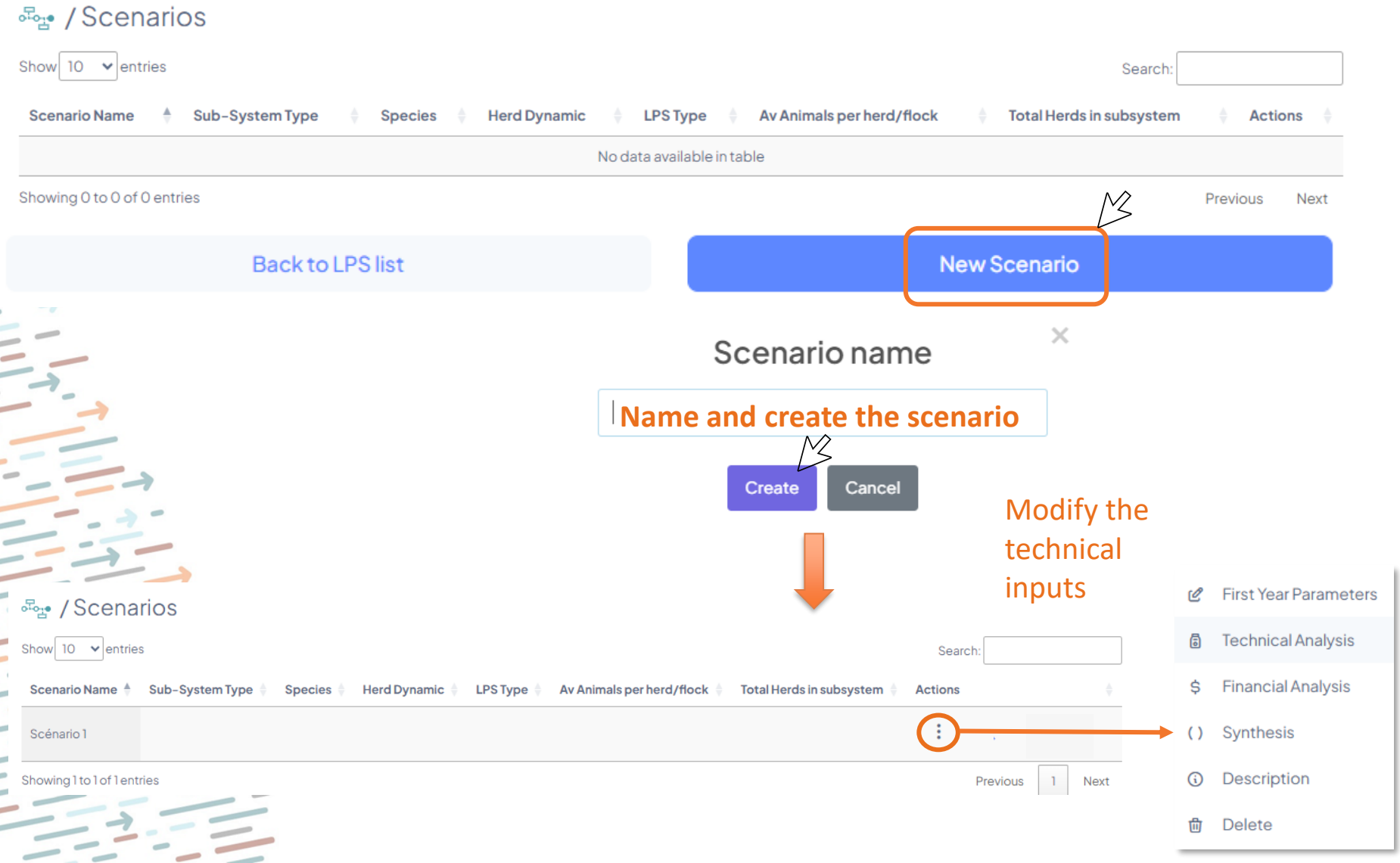
Edit Livestock Production Subsystems

Date of creation	Species	Main system	Subsystem	Herd Dynamics	Total Herds in subsystem	Av Animals per herd/flock	Total Number of heads	Actions
	Cattle	Grass Land	LPS name	Demographic	1.0		100.0	⋮

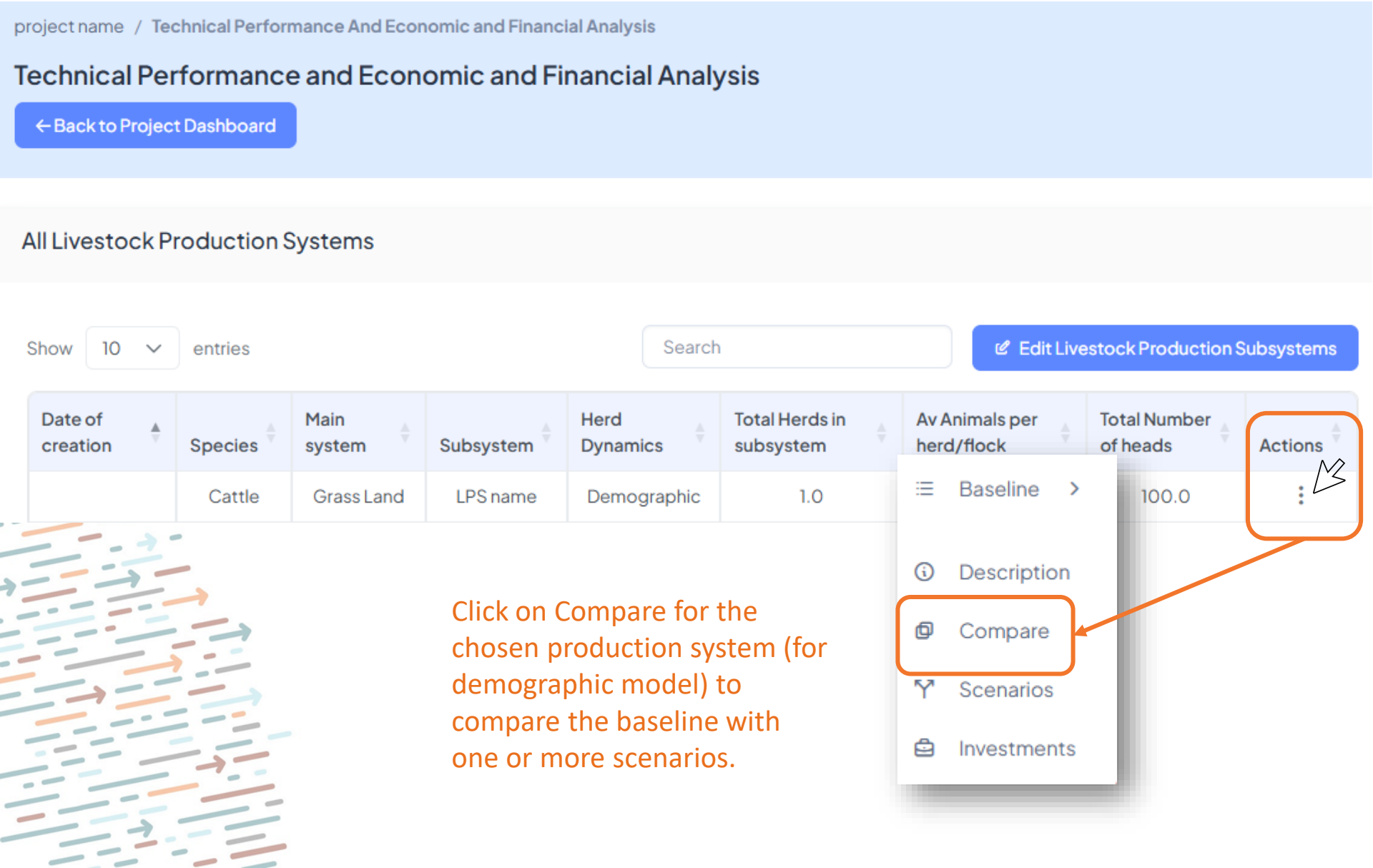
Click on Scenarios of the targeted LPS



CREATE A SCENARIO

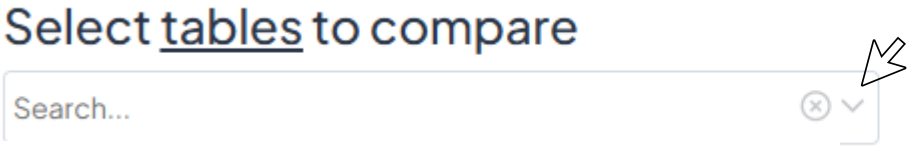


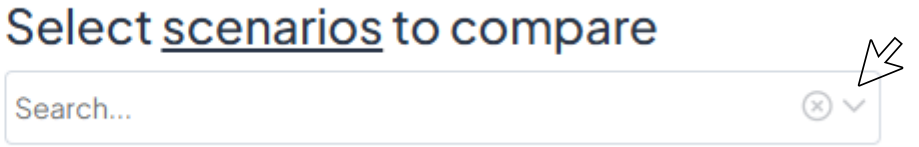
COMPARE A BASELINE WITH A SCENARIO

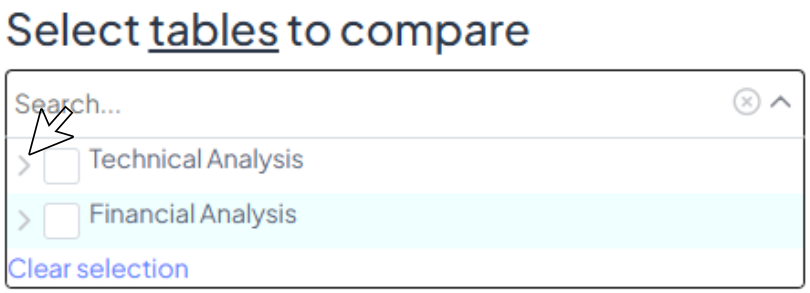


Click on Compare for the chosen production system (for demographic model) to compare the baseline with one or more scenarios.

COMPARE A BASELINE WITH A SCENARIO

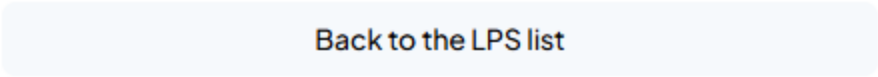






1 Select the parameters you wish to compare from the dropdown menu.

2 Select the scenario(s) you wish to compare with the baseline from the dropdown menu.



Click on Compare

CREATE AN INVESTMENT

Go to the dedicated page for the list of production systems to create an investment.

project name / Technical Performance And Economic and Financial Analysis

Technical Performance and Economic and Financial Analysis

← Back to Project Dashboard

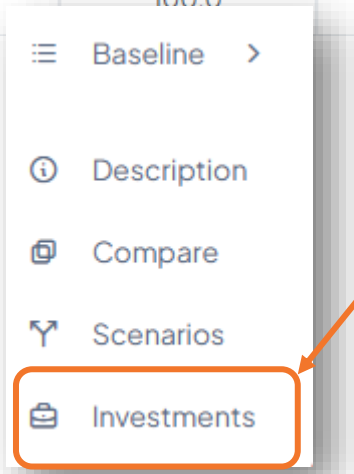
All Livestock Production Systems

Show 10 entries

Search

Edit Livestock Production Subsystems

Date of creation	Species	Main system	Subsystem	Herd Dynamics	Total Herds in subsystem	Av Animals per herd/flock	Total Number of heads	Actions
	Cattle	Grass Land	LPS name	Demographic	1.0	100.0	100.0	⋮



Click on Investments of the targeted LPS

CREATE AN INVESTMENT

project name / Technical Performance And Economic and Financial Analysis / LPS name : Investments

LPS name – Investments

← Back to Project Dashboard

Show 10 entries

Search:

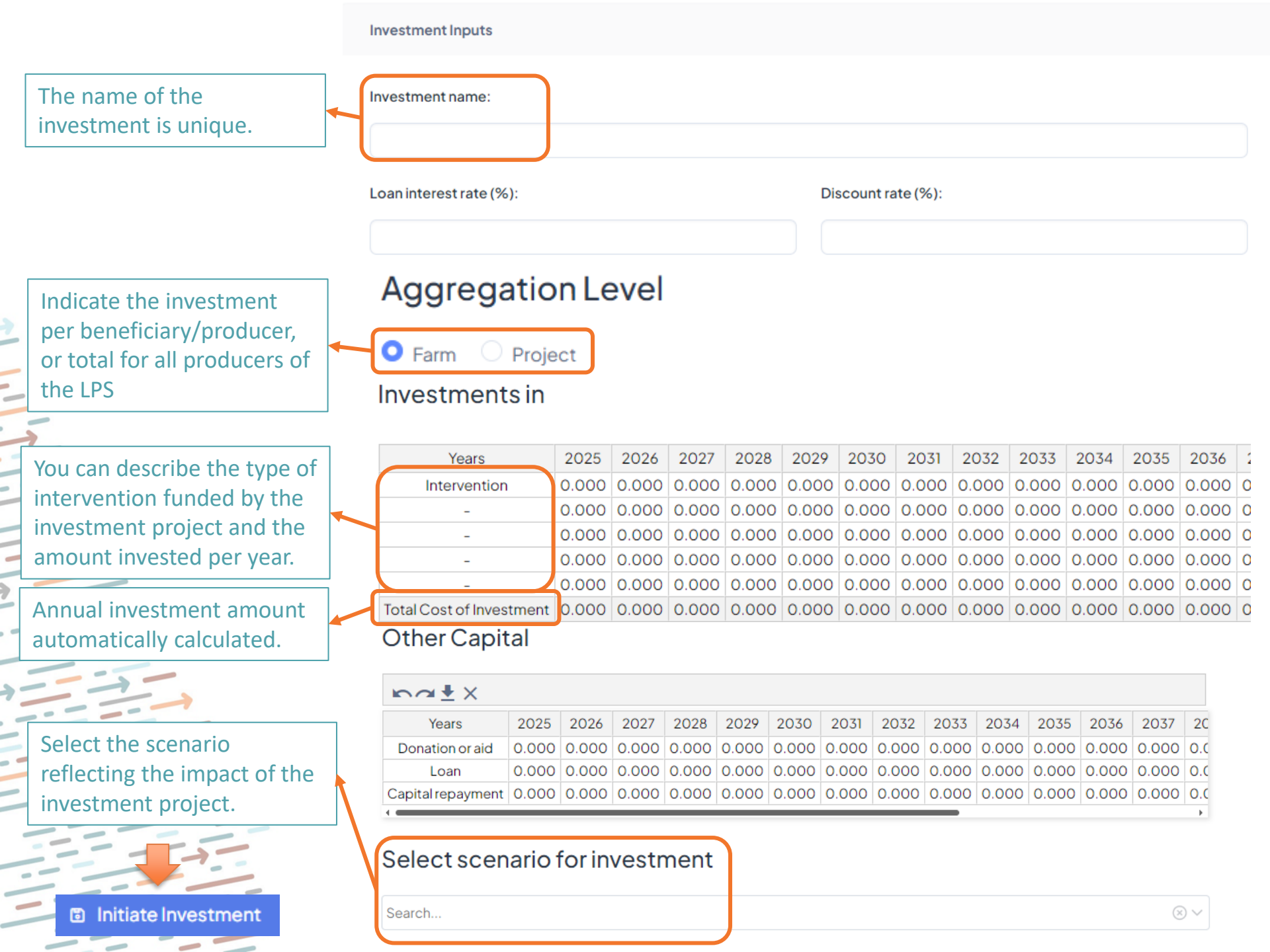
Name	LPS	Scenario	Actions
No data available in table			

Showing 0 to 0 of 0 entries

Previous Next

⇦ Back to TPA & EFA

+ New Investment


Investment Inputs
The name of the investment is unique.
Investment name:
Loan interest rate (%):
Discount rate (%):
Aggregation Level
Indicate the investment per beneficiary/producer, or total for all producers of the LPS
Farm
Project
Investments in
You can describe the type of intervention funded by the investment project and the amount invested per year.
Years
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
Intervention
-
-
-
-
Annual investment amount automatically calculated.
Total Cost of Investment
Other Capital
Years
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
Donation or aid
Loan
Capital repayment
Select the scenario reflecting the impact of the investment project.
Select scenario for investment
Search...
Initiate Investment

CREATE AN INVESTMENT

Results → Analyze the returns of investments

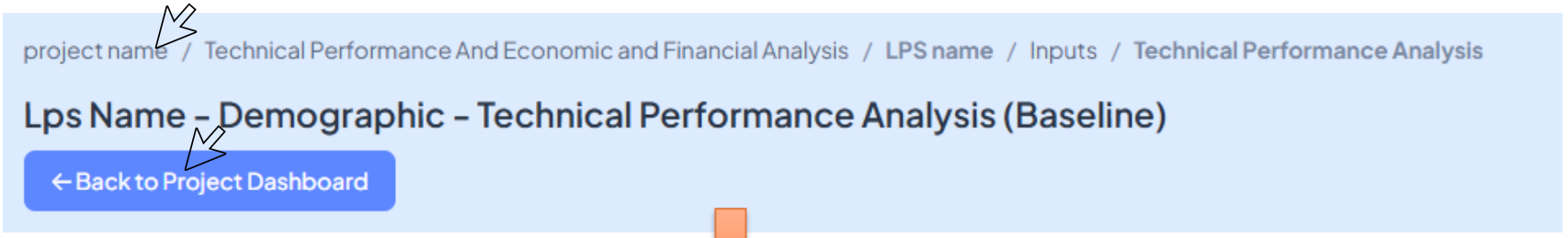
Profitability Of Livestock Production Activities

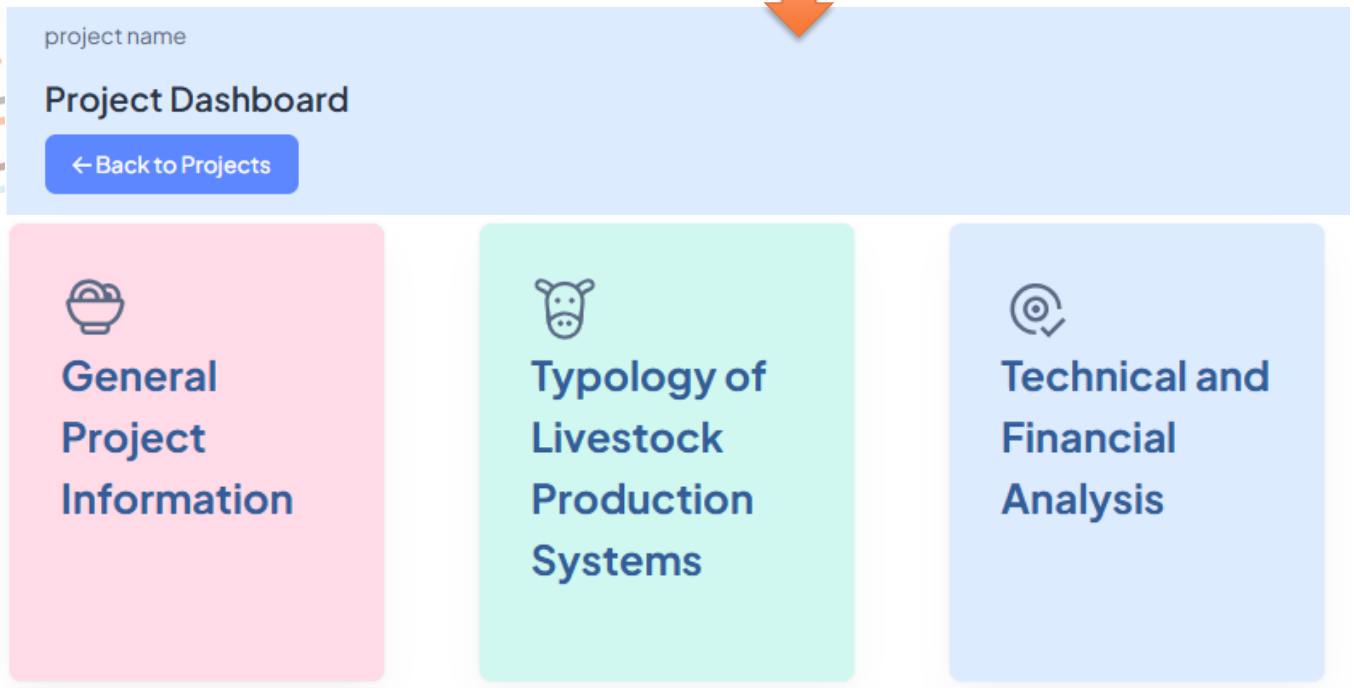
Farm Level | Project Level

Years	2026	2027	2028	2029	2030	2031
Increase in income Meat	2545.35	8502.91	13714.45	16978.92	21012.05	25617.51
Increase in income Milk	22435.28	33215.20	41546.07	26447.13	39515.97	49411.99
Increase in income Hides and Skins	0.00	0.00	0.00	0.00	0.00	0.00
Increase in income Wool	0.00	0.00	0.00	0.00	0.00	0.00
Increase in income Organic Matter	619.99	1709.36	2849.31	3892.34	4721.34	5843.97
Increase in income Animal Draught	0.00	0.00	0.00	0.00	0.00	0.00
Additional revenues linked to investments	25600.62	43427.47	58109.83	47318.39	65249.37	80873.47
Additional costs of production and general expenses	881.71	2209.07	3314.69	5596.99	6172.35	6834.50
Net change in financial flow linked to investments	24718.91	41218.40	54795.14	41721.41	59077.02	74038.98
Costs of investment	286005.00	0.00	0.00	0.00	0.00	0.00
Net change in financial flow before financing	-261286.09	41218.40	54795.14	41721.41	59077.02	74038.98
Costs of funding and subsidies Donation or aid	0.00	0.00	0.00	0.00	0.00	0.00
Costs of funding and subsidies Interest payments	0.00	0.00	0.00	0.00	0.00	0.00
Costs of funding and subsidies Additional cost of loan for working capital	0.00	0.00	0.00	0.00	0.00	0.00
Net change in financial flow after financing*	-261286.09	41218.40	54795.14	41721.41	59077.02	74038.98
Cumulative increase in financial flow after financing	-261286.09	-220067.69	-165272.55	-123551.14	-64474.13	9564.85
Net present value (NPV) before financing	-261286.09	-222142.31	-172724.30	-136990.94	-88939.65	-31749.85
Internal rate of return (IRR) before financing	0.000	-84.22%	-45.64%	-26.33%	-10.07%	1.11%
Net present value (NPV) after financing	-261286.09	-222142.31	-172724.30	-136990.94	-88939.65	-31749.85
Internal rate of return (IRR) after financing	0.000	-84.22%	-45.64%	-26.33%	-10.07%	1.11%

GO BACK TO THE PROJECT DASHBOARD

Click on the project name regardless of the page you are on, or the ‘Back to Project Dashboard’ button.

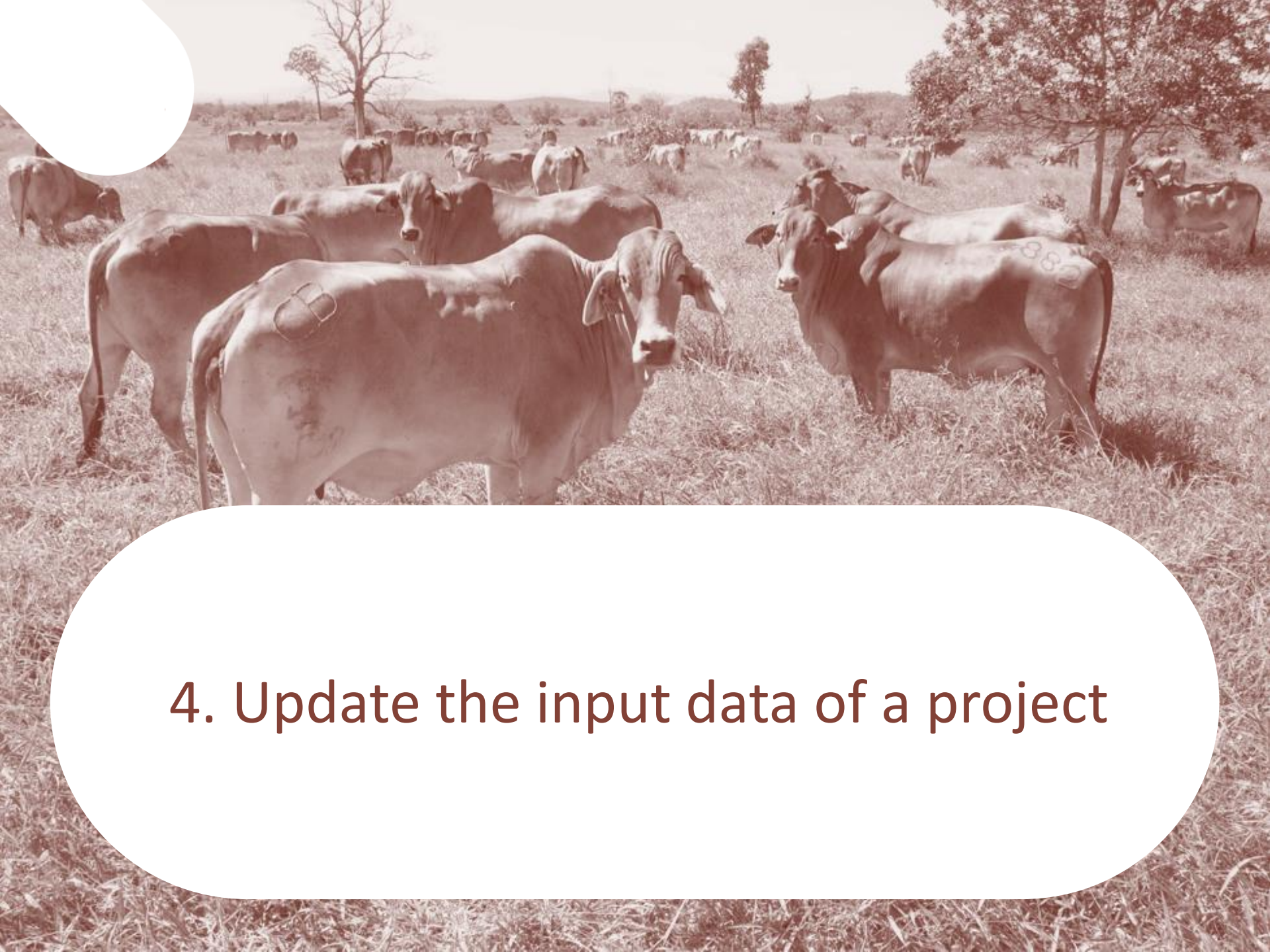




Information of the projet (including total number of animals)

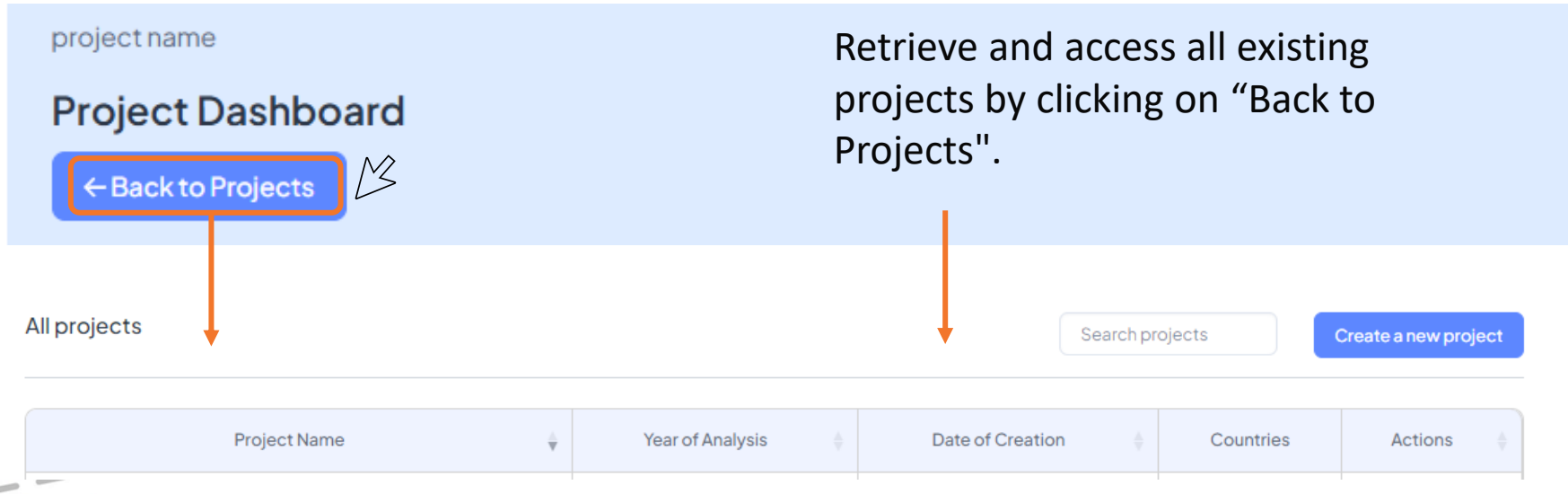
Typology

Analyze the LPS



4. Update the input data of a project

LIST OF EXISTING PROJECTS



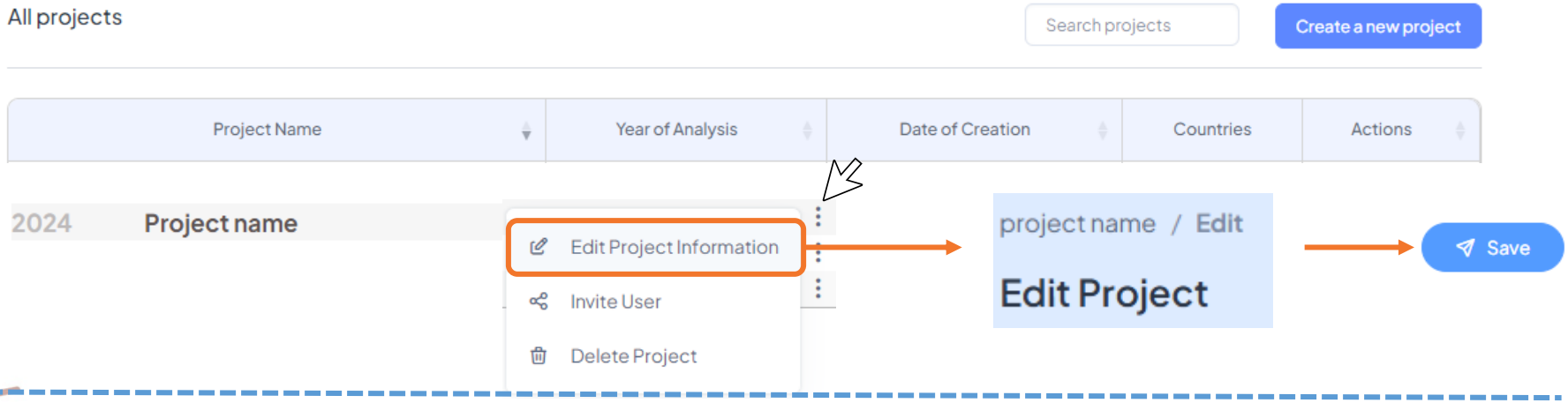
Retrieve and access all existing projects by clicking on “Back to Projects".

UPDATE PROJECT INFORMATION (2 options)

Option 1

From the home page

Example : change the number of animals in the project



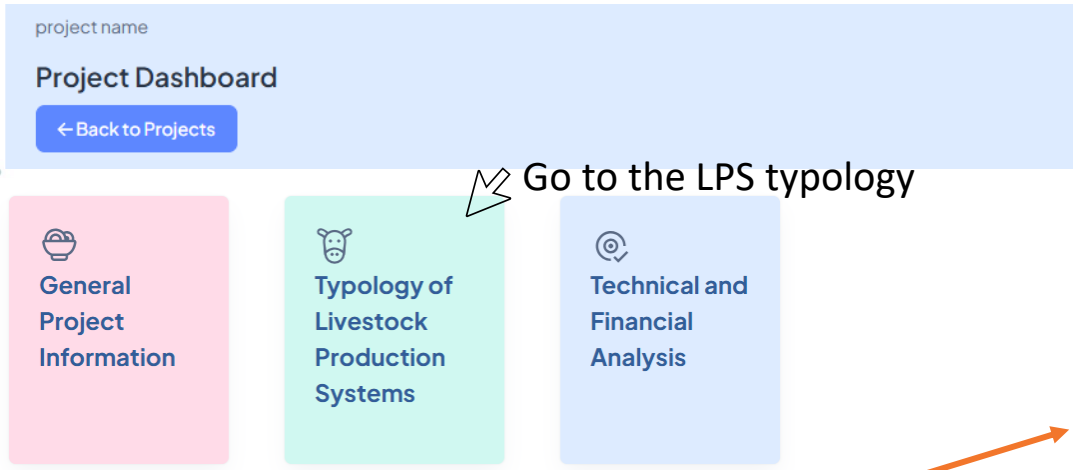
Option 2

From the project dashboard

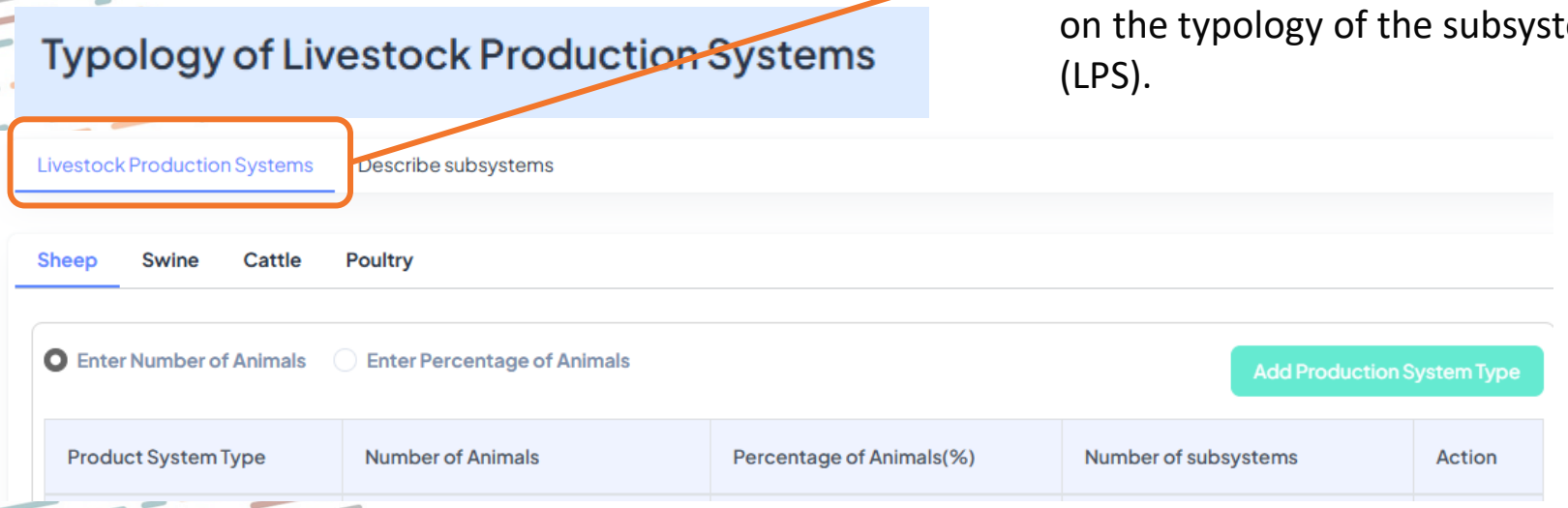
EDIT THE TYPOLOGY OF LPS (2 options)

Option 1

From the project dashboard



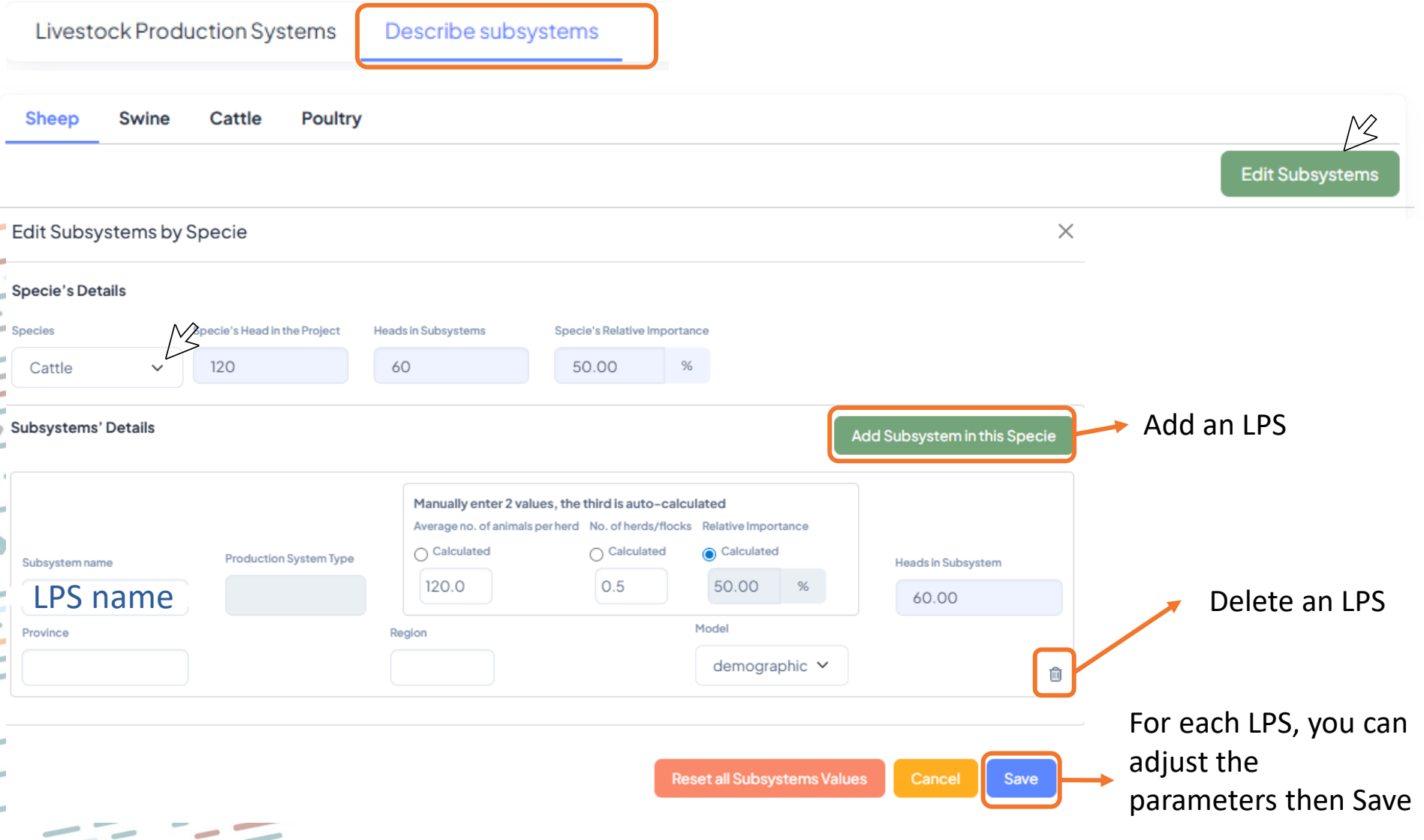
No changes can be made to the representativeness of the main systems (types).
Modifications will be reflected based on the typology of the subsystems (LPS).



EDIT THE TYPOLOGY OF LPS

Option 1

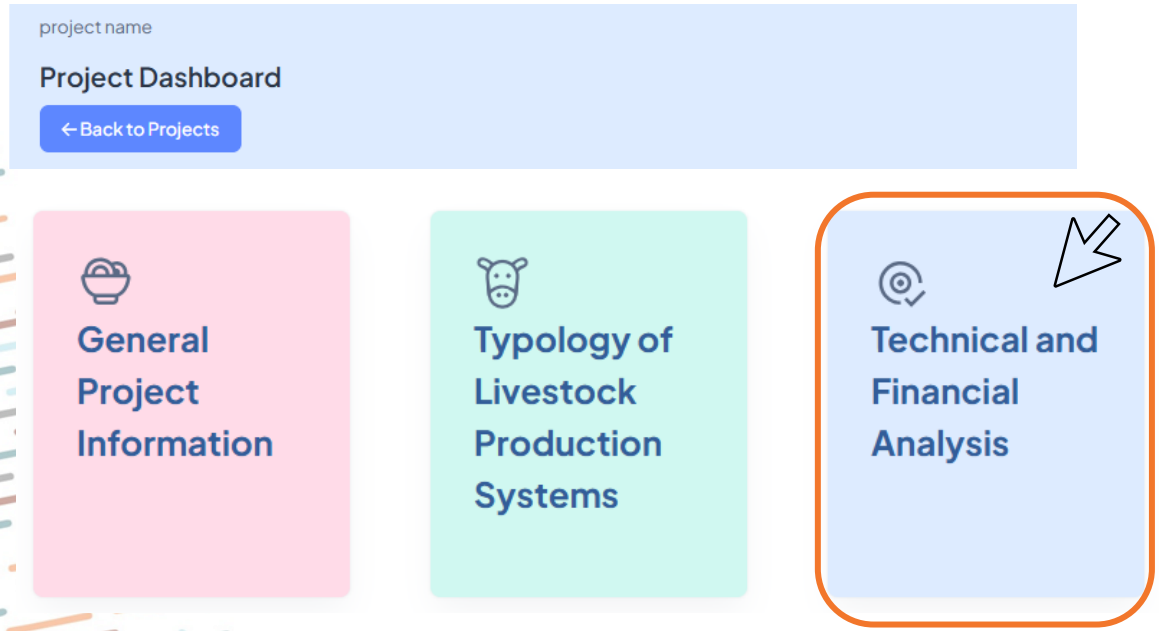
From the project dashboard



EDIT THE TYPOLOGY OF LPS

Option 2

From the project dashboard and the list of LPS



EDIT THE TYPOLOGY OF LPS

Option 2

From the project dashboard and the list of LPS

project name / Technical Performance And Economic and Financial Analysis

Technical Performance and Economic and Financial Analysis

← Back to Project Dashboard

All Livestock Production Systems

Show 10 entries

Search

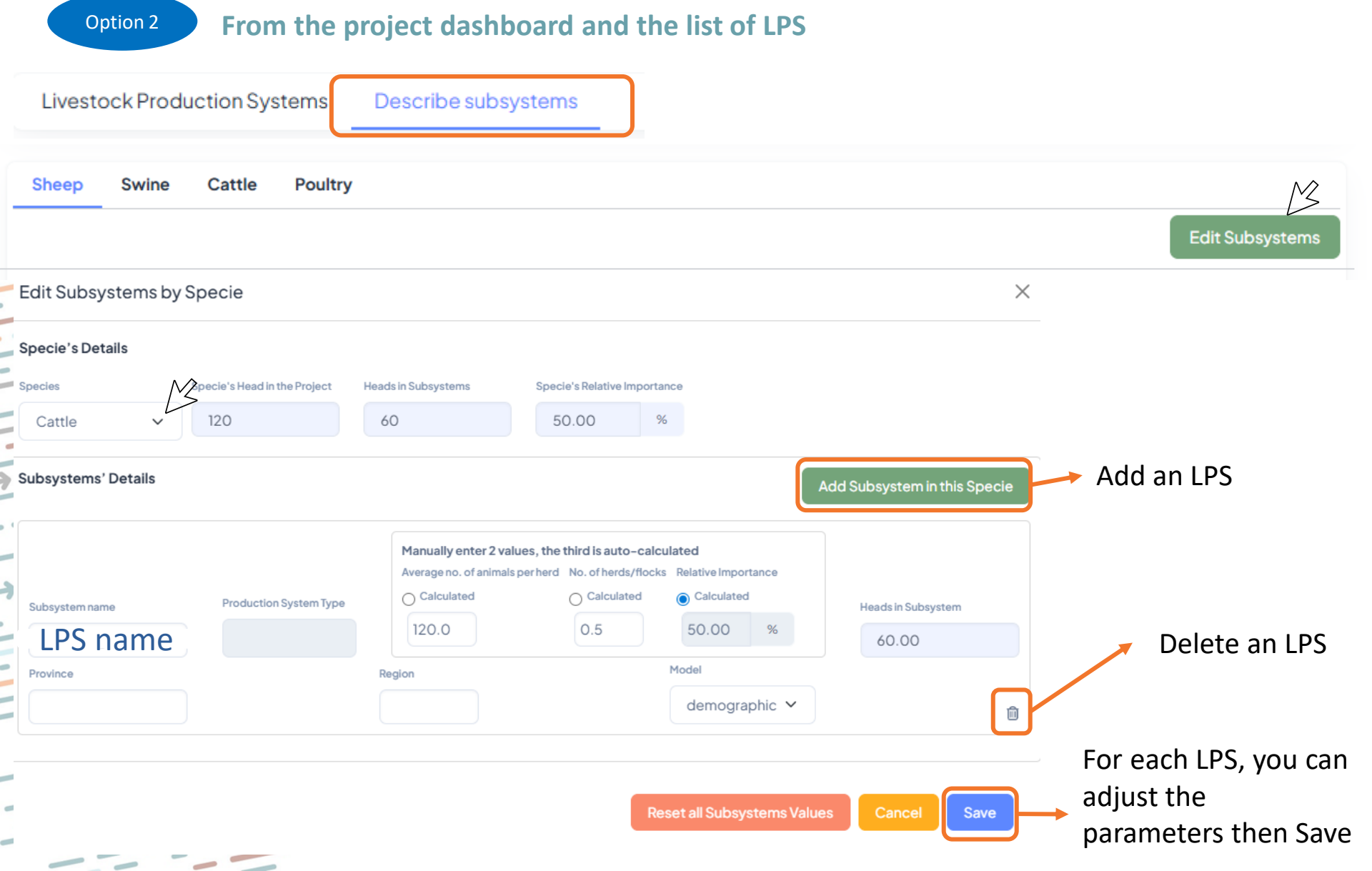
Edit Livestock Production Subsystems

Date of creation	Species	Main system	Subsystem	Herd Dynamics	Total Herds in subsystem	Av Animals per herd/flock	Total Number of heads	Actions
	Cattle	Grass Land	LPS name	Demographic	1.0	100.0	100.0	⋮

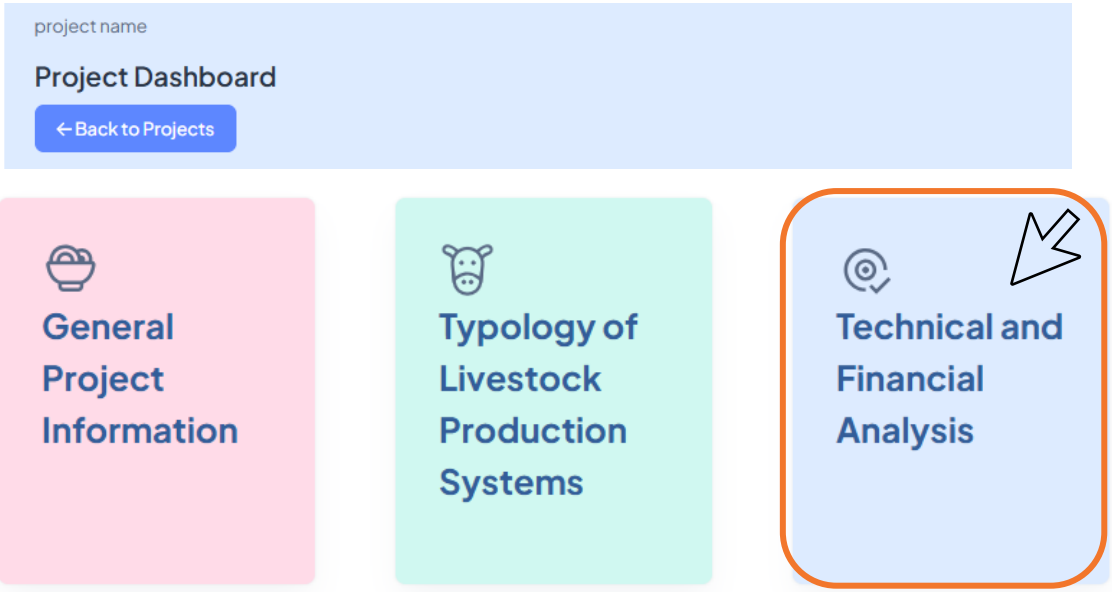
EDIT THE TYPOLOGY OF LPS

Option 2

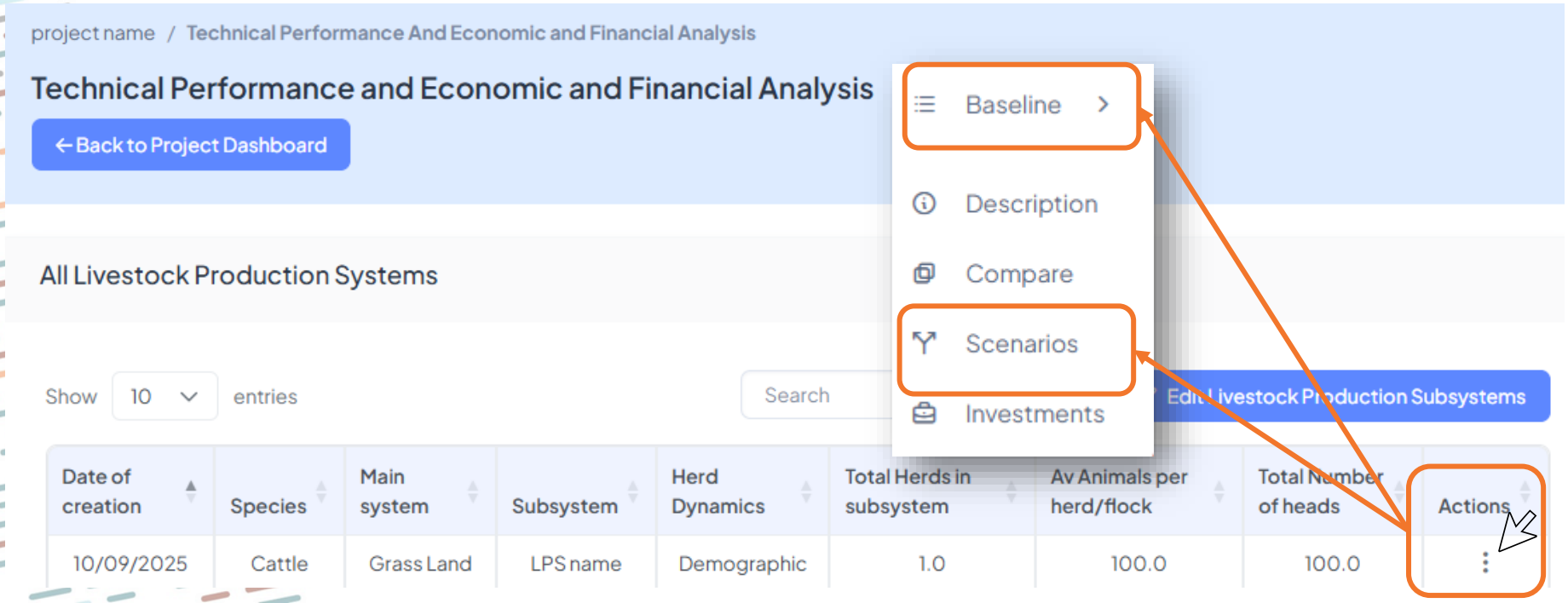
From the project dashboard and the list of LPS



EDIT THE PRODUCTION SYSTEM PARAMETERS



Go to the list of LPS, change the baseline or the scenario



For further assistance, contact us at LSIPT@fao.org