

# Time2Graze Reunion Goinaia

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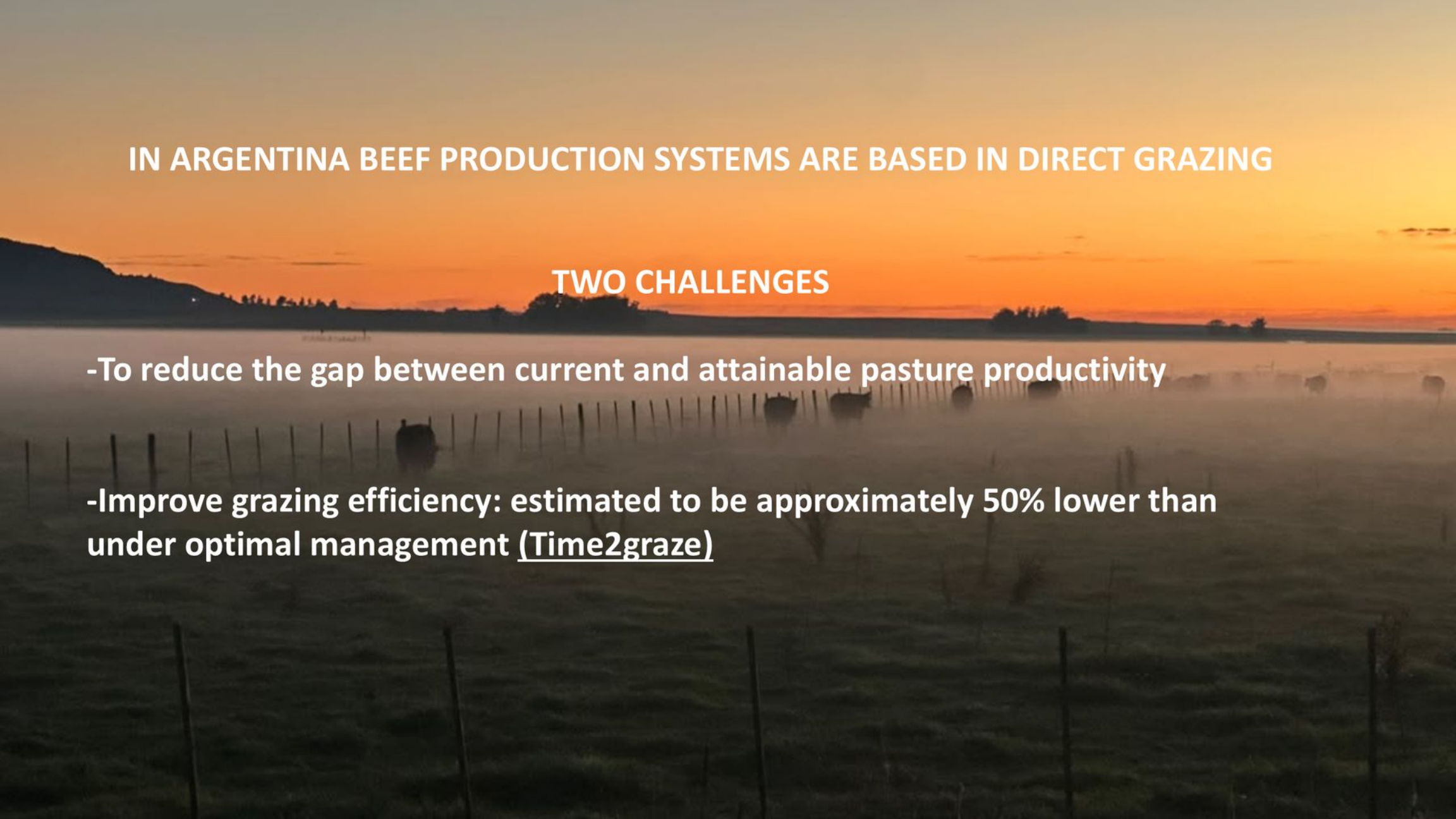


16 de setiembre 2026

# Proyecto Time2Graze - Uruguay - Argentina

## Instituciones participantes



The background image shows a pastoral scene at dawn or dusk. The sky is a gradient of orange and yellow, with the sun low on the horizon. A layer of mist or fog hangs over a grassy field. In the field, several dark silhouettes of cows are visible, some standing and some grazing. A line of trees and a hill are visible in the distance under the bright sky.

**IN ARGENTINA BEEF PRODUCTION SYSTEMS ARE BASED IN DIRECT GRAZING**

## **TWO CHALLENGES**

- To reduce the gap between current and attainable pasture productivity**

- Improve grazing efficiency: estimated to be approximately 50% lower than under optimal management (Time2graze)**

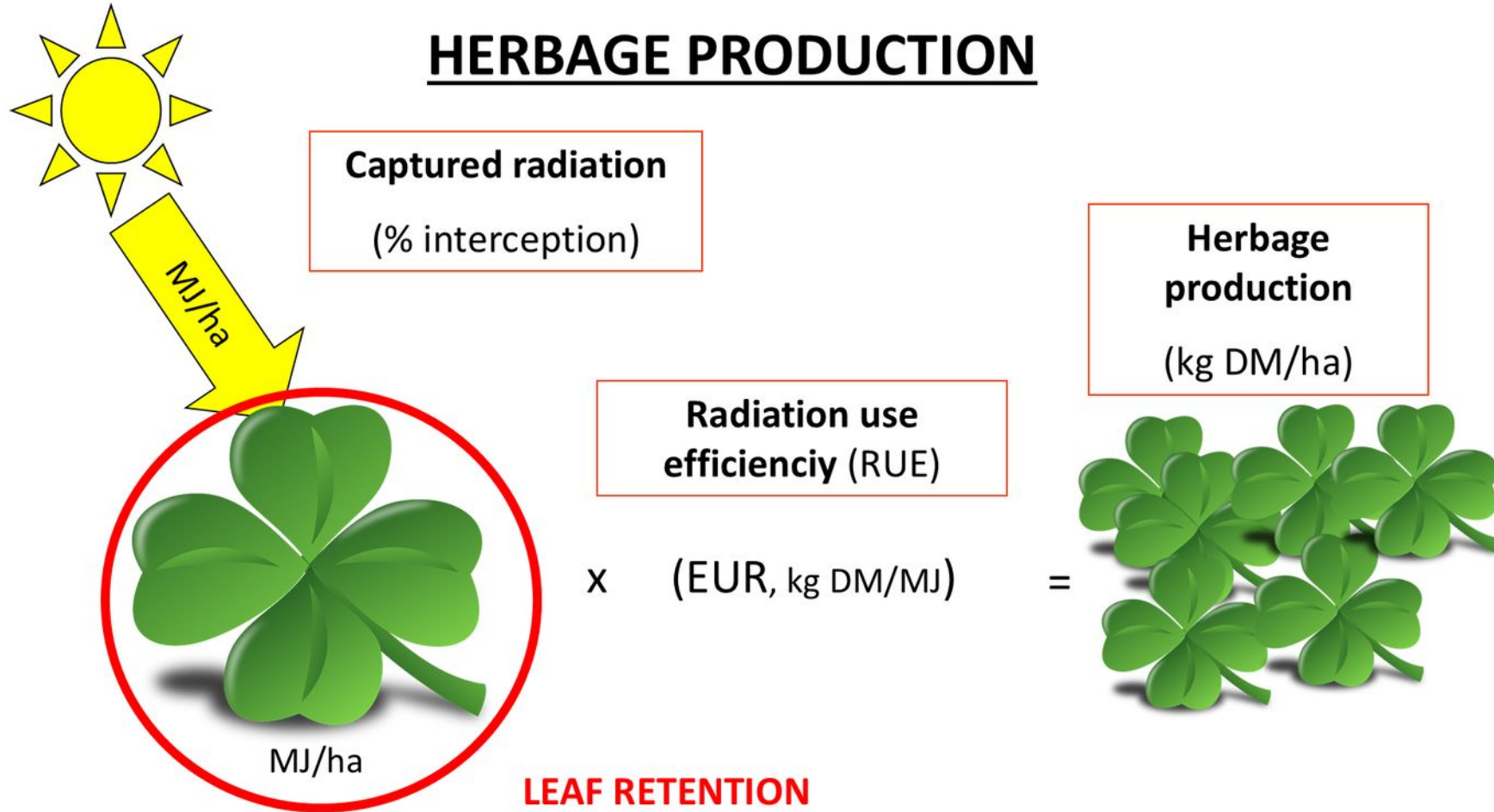
# ANIMAL PRODUCTION

$$\begin{array}{|c|} \hline \text{Stocking rate} \\ \hline \text{(animal/ha)} \\ \hline \end{array} \times \begin{array}{|c|} \hline \text{Animal intake} \\ \hline \text{(kg DM/animal)} \\ \hline \end{array} \times \begin{array}{|c|} \hline \text{Conversion} \\ \hline \text{efficiency} \\ \hline \text{(kg beef/kg DM)} \\ \hline \end{array} = \begin{array}{|c|} \hline \text{Animal} \\ \hline \text{Production} \\ \hline \text{(kg beef/ha)} \\ \hline \end{array}$$



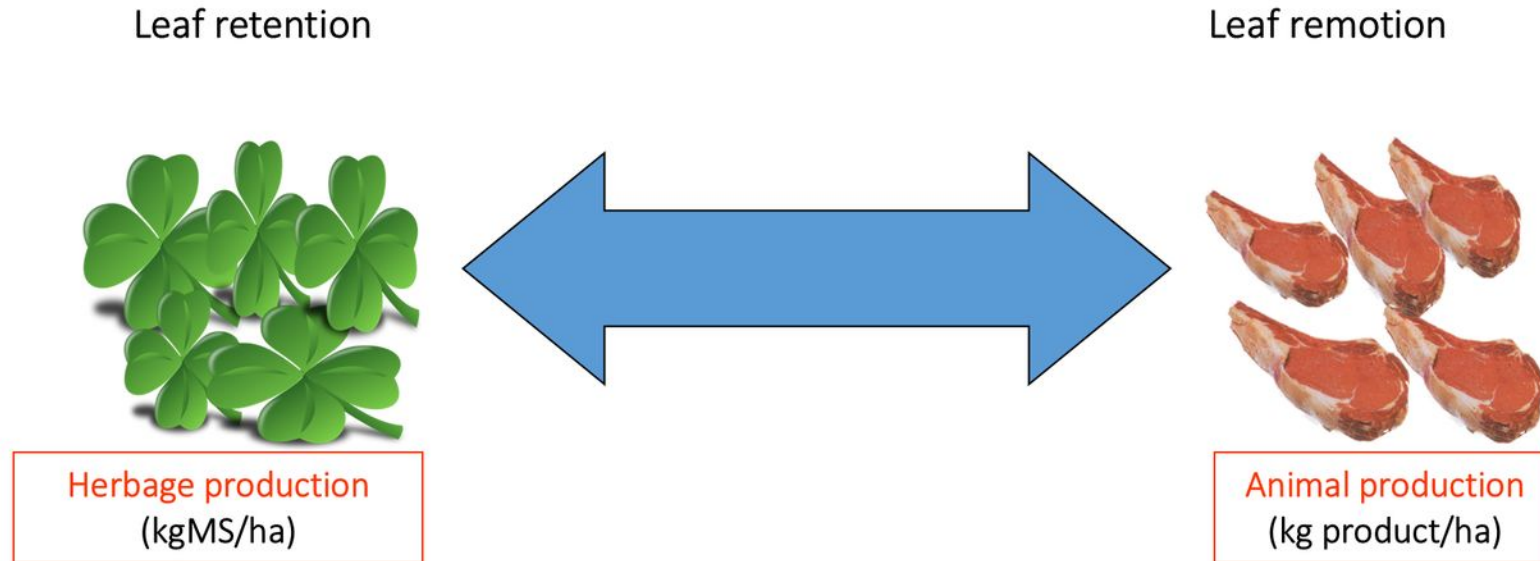
**LEAF REMOTION**

# HERBAGE PRODUCTION



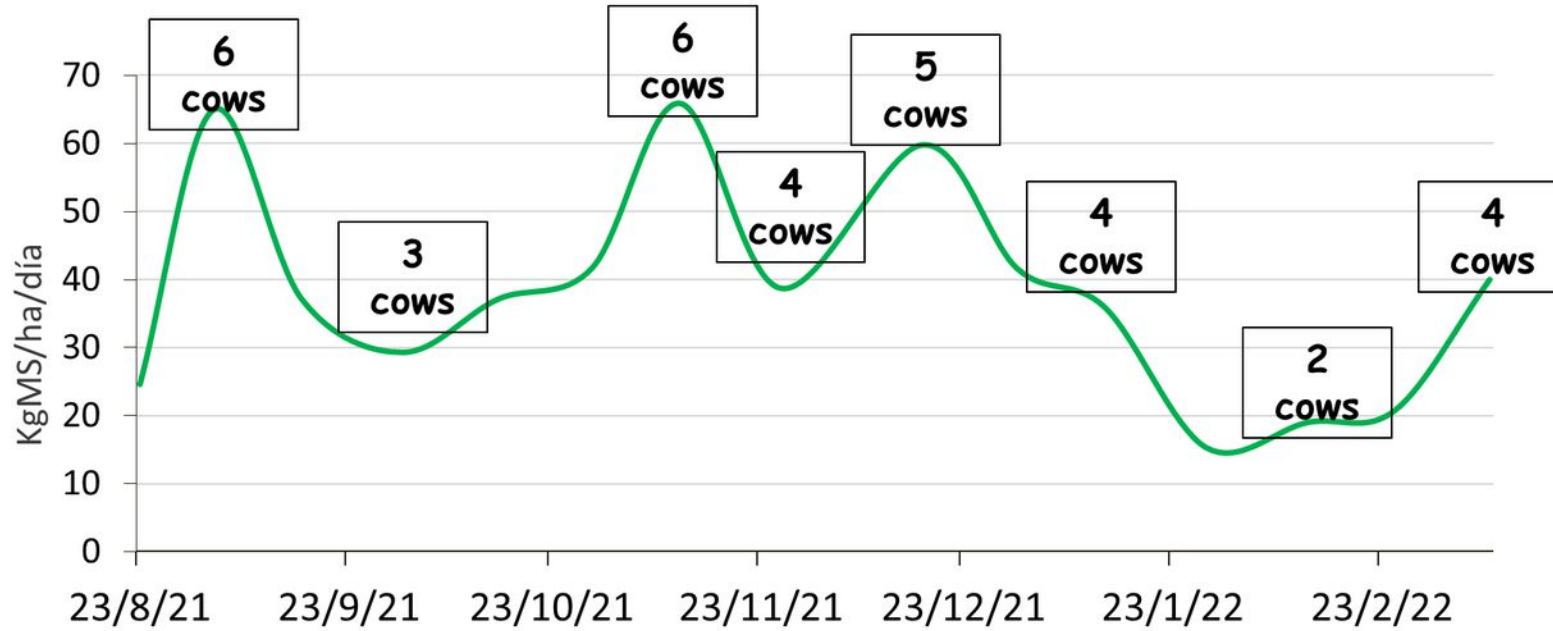
To maintain high removal rates of high-quality forage without affecting plant persistence.

We need to resolve this conflict (grazing dilemma)



Every day of the year!

## *The day to day reality of pasture growth*

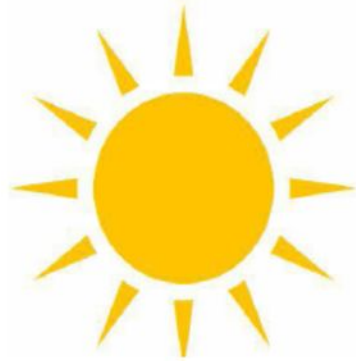


How do we manage something that has this supply dynamic?



**MONITORING**

*They need an equilibrium*



*Plant growth*



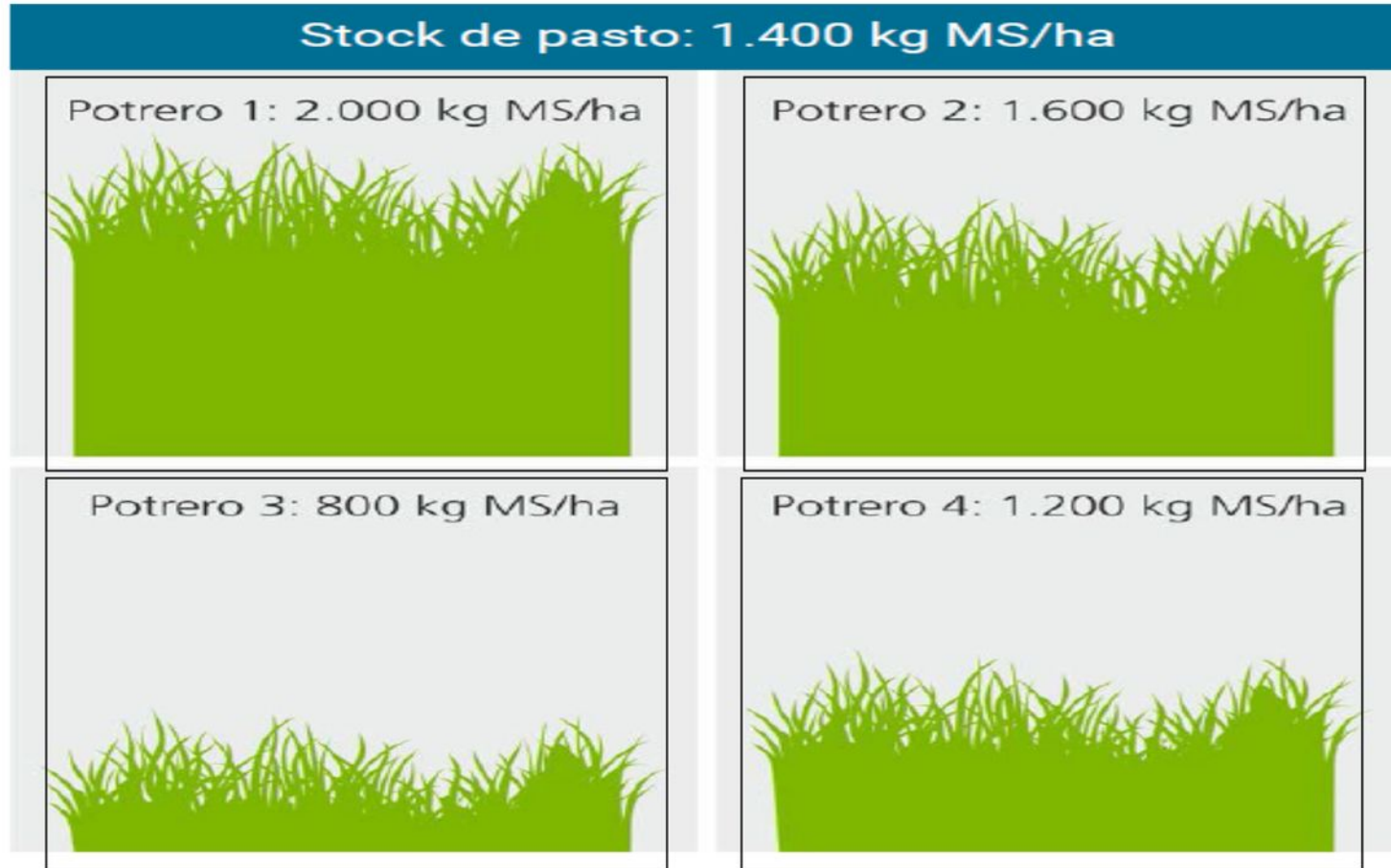
Herbage stock  
(kg DM/ha)



*Animal intake*

# HERBAGE STOCK

It is the average biomass value for the entire grazed area.



## Time2Graze - THE PROPOSAL FOR ARGENTINA & URUGUAY

- Install a monitoring and decision-making system (bi-weekly) in producers' fields.
- Make better use of pasture by balancing herbage supply with animal demand

1-**Plan** which paddocks to use and in what order.

2-**Anticipate** pasture shortages or surpluses.

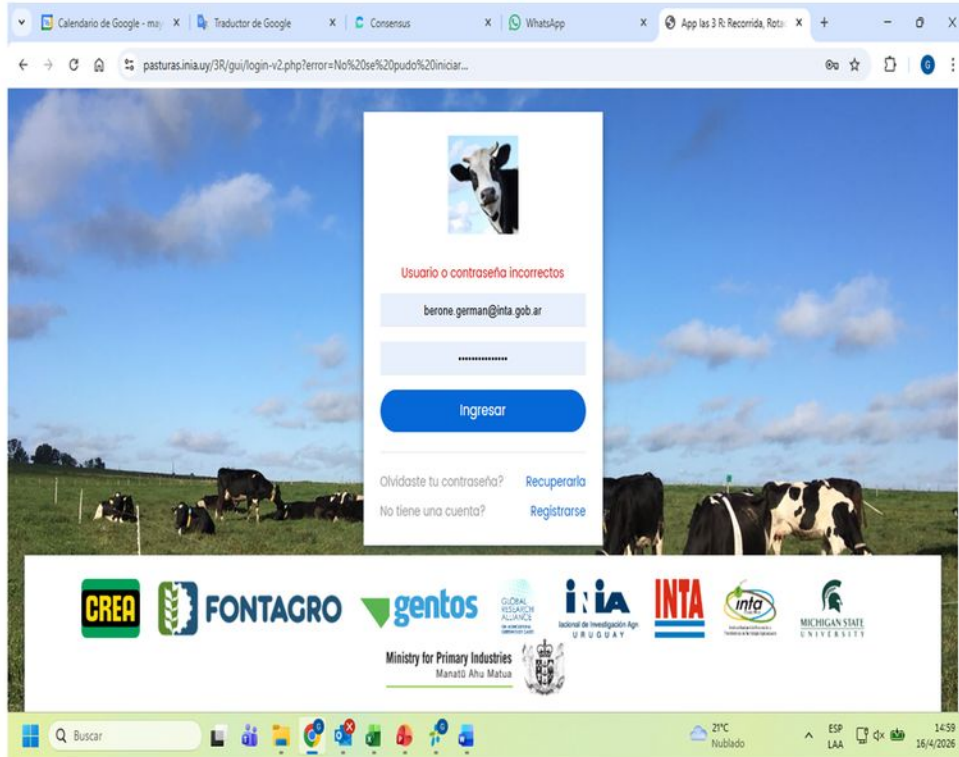
3-**Deciding** when paddocks should be removed from the grazing rotation to create forage reserves.

4-**Integrating** pasture and animals into a unified perspective.

5- **Learn, record** what happens, and continuously **improve the decision-making process**.

# What we are using:

## -Herramienta 3RWeb



PASTURE

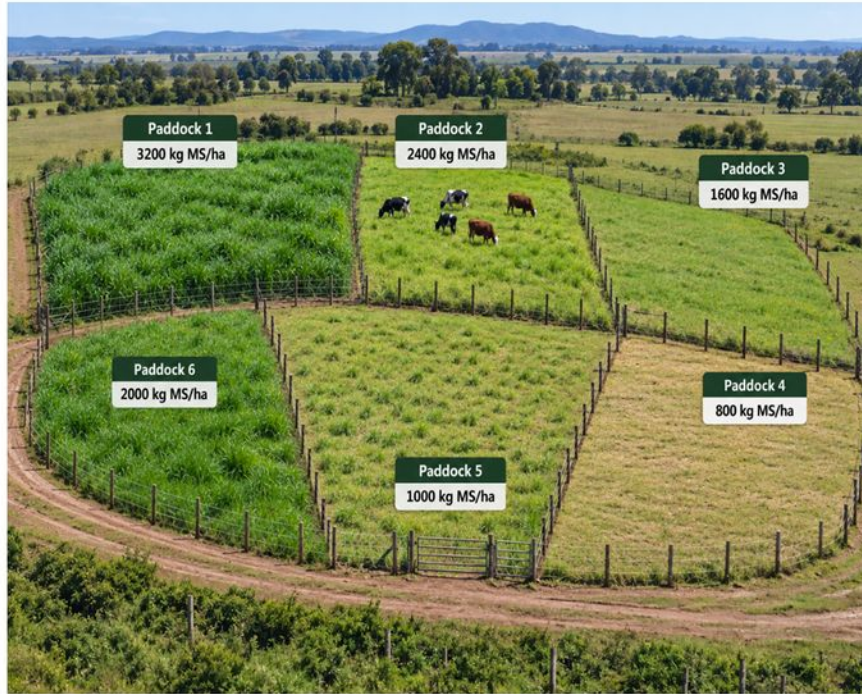
ANIMALS

3Rweb

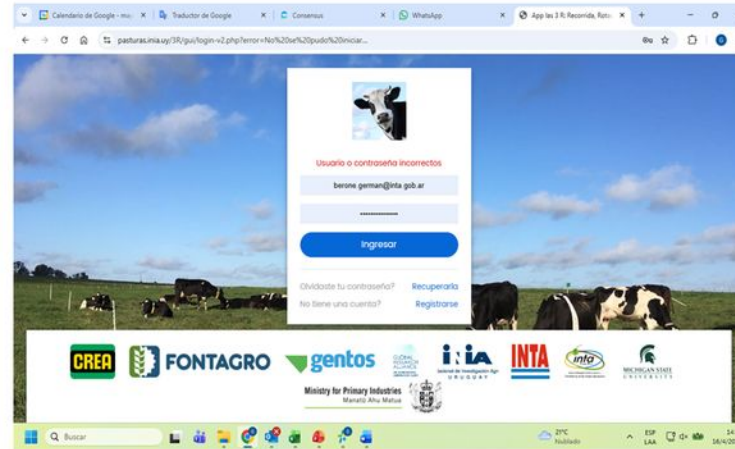
Offer-Demand => decide on the next 15 days

For the producer: Better grazing decisions using data from your own fields

Every 15 days, the grazing platform is surveyed:



- pasture biomass of each paddock
- number of animals (breed, weight, category)



Offer-Demand => decide on the next 15 days

Paddock Walking → Data Entry → Analysis → Decision-Making

**Estimated time per establishment: 3–4 hours per visit. One morning or afternoon**

## WHO DOES WHAT?

### The project

- Hires and trains facilitators (farm walkers)
- Guides the process
- Provide technical support
- Improves 3RWeb based on user experience

### The facilitators

- Visits the farm every two weeks
- Walks and measures the grazing platform
- Uploads and organizes the data
- Assists with analysis and decision-making

### The producer

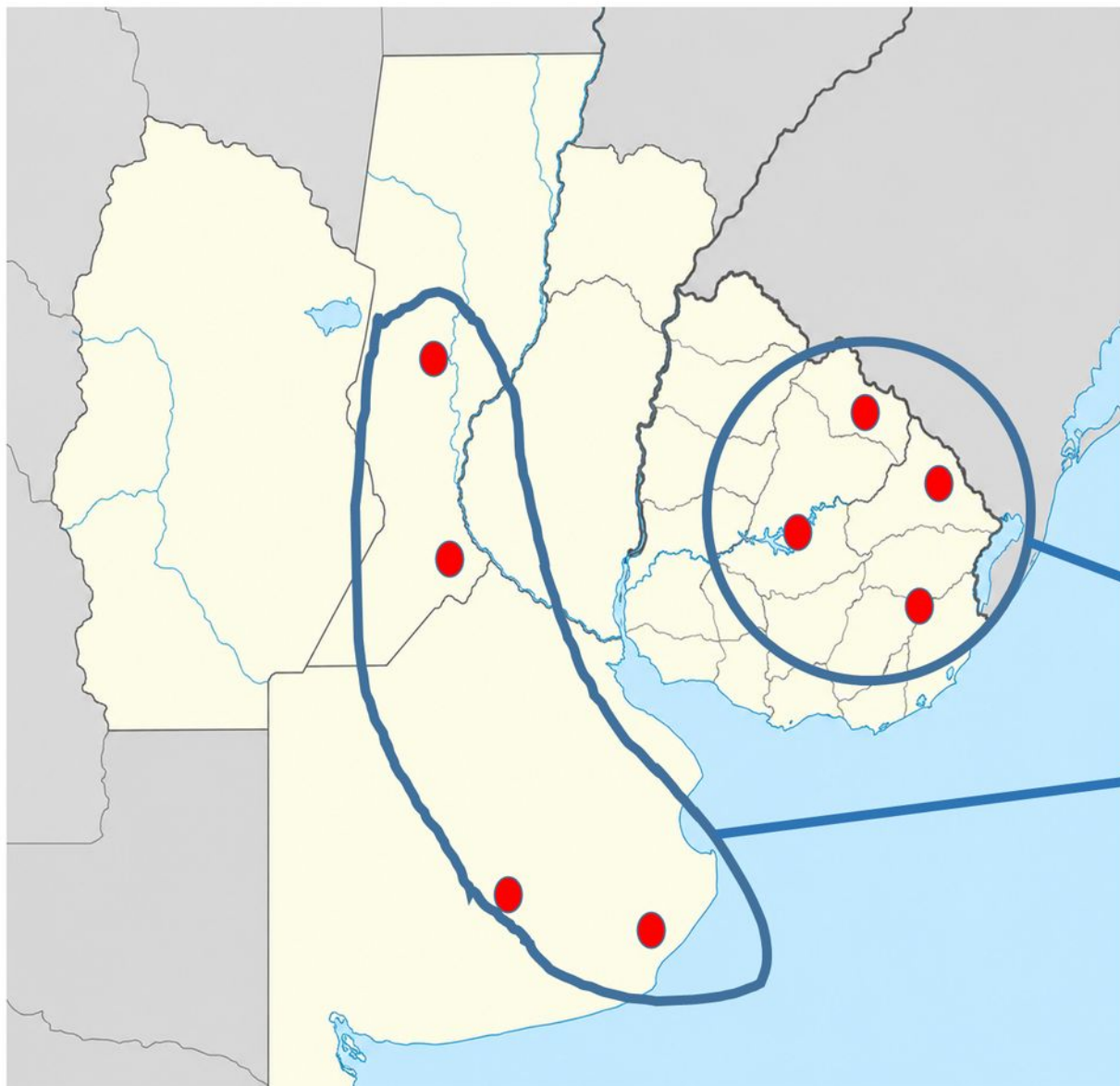
- Provides information about the system
- Participates in the field walk and analysis
- Discusses decisions for the next 15 days
- Provides inputs for the 3RWeb platform

**PRODUCERS + ADVISORS + FACILITATORS + TEAM PROJECT = JOINT DEVELOPMENT**

*The participation of all these actors is important.*

*We are not testing a finished tool.*

*We want to develop and improve it under real-world production conditions.*



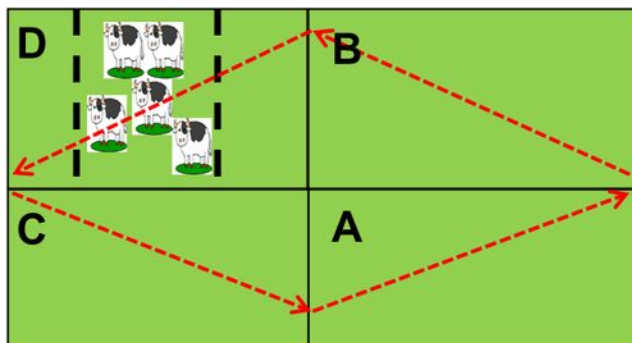
Each circle represents 1 facilitator with 3-4 farmers

The facilitator visit the farm every 15 days, during 18 months

**Uruguay:** They are starting now

**Argentina:** They are starting in October

## A FARM DAY WALKING (example)



### HERBAGE STOCK (the aim)

1850 kg DM/ha (1750-1950)

### HERBAGES STOCK (measured in the farm walking)

1850 kg MS/ha

### ANIMAL INTAKE (demand)

$2 \text{ cows/ha} \times 12 \text{ kg DM/cow/day} = 24 \text{ kg DM/ha/day}$

### PASTURE GROWTH RATE

10 kg DM/ha/day

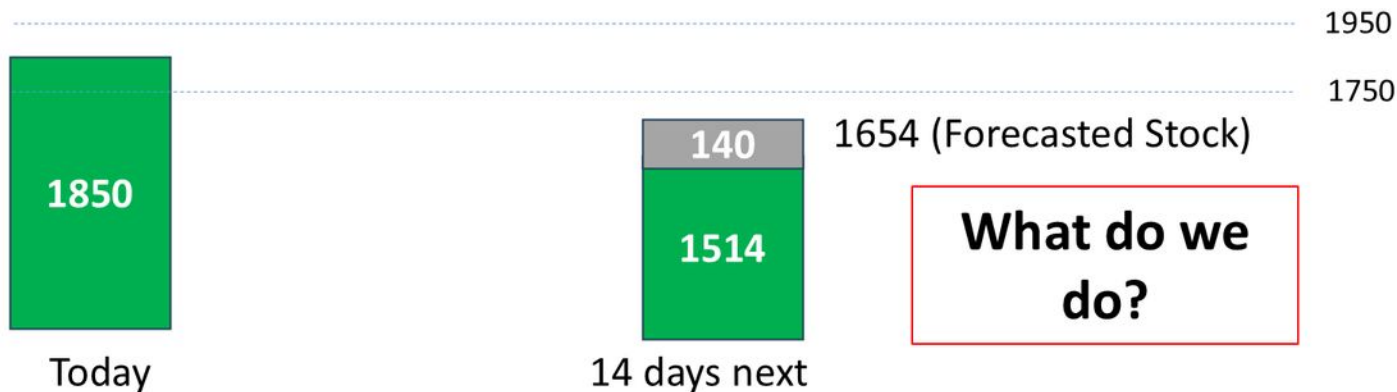
## NEXT 14 days...

### DEMAND

$24 \times 14 \text{ days} = 336 \text{ kg DM/ha}$

### PASTURE GROWTH

$10 \times 14 \text{ days} = 140 \text{ kg DM/ha}$



**What do we  
do?**