



GenoCells[®] identifies the most contributing cows to the bulk tank SCC : what about goats ?

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ICAR  **2023**

TOLEDO SPAIN
22nd to 26th May 2023



Livestock
Genetics
from
Spain



About GenoCells®

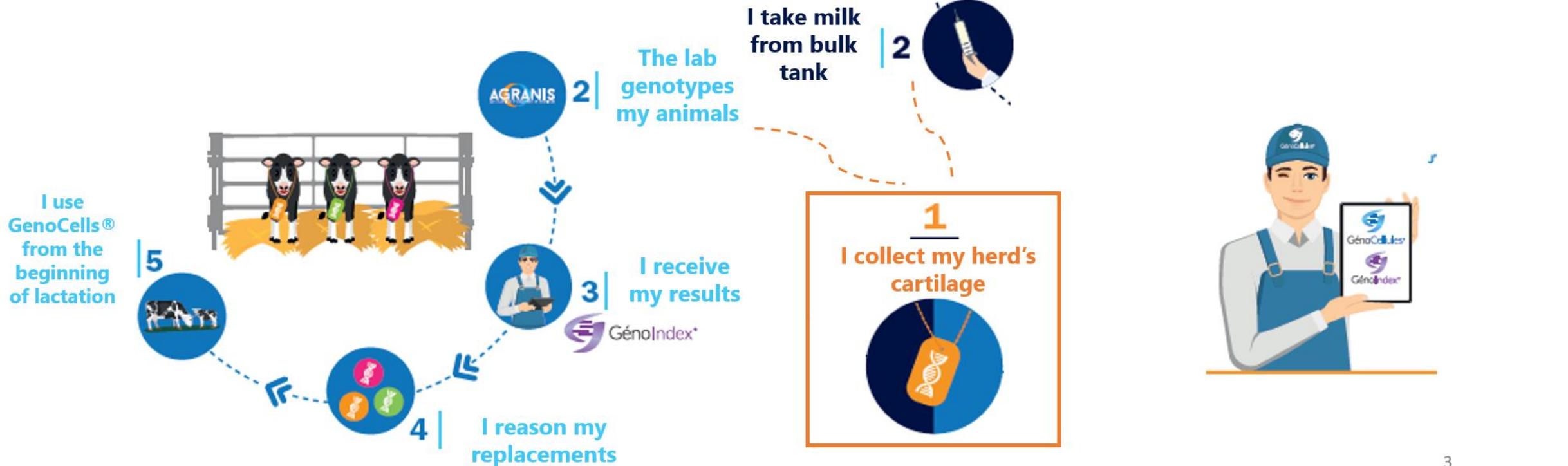
The determination of somatic cells from the DNA analysis of a sample of milk mixture





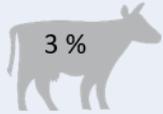
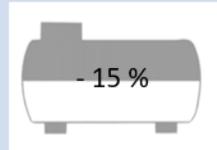
About GenoCells®

GenoCells®, How it's working ?

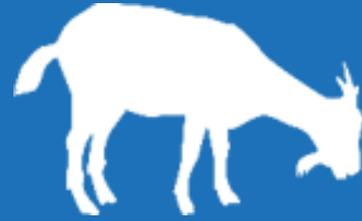




To each management its GenoCells®

	GenoCells® - Somatic Cell Count	GenoCells® - Cells Responsibility
I declare my sample 	 0241   3152   1356 	-
Kind of result 	52000  256000  125000  CE.1000ml-1	3 %  15 %  1 % 
Kind of management	  	15 %  → 





What about goats ?





Goats' context



SCC rise



Milk recording's constraints



GenoCells®



Genomic's beginnings



Does it work ?



GénoCap



Is it interesting for farmers ?





GénoCap project



3 Partners in a collaborative project



8 Farms use **GenoCells®** and **Genomic indexes** from **2022 to 2023**
(seasonal and not, processor and not, Alpine and Saanen)

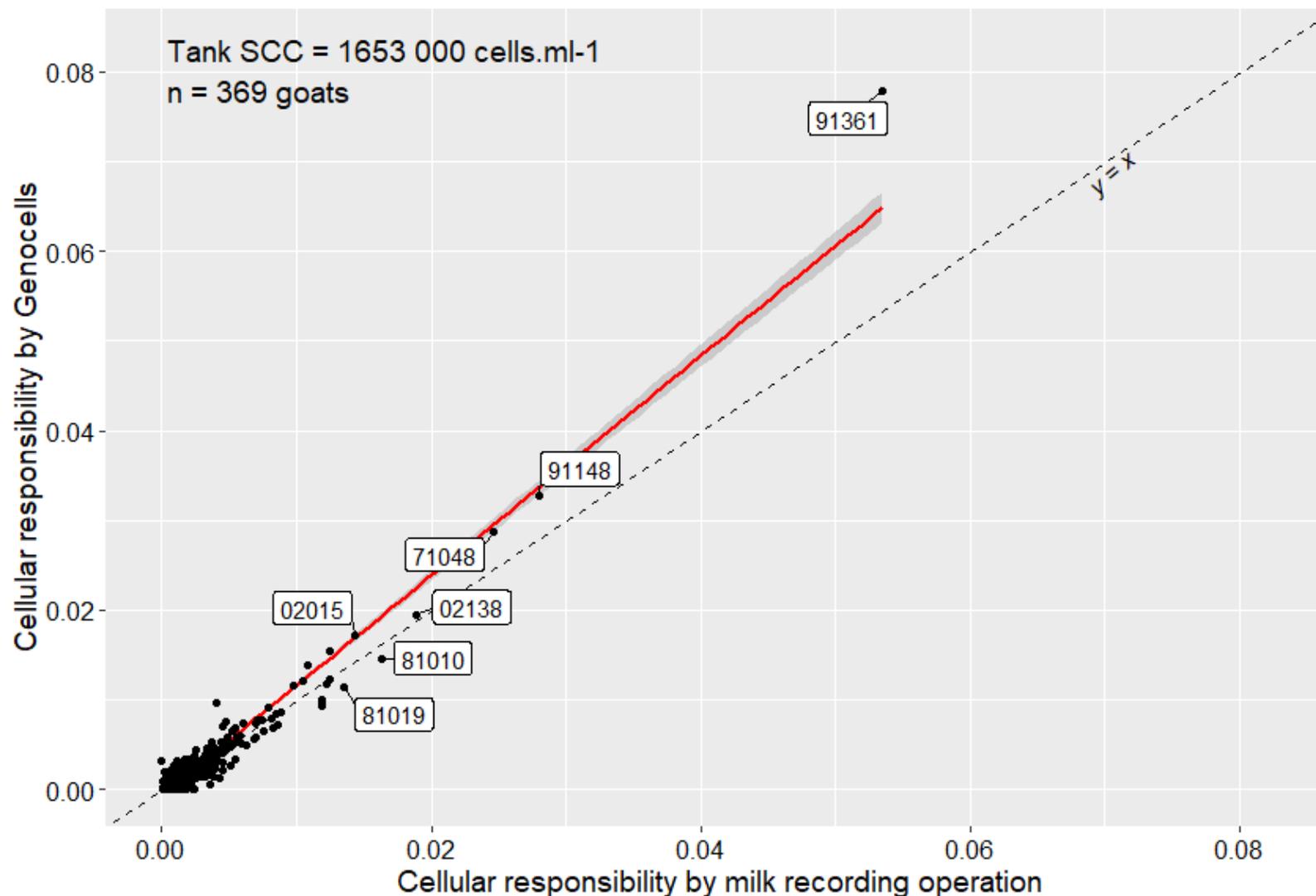
2 Questions to answer about GenoCells® :

- Does it work ?
- Can it interest farmers ?



GénoCap project

Does GenoCells® work ?

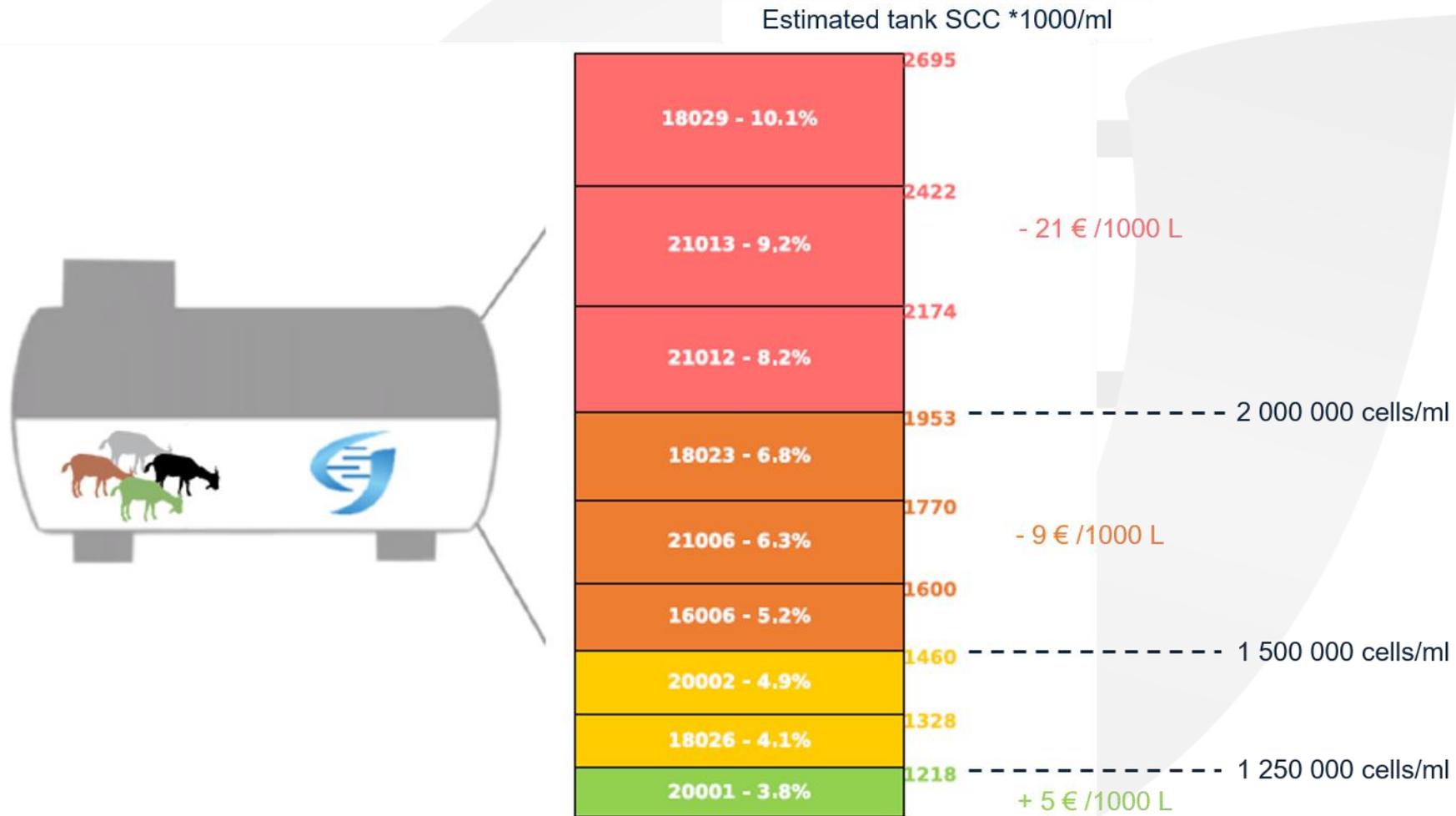


**Identification
of the most
contributing
goats**



GénoCap project

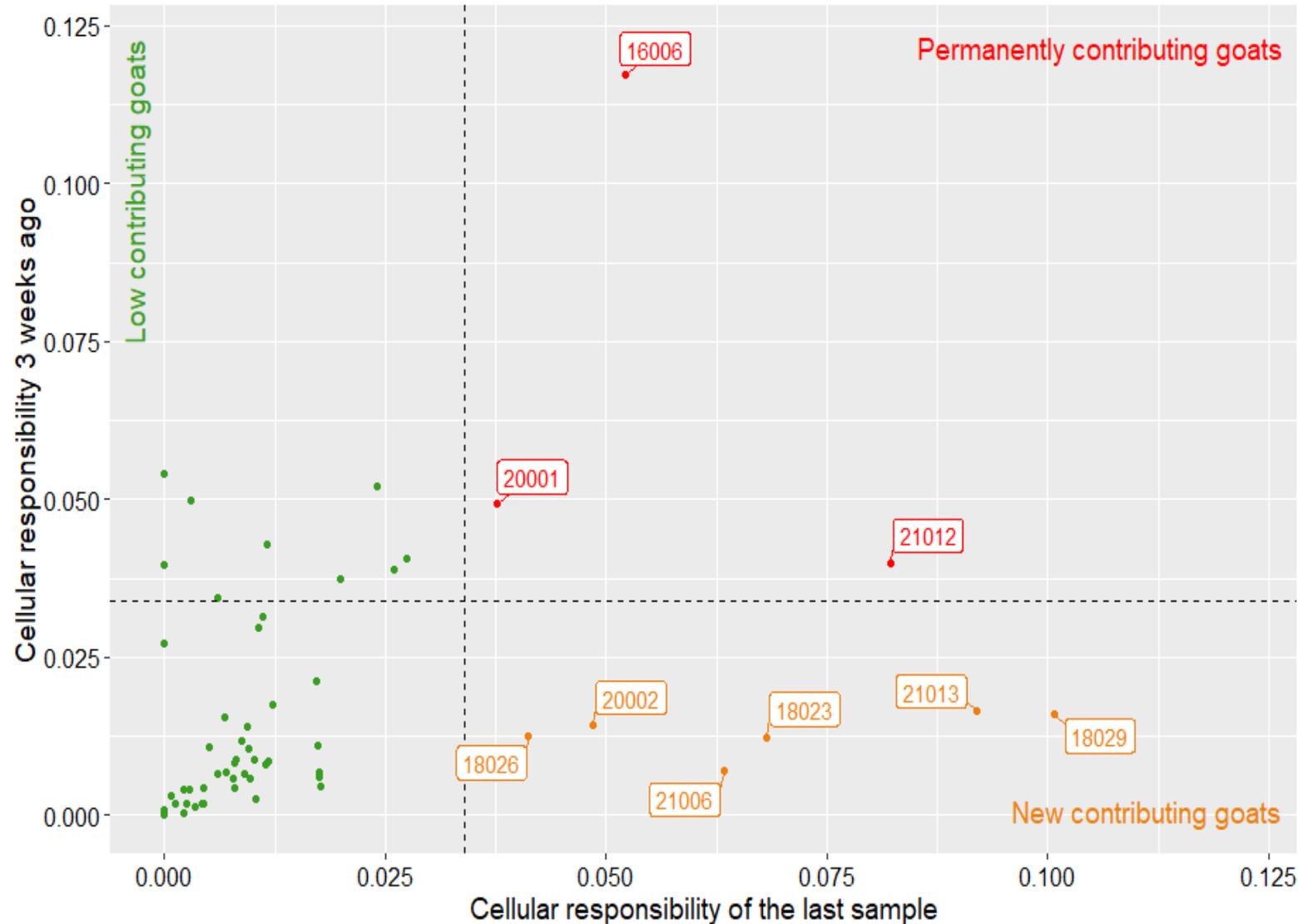
Can it interest farmers ?





Génocap project

Can it interest farmers ?



1 result every 3 weeks



Perspectives

- **GénoCap :**
 - **Asses with technicians and farmers the potential uses and added values for farmers of :**
 - **Genomics of young goats**
 - **GenoCells®' use :**
 - **At each lactation stage**
 - **Complementarily with milk recording**



WORK IN PROGRESS



Thank you for your attention



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To go further, come see us at our stand

