



“Grassland innovation: Methodology for knowledge transfer and co-creation / developing innovation networks”

29th GENERAL MEETING

GRASSLAND AT THE HEART OF CIRCULAR AND SUSTAINABLE FOOD SYSTEMS

JUNE 26-30, 2022 • CAEN, FRANCE

Developing innovation networks at the national level: the Uruguayan recent experience

Ing. Agr. PhD. Pablo Chilibroste



UNIVERSIDAD
DE LA REPÚBLICA
URUGUAY



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- How to learn from dairy production system
- How to align the research agenda with the dairy production systems requirements



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2010



E.E.M.A.C.

Facultad de Agronomía, Paysandú.
Universidad de la República.



- Web base information system.
- Economical and physical monitoring of dairy production system on a monthly bases (farm + industry + adviser information).
- Common effort to build a data base suitable to support either tactical or strategic decision making, system analysis and system re-design.

- 800 dairies
- 110 professionals
- 620 millions of litters
- 125000 adult cows
- 110000 hectares



E.E.M.A.C.

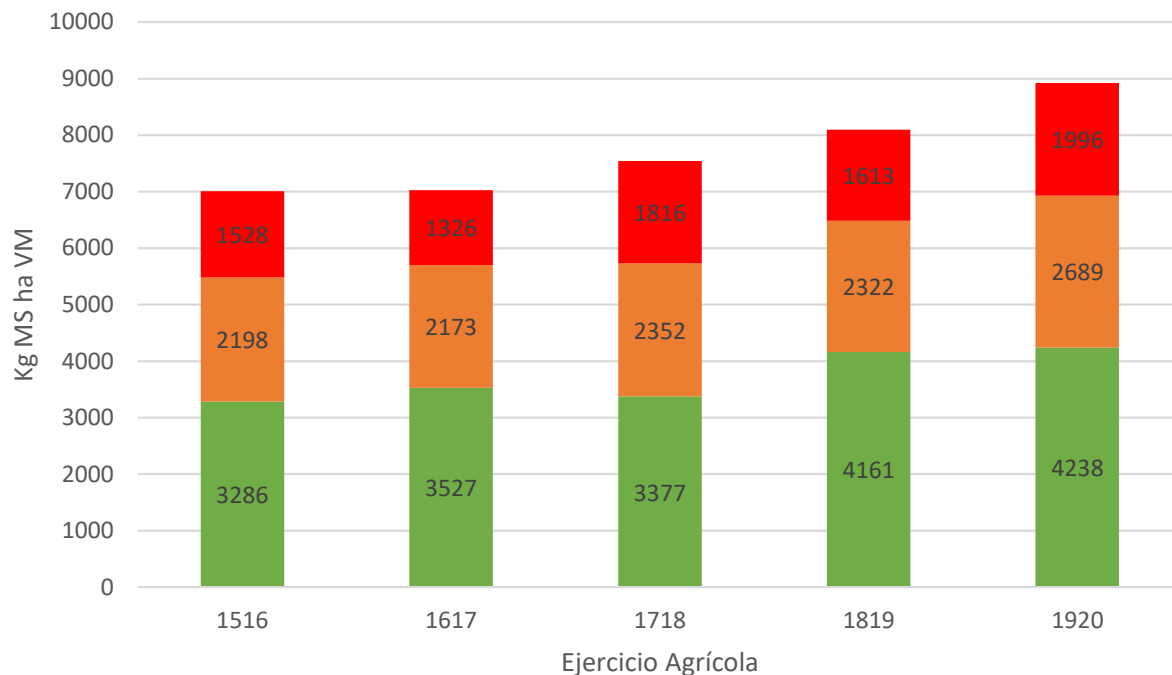
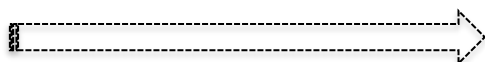
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Universidad de la República.



Proyecto Producción Competitiva



Do the dairies growth during price crisis?



	15/16	19/20
Feeding cost (USD/l)	0.15	0.12
Solids (kg/ha)	510	655
Solids (kg/cow)	458	511
Stocking rate (cow/ha)	1.13	1.30
Efic. KgDM/kg sól.	12.1	12.2



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Agricultural Systems 176 (2019) 102631

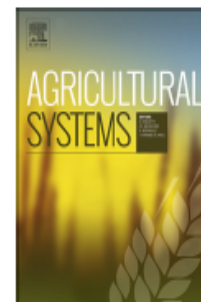


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Agricultural Systems

journal homepage: www.elsevier.com/locate/agsy



Opportunities and challenges for the growth of milk production from pasture: The case of farm systems in Uruguay

Fariña S.R.^{a,*}, Chilibroste P.^b

^aInstituto Nacional de Investigación Agropecuaria (INIA), Ruta 50 km 11.5, Colonia, Uruguay

^bUniversidad de la República, Ruta 3 km 363, Paysandú, Uruguay





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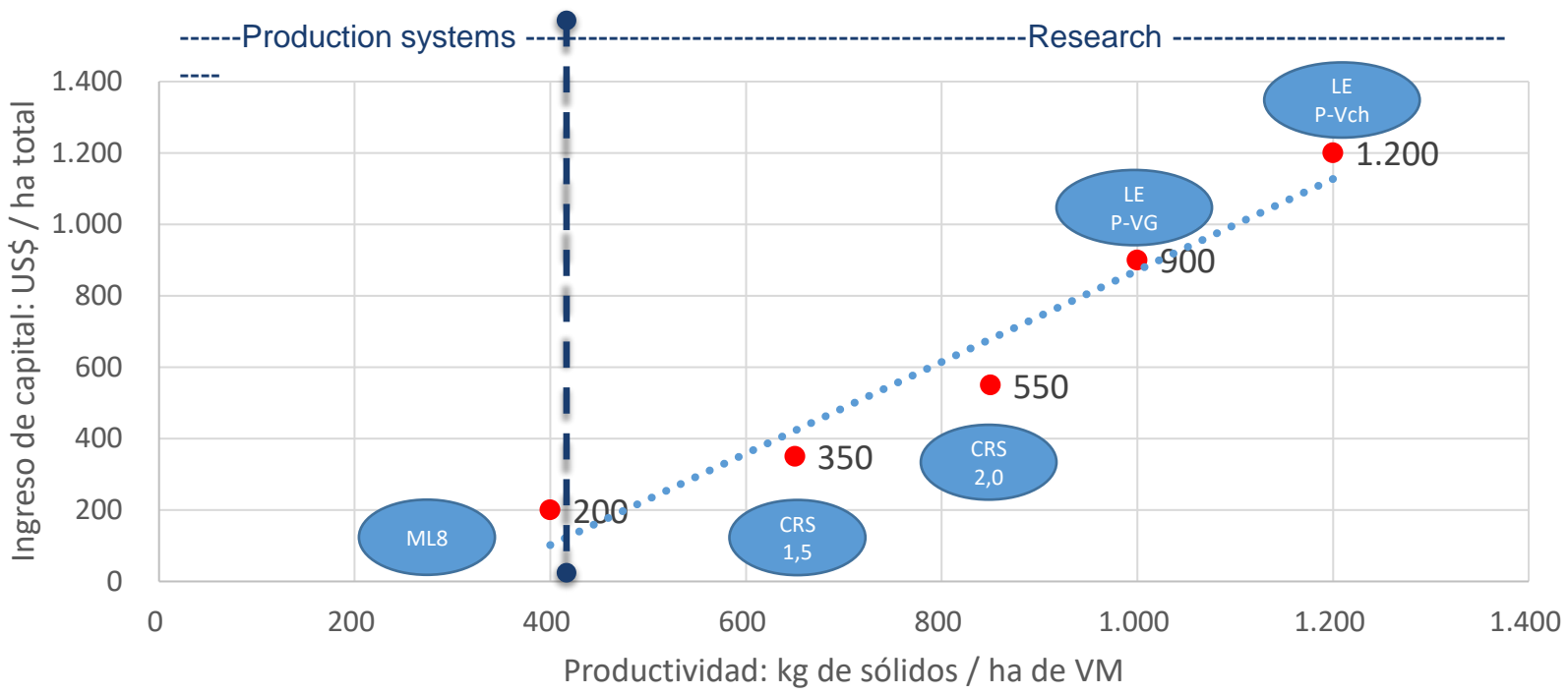
Technological Network 2015-2021

Private-public agreement to work on the competitiveness of dairy chain value.

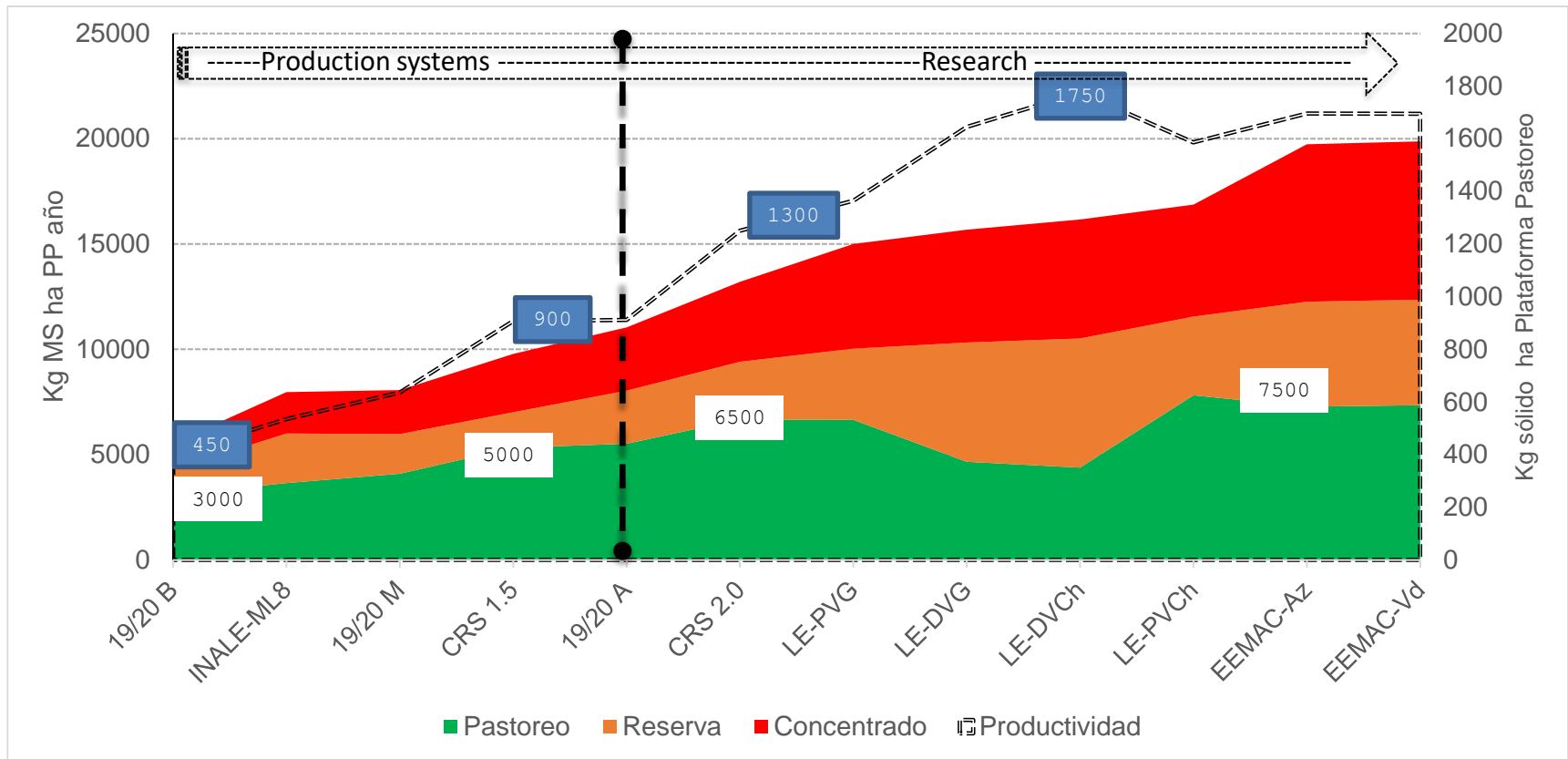
Vertical integration of research within long term research platforms



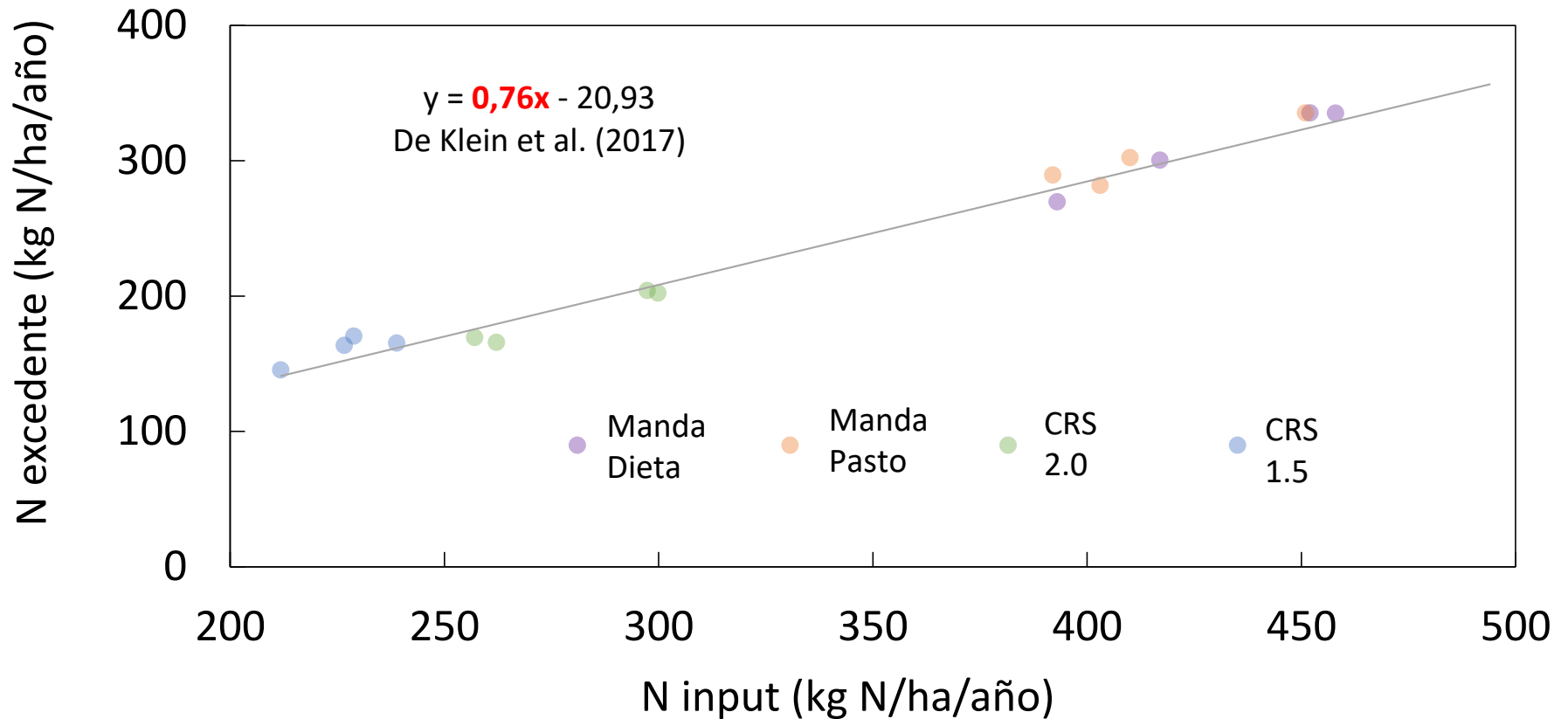
Net income and productivity



Feeding strategies to support productivity



Environmental pressure on the systems





Technological Network 2022-2027

Vertical integration of fundamental research within long term research platforms

- Sustainability of the whole chain
 - Link between production system and dairy products development
- Focus on monitoring, control and integration of main processes
- Special emphasis on social dimension



Thanks !!
Questions?

