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## **Trends: Integrating Sustainability into the Mind-set and Practices of Profitable AG**

There is a common saying, “Work SMARTER, not HARDER”. The SMALL RuminanTs breeding for Efficiency and Resilience (SMARTER) is an innovative, practical project sponsored by the EU Horizon 2020 Research Innovation Program with a goal to do just that! Focusing on practical, meaningful goals, they are striving to identify phenotypes and genotypes to support better breeding among sheep and goats including many breeds in a range of diverse environments!

Running from October 2018 thru 2022, there are currently 27 partners from 13 countries (including Canada, China and Uruguay)!

Stakeholders share data and experts from throughout the Dairy Community review the numbers to interpret where improvements can be made and to identify animals which are robust, using feed resources efficiently, etc.

Sustainability is an achievable goal which must be actively pursued to ensure greater success throughout the small ruminant and bovine raising communities (both meat and dairy) around the globe. See more at:  
[www.smarterproject.eu](http://www.smarterproject.eu)

### **Tips: Using real-time data as an effective management tool (from farm to table)**

Gaining a good perspective of critical information on a real-time basis gives everyone throughout the dairy supply chain an opportunity to more effectively and efficiently manage their day to day responsibilities. The key is to be able to see data which is meaningful in a reliable and timely manner. That way you can be more pro-active (and productive) in making your management decisions regarding feeding, breeding, herd health, milk quality, etc.

The LactiCheck 2 Milk Composition Analyzer<sup>2</sup> provides a complete profile of fat, solids, lactose, and protein in just seconds! This information is critical to farmers when considering herd health, feed management, culling and breeding. It is also important to Dairy Processors for payment, labeling and value-added process control. The LactiLog Data Recording/Reporting Software automatically encrypts and saves this data, making it readily accessible and allowing full transparency (if desired). Both systems are robust, reliable and affordable!

<sup>2</sup> <http://www.pagepedersen.com/products/milk-analyzers/lacticheck-lc02-rapiread>