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SENSOR DATA FOR ANIMAL HEALTH AND WELFARE – ICAR MEMBERS' PRESENT PERSPECTIVES AND FUTURE APPLICATIONS

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Precision livestock farming (PLF) in general and various sensor technologies measuring individual animal behavior and physiological parameters in particular are increasingly used in dairy farms to improve fertility and health management. However, interest in the data generated by these applications is also increasing in up- and downstream areas such as breeding or DHI-organizations but also retailer companies. ICAR plays a central role in standardization and certification of animal recording and aims to provide guidelines for the use of sensor data to its members. However, before being able to provide adequate guidance, it is important to know about the members' needs and expectations as well as the status quo on the use of sensor data and how it varies between member organizations. Thus, in this study, which was conducted within ICAR's Brian Wickham Young Persons Exchange Program (BWPEX) we interviewed representatives from ICAR member organizations to get an overview on different interests and the status quo on the one hand and gain deeper insights into their expectations and plans on the other hand. Results from these interviews and recommendations based on their analysis will be presented at the ICAR meeting.