THE GLOBAL STANDARD FOR LIVESTOCK DATA

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Title of the presentation

Development of herd management and animal breeding tools to improve the resilience and the sustainability of Holstein dairy cows in Spain

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Session: Using sensor technologies for health and welfare monitoring and recording as part of dairy herd improvement

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Title of the presentation: Development of herd management and animal breeding tools to improve the resilience and the sustainability of Holstein dairy cows in Spain

ABSTRACT

GO_ISAB is a Supra-autonomic Operational Group project of 80% co-funded by the European Union and 20% by the Spanish Ministry of Agriculture. The total project budget is about €400.000. GO-ISAB is an innovative project whose aim is to develop herd management and animal breeding tools to improve the sustainability and resilience of Spanish dairy herds. The idea behind Go-ISAB is to capture information available at farms with an automatic milking system and combine it with information that is routinely collected as part of the dairy performance control, type classification, and animal health recording program. Moreover, the project aims for genotyping all cows within herds which are recording new phenotypes to enable a genomic selection of animals able to cope with their environment. As a consequence of the development of the project and the achievement of its objectives, an improvement in the economic results of all the farms is expected due to an improvement in the efficiency of the animals, a reduction in the incidence of diseases due to genetic progress and an improvement in the management conditions. These objectives are part of the modernization needs of the sector, as well as the improvement of market orientation, which increasingly values actions aimed at improving Animal Welfare conditions. :