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Aims

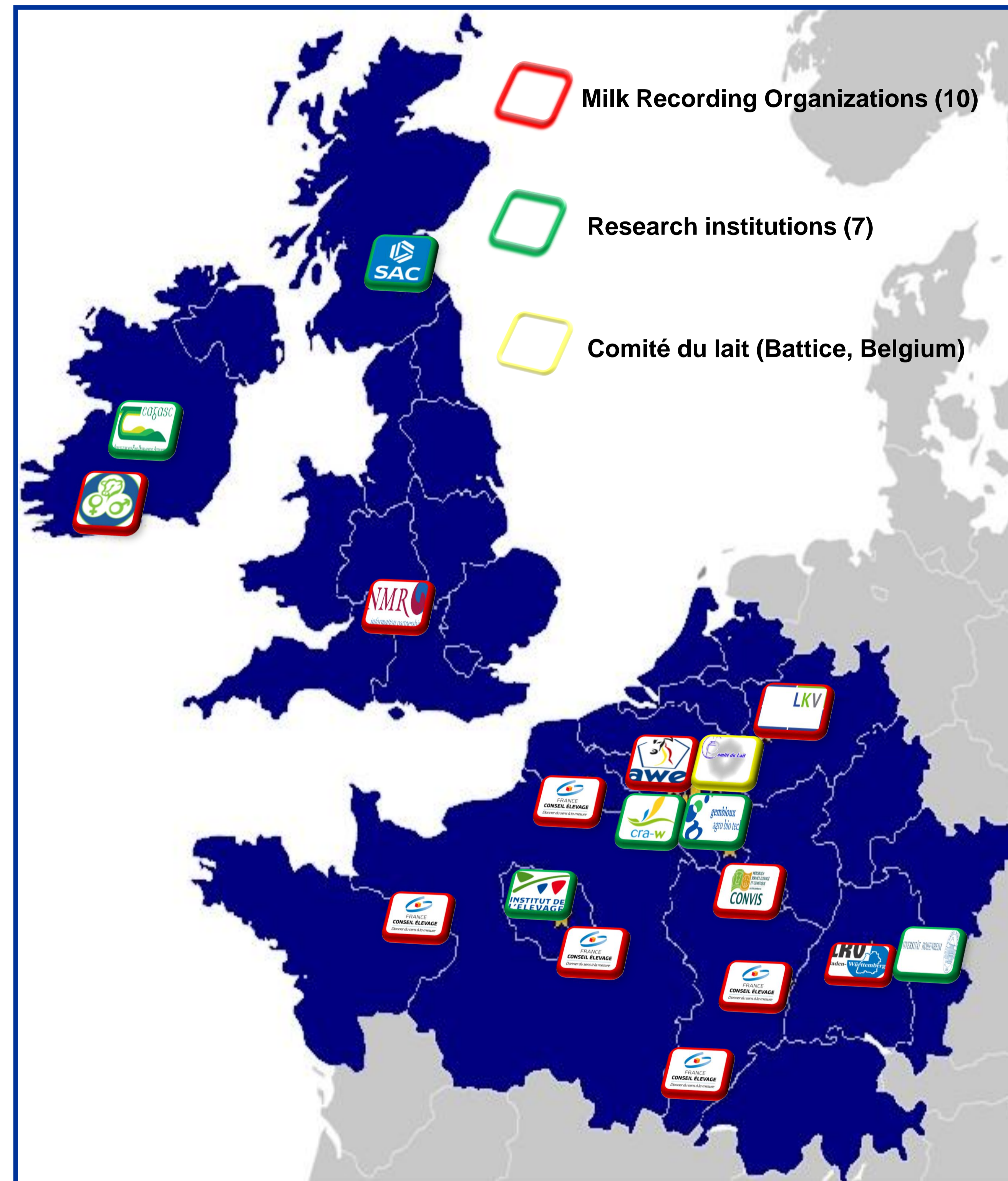
To improve the profitability and sustainability of the dairy sector by providing milk producers with innovative standardized management tools based on association between MIR milk records and cows' status:

- **To reduce the costs of production** through improved herd management for example:
 - costs of feeding with energetic balance indicator
 - veterinary costs with early diagnosis of mastitis
 - costs of semen straws with insemination predictor
- **To bring opportunities to access competitive markets** by measuring quality traits linked to higher added value (e.g. low-cost measure of food label claims)
- **To decrease the impact on the environment** (quantification of methane and nitrogen production)

Innovative Approach

- Large **cooperation** between Milk Recording Organizations (MRO) and research institutions specialized in animal sciences and infrared spectroscopy
- Exploration and use of the **all infrared spectrum** resulting from routine milk analysis as indicator of the **cows' status**
- Harmonization of the data collected by the various MRO's allowing a better validity of the **management tools** developed for all the areas of North West of Europe and their various systems of production

Partners



Work Packages of the Project

