European Milk Recording
Milk Recording Organizations involved in OptiMIR decide to create an European Economic Interest Grouping called “EUROPEAN MILK RECORDING” or EMR to go further in their collaboration.

To pool and coordinate resources and means, and carry out together activities of common interest in the service of dairy farmers.
Use of milk recording data for an acute management of herd and cows

The MIR spectrum got by analysing a milk sample of one cow to provide information on its fertility, its feeding, its health or its environmental impact.
Use of milk recording data for an acute management of herd and cows

MAIN RESULTS:
Ketosis Model deployed in the field
BHB, Acetone, Citrate, Mineral, Fatty Acid Equations
7 countries
12 members
± 5,600,000 recorded dairy cows in 80,000 herds
European Milk Recording EEIG
European Economic Interest Grouping

[Logos of various organizations]
WHAT ARE WE DOING?

European Milk Recording
• To exchange on existing tools and solutions
• To maintain the spectral data standardization and improve the ring test procedure
• To host and maintain the OptiMIR transnational database
• To regularly upgrade the OptiMIR algorithms through agreements or contracts with public, academic or private research companies
• To facilitate supports between members
• To facilitate new investigations and developments of new MIR algorithms through agreements or contracts with public, academic or private research companies.
STANDARDIZATION OF INFRARED MILK ANALYTICAL RESPONSES (SIMILAR)

EMR standardization service enables to standardize milk mid infrared (MIR) spectra directly at the source, across milk labs, brands and models of spectrometers. It fills the gap between the opportunity of predicting a wide range of new phenotypes from the milk and the possibility to implement them on a routine basis in the labs. CRA-W is the technical operator of the EMR standardization service which is based on the modelling of EMR virtual Master apparatus.

A total of 91 FT-MIR apparatus are currently in EMR standardization network.
New indicators and tools based on MIR: Energy Balance, Immunity Indicator, Mastitis Predictions, Lameness....

Meeting with manufacturers especially regarding data exchanges and to promote ICAR data exchange working group job.
WHAT ARE OUR MAIN RULES?
All members abstain from competing with another member

Financial contribution and voting: 50% of the cost is shared equally between members and 50% according to the number of recorded cows

Unanimous decision (100% of the votes) of the members is required in order to:
- modify EMR formation contract and main internal rules
- admit new member
- validate budget

Any other decision requires a two thirds (66%) majority of the votes cast
<table>
<thead>
<tr>
<th>Member</th>
<th>N° of recorded cows in 2014</th>
<th>% of cows</th>
<th>50% of weight according to % of cows</th>
<th>50% of weight equally shared</th>
<th>WEIGHT</th>
</tr>
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<tbody>
<tr>
<td>1 AWE</td>
<td>74.227</td>
<td>1.32%</td>
<td>0.66%</td>
<td>4.17%</td>
<td>4.83%</td>
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<tr>
<td>2 FCEL</td>
<td>2.832.457</td>
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<td>25.18%</td>
<td>4.17%</td>
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<td>3 CARA</td>
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<td>4 CEL25-90</td>
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<td>5 CLASEL</td>
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<tr>
<td>6 CONVIS</td>
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<td>7 OXYGEN</td>
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<td>1.27%</td>
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<td>4.17%</td>
<td>4.80%</td>
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<td>8 ICBF</td>
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<td>9 LKV-BW</td>
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<td>3.17%</td>
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<td>7.34%</td>
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<td><strong>Total</strong></td>
<td><strong>5.624.341</strong></td>
<td><strong>100%</strong></td>
<td><strong>50.00%</strong></td>
<td><strong>50.00%</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

**Member**

- Belgium
- France
- Ireland
- Germany
- Austria
- UK
European Milk Recording EEIG

European Economic Interest Grouping

Scientific Committee
8 universities or research centres

SCIENTIFIC ADVICES
European Milk Recording EEIG

European Economic Interest Grouping

College of members
12 representatives / 1 per member MRO

Board
3 people / 1 chairman & 2 vice-chairmen

Scientific Committee
8 universities or research centres

Observers

DECISIONS
SUGGESTIONS & MANAGEMENT
SCIENTIFIC ADVICES
CONSULTATIVE OPINION
BUSINESS RELATIONSHIP

CUSTOMERS
For more information:

http://www.milkrecording.eu/
THANK YOU FOR ATTENTION