ICAR Technical Workshop
10-12 June, 2015
Krakow, Poland

PERFORMANCE RECORDING IN THE GENOTYPED WORLD
POLISH FEDERATION OF CATTLE BREEDERS AND DAIRY FARMERS

General overview of activity
Created in 1995 by breeders

Unifies 20 regional breeders’ associations

Managed by breeders

Provides its services for breeders’ benefit
ACTIVITIES

Herdbooks of dairy cattle (since 2004) and realisation of the breeding program in the cooperation with AI centres

Milk recording (since 2006) MR methods A4, AT4, A8
all animal events data collection, milk samples analyses: protein, fat, urea, lact., dry solids, somatic cells, acetone, BHB. Pedigrees confirmation – DNA

Type conformation (since 2007)

Nutritional advisory (since 2008) + forage laboratory

Mating advisory – using our own software tool called „DoKo”

Development projects (since 2012)

Organisation and co-organisation of dairy cattle shows in regional and national scale
PFCBDF employs more than 1,000 people

<table>
<thead>
<tr>
<th>Number</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>670</td>
<td>field technicians (samples takers)</td>
</tr>
<tr>
<td>67</td>
<td>supervision inspectors</td>
</tr>
<tr>
<td>80</td>
<td>people responsible for data verification and its typing into DB</td>
</tr>
<tr>
<td>80</td>
<td>people in 4 laboratories</td>
</tr>
<tr>
<td>12</td>
<td>herdbooks specialists</td>
</tr>
<tr>
<td>10</td>
<td>type conformation classifiers</td>
</tr>
<tr>
<td>10</td>
<td>feeding advisors</td>
</tr>
<tr>
<td>3</td>
<td>metrology specialists</td>
</tr>
</tbody>
</table>
Polish Federation of Cattle Breeders and Dairy Farmers is a member of:

- International Committee for Animal Recording (ICAR) and its Sub-committee INTERBULL
- World Holstein Friesian Federation (WHFF)
- European Holstein and Red Holstein Confederation (EHRC)
- European Simmental Federation
- Copa-Cogeca Working Group „MILK” and Advisory Group „MILK AND DAIRY PRODUCTS”
4 Laboratories

CombiFoss™ FT+ 600 samples/hour

1 Forage laboratory  InfraXact™
FOSS

1 Cattle genetics laboratory
(since 2015)
The strength of PFCBDF’s feeding advisory services is:

AN OBJECTIVE AND INDIVIDUAL APPROACH TOWARDS EACH SINGLE HERD
PFCBDF provides its clients with:

**A DIRECT ACCESS INTO DATABASE IN TERMS OF THEIR DATA**
PDA implementation

**PSION WORKABOUT**

(70% TECHNICIANS)

DEVELOPMENT OF A NEW MANAGEMENT SYSTEM

INTEGRATING ALL DATA SOURCES AT A FARM
National milk production level in mln kg

Source: EUROSTAT
PFCBDF Evolution of recorded population

Source: EUROSTAT, PFCBDF
PFCBDF Average milk yield of recorded cows

Source: ICAR, PFCBDF
### PFCBDF in figures

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of recorded cows in V-2015</td>
<td>754 128</td>
</tr>
<tr>
<td>Number of recorded herds on 31. 12. 2014</td>
<td>20 101</td>
</tr>
<tr>
<td>Total number of dairy cows</td>
<td>2 247 785</td>
</tr>
<tr>
<td>Percentage of cows in milk recording</td>
<td>33%</td>
</tr>
<tr>
<td>Cows registered in herd book</td>
<td>678 332</td>
</tr>
<tr>
<td>Average size of recorded herd</td>
<td>35.4</td>
</tr>
<tr>
<td>Methods</td>
<td>70% AT4 26% A4 4% A8</td>
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<tr>
<td>Average milk yield</td>
<td>7 582</td>
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</table>
LIMITED LIABILITY COMPANY
OF POLISH FEDERATION
OF CATTLE BREEDERS AND DAIRY
FARMERS

POLSKA FEDERACJA

WWW.ICAR2015.PL
TASK OF LTD. COMPANY

ISSUING THE CATTLE BREEDING MAGAZINE

24 000 monthly
TASK OF LTD. COMPANY
DELIVERING EAR TAGS TO OUR BREEDERS
approx. 50,000 monthly
TASK OF LTD. COMPANY
DELIVERING COW FITTING SERVICES
TO BREEDERS
WE ARE LOOKING FORWARD TO MEETING YOU IN POLAND AGAIN!

Congress website: http://www.wsffcongress2016.pl
THANK YOU FOR YOUR ATTENTION