



KBMB
KRAJOWY BANK
MATERIAŁÓW BIOLOGICZNYCH



Poland – EUGENA net

Ewa Sosin

National Institute of Animal Production;
Balice near Kraków, Poland

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- Main objective of the genebank/s enrol in EUGENA.
- Type of hosting institution of the genebank/s enrol in EUGENA.
- Material-Breed-Species stored.
- How EUGENA can support your genebank/s?

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Genebanks enrolled in EUGENA - PL



KBMB
KRAJOWY BANK
MATERIALÓW BIOLOGICZNYCH

2019

(National Bank of Biological Material)



2022



MCB (Malopolska Center of Biotechnic)

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Role of genebanks

NBBM (National Bank of Biological Material)	MCB (Malopolska Center of Biotechnic)
<ul style="list-style-type: none">• collection and storage biological material from the breeds covered by the Genetic Resources Conservation Programme and from animals with outstanding production and breeding characteristics (rare and commercial breeds).• commercial storage of material (?)	<ul style="list-style-type: none">• typical commercial AI station• collection and storage of material from bulls qualified for conservation programs• mirror collection for cattle• implementation the breeding programmes for 5 breeds of cattle and 8 breeds of pigs.

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Type of hosting institution of the genebank/s enrol in EUGENA.

NBBM (National Bank of Biological Material)

- part of the National Research Institute of Animal Production
- NRIAP- scientific institution with nationwide coverage, operating and implementing the policy of the Ministry of Agriculture and Rural Development

MCB (Malopolska Center of Biotechnology)

- private company

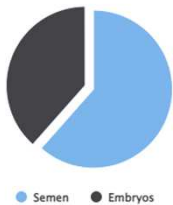
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Material-Breed-Species stored

Type of material




Distribution of samples per material type



Distribution of samples per material type



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Cattle – 10 breeds, mainly semen

Species	Breed	Material type	Samples	Male donors	Female donors	First collected	Last collected
CATTLE	Polska czerwona (RP)	Semen	18118	92	0	2002	2021
CATTLE	Polska czarno-biała (ZB)	Semen	4863	23	0	2009	2020
CATTLE	Polska czerwono-biała (ZR)	Semen	6381	26	0	2007	2021
CATTLE	Limousine	Semen	200	1	0	2018	2018
CATTLE	Polska holsztyńsko-fryzjska czarno-biała	Semen	2298	3	0	2007	2011
CATTLE	Polska holsztyńsko-fryzjska czerwono-biała	Semen	14714	14	0	2009	2014
CATTLE	Białogzbieta	Semen	3273	49	0	2004	2020
CATTLE	Simmental	Semen	860	4	0	2009	2016
CATTLE	Polska czerwona (RP)	Embryos	18	2	2	2020	2020
CATTLE	Polska czerwono-biała (ZR)	Embryos	46	5	6	2020	2021

Pigs – 2 breeds, embryos

Species	Breed	Material type	Samples	Male donors	Female donors	First collected	Last collected
PIG	Puławska	Embryos	353	5	32	2017	2021
PIG	Złotnicka Psra	Embryos	34	2	3	2018	2018

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Cattle, 8 breeds, only semen

Species	Breed	Material type	Samples	Male donors	Female donors	First collected	Last collected
CATTLE	Polska holsztyńsko-fryzjska czarno-biała	Semen	8827	15	0	2013	2022
CATTLE	Limousine	Semen	42742	5	0	2012	2022
CATTLE	Polska czerwona (RP)	Semen	49539	109	0	1981	2021
CATTLE	Polska holsztyńsko-fryzjska czerwono-biała	Semen	90024	47	0	2021	2022
CATTLE	Polska czarno-biała (ZB)	Semen	5380	10	0	2015	2022
CATTLE	Polska czerwono-biała (ZR)	Semen	6865	25	0	1992	2022
CATTLE	Charolais	Semen	9649	5	0	2008	2021
CATTLE	Simental mleczny	Semen	161029	98	0	2007	2012

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How EUGENA can support your genebank/s? AnGR conservation?

- exchange of information about AnGR
- building awareness of decision-makers, breeders' associations, individual breeders, society
- easier actions, good points in the discussion
- prestige for enrolled genebanks
- cooperation between genebanks (good common practices, ready solutions, new ideas).

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Thank you

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