



# International Strategic Programs for the Conservation of Animal Genetic Resources for Food and Agriculture

DEAR COLLEAGUES,

The Canadian Animal Genetic Resource program, a joint initiative of Agriculture and Agri-Food Canada and the University of Saskatchewan, invites you to an OECD sponsored workshop on conservation of animal genetic resources. This workshop, entitled "International Strategic Programs for the Conservation of Animal Genetic Resources for Food and Agriculture" will be held in Vancouver, British Columbia, Canada, July 17th, 2010.

This is the first workshop on genetic diversity held in Canada, a country of extraordinary experiences. Vancouver is a multicultural city located in one of the most scenic area in Canada. The venue for the workshop is the Renaissance Vancouver Harbourside Hotel located in the downtown areas of Vancouver (British Columbia, Canada) overlooking the North Shore Mountains and the Pacific Ocean. This amazing site will provide an excellent environment to exchange ideas and develop collaborations with colleagues and associated industries.

Participants will have the opportunity to share and gather information about different strategies to protect animal genetic resources from around the world. Moreover, an update on current reproductive technologies allow participants the opportunity to observe how these technologies can be used in the conservation of animal resources. The overall goal is to enhance national and international development and collaboration on programs designed to protect animal genetic resources, and ultimately ensure diversity and the sustainability of farm animals worldwide.

We are hoping to see you there! Please, save the date: July 17th, 2010.

À BIENTÔT! --- SEE YOU SOON!

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Program: July 17th, 2010

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| 08:00-08:20 | Dr. P. Silva, (OECD)<br>Welcome and Introductory Comments  |
| 08:20-08:50 | Dr. J. Kastelic<br>"Are we conserving or condemning genetic diversity?"  |
| 08:50-11:00 | Animal conservation program in developed countries<br>Dr. K. Richards (Canada)<br>"Canadian Animal Genetic Resource program"<br>Dr. H. Blackburn (USA)<br>"US Gene Banking Program and the Brazilian-Canadian and US Database System"<br>Dr. Montserrat Castellanos Moncho (Spain)<br>"Spanish National Plan for Preservation, Improvement and Promotion of Breeds"<br>Dr. E. Martyniuk (Poland)<br>"Animal genetic resources conservation programme in Poland: successes and obstacles"   |
| 11:00-11:30 | Roundtable: Success stories and challenges experienced by the different national programs  |
| 11:30-13:00 | Lunch  |
| 13:00-14:30 | Animal conservation programs in emerging economies<br>Dr. O. Perera (South-Asia)<br>"The changing pattern of livestock farming systems in South-Asia, threats to indigenous breeds and programs to conserve animal genetic resources"<br>Dr. M. Henry (Brazil)<br>"State of genetic diversity programs in livestock in Brazil - is loss of indigenous breeds a problem?"<br>Dr. T.L. Nedambale and Mr T.C. Chokoe (South Africa)<br>"Status of farm animal genetic resource in South Africa"   |
| 14:30-15:00 | Roundtable: Success stories and challenges experienced by the different national programs  |
| 15:00-15:15 | Break  |
| 15:15-17:15 | Recent developments in reproductive technologies<br>Dr. F. Gandolfi<br>"Advantages and limitations of in vitro embryo production applied to conservation programs"<br>Dr. G.P. Adams<br>"Wood bison: Reproductive technology as a method to preserve a threatened Canadian species"<br>Dr. G. Gabor<br>"Factors influencing pregnancy rate in dairy cattle"<br>Dr. G. Evans<br>"Conservation and application of sexed sperm in breeding programs"<br>Dr. P. Hansen<br>"Prospects for Genetic Modification to Improve Dairy Cow Reproduction During Heat Stress"<br>Dr. W. Thatcher<br>"Has the loss of genetic diversity adversely affected the Holstein?" |
| 17:15-17:30 | Concluding remarks and lessons learned   |