



2016

GLOBAL DOHNE CONFERENCE

Celebrating

50 years

"A must for all sheep producers"

JULY 21 -22 | AUSTRALIA

The Versatile Breed – Global Dohne Conference 2016

The Dohne Merino in South Africa Current status

JL Vosloo

(President DMBS – South Africa)



Sheep numbers in South Africa

Year	Merino type Incl Dohne Merino	Other Woolled Sheep	Non Woolled sheep	Total Number of sheep
1990	17.92	4.66	6.91	29.90
1995	13.33	5.10	6.95	25.48
2000	12.20	4.25	7.06	23.59
2005	11.77	4.23	6.22	22.24
2010	11.25	4.16	6.06	21.49
2015	11.04	4.08	5.89	21.03

Mutton and wool production in South Africa

Year	Nr sheep Slaughtered <i>(in millions)</i>	Total importation Lamb & Mutton <i>(in million tons)</i>	Total consumption Lamb & Mutton <i>(in million tons)</i>	Greasy wool production <i>(in million tons)</i>
1990	9.10	0.0173	0.2060	74.60
1995	5.90	0.0381	0.1430	45.20
2000	5.96	0.0551	0.1590	33.50
2005	6.43	0.0430	0.1760	31.80
2010	6.24	0.0081	0.1550	31.50
2015	7.31	0.0102	0.1930	33.40

Distribution of Dohne Merino studs in South Africa



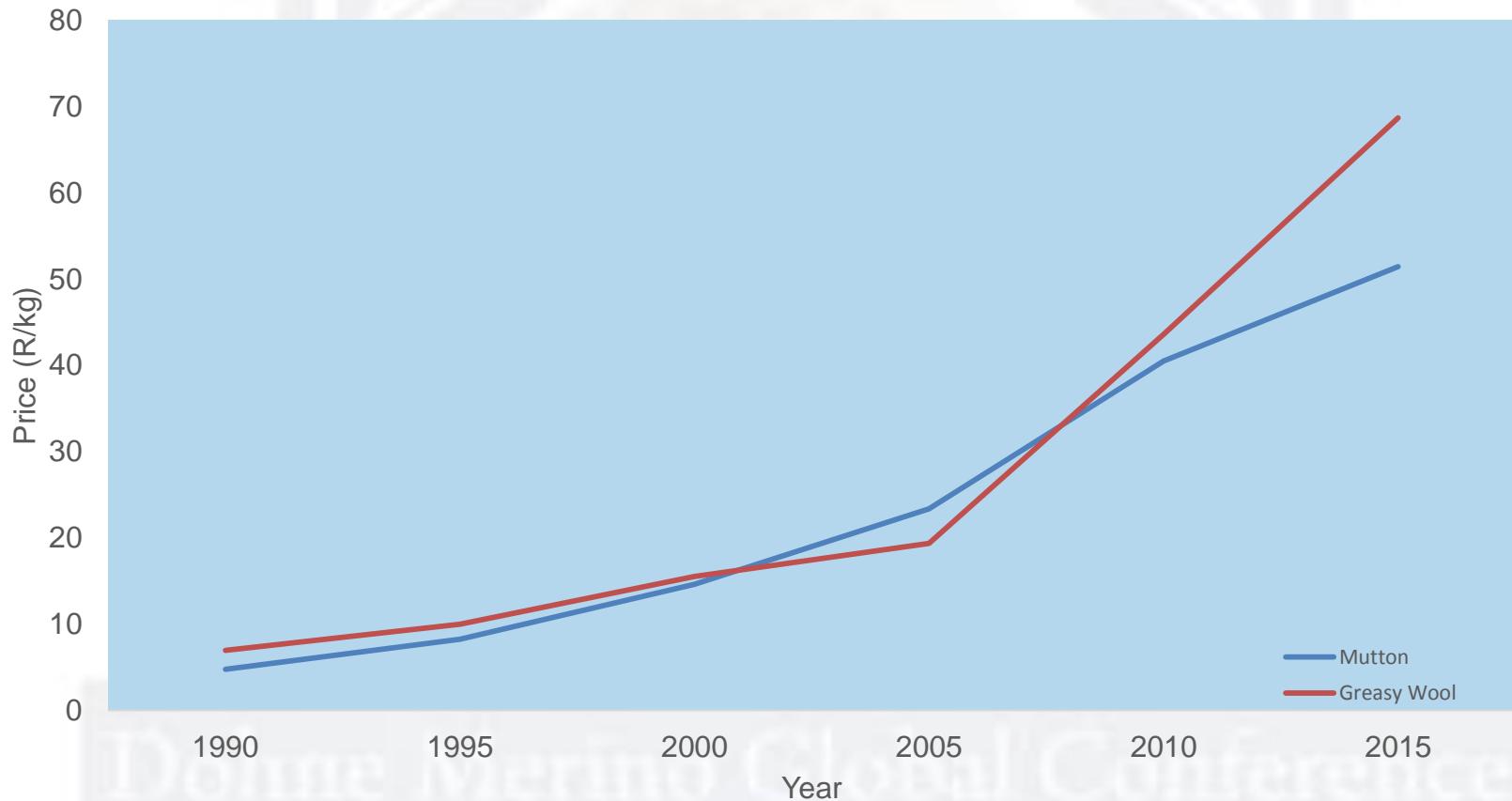
Sheep production environments in South Africa



Number of Dohne Merino and Merino rams sold on official sales from 2010 to 2015

Breed	2010	2011	2012	2013	2014	2015
Dohne Merino	2438	2757	2747	2707	2774	2718
Merino	3639	3757	3761	3976	4165	4286

Button and Wool Price – South Africa



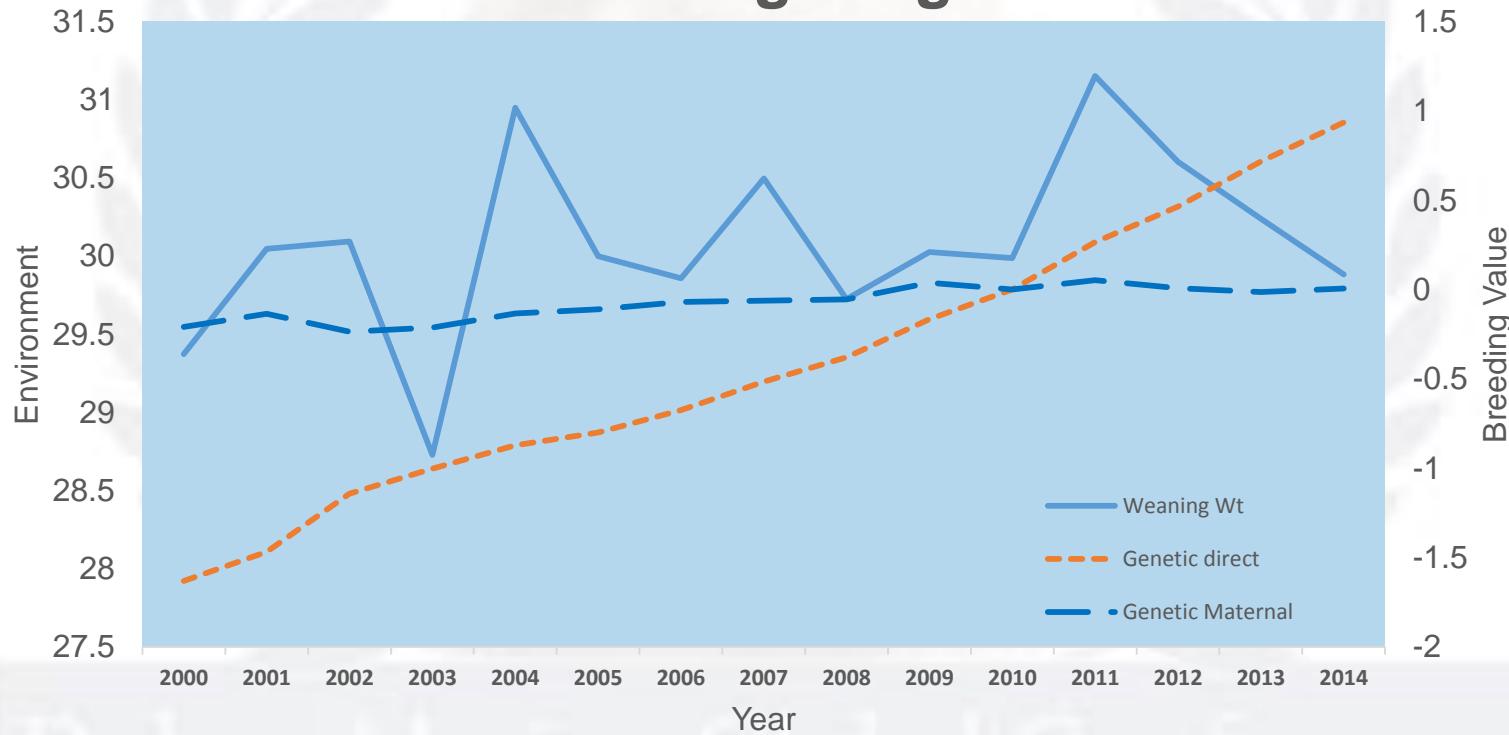
Contribution of measured traits after changes in the South African Dohne Merino Breeding policy

Relative phenotypical selection response (%)

<u>Trait</u>	<u>1990</u>	<u>Weaning wt</u>	<u>2015</u>
<i>Weaning wt</i>	25.6	20.56	23.60
<i>12 mts. body wt</i>	28.8	19.80	22.35
<i>Clean fleece wt</i>	8.12	11.38	13.15
<i>Fibre diameter</i>	40.0	26.80	19.90

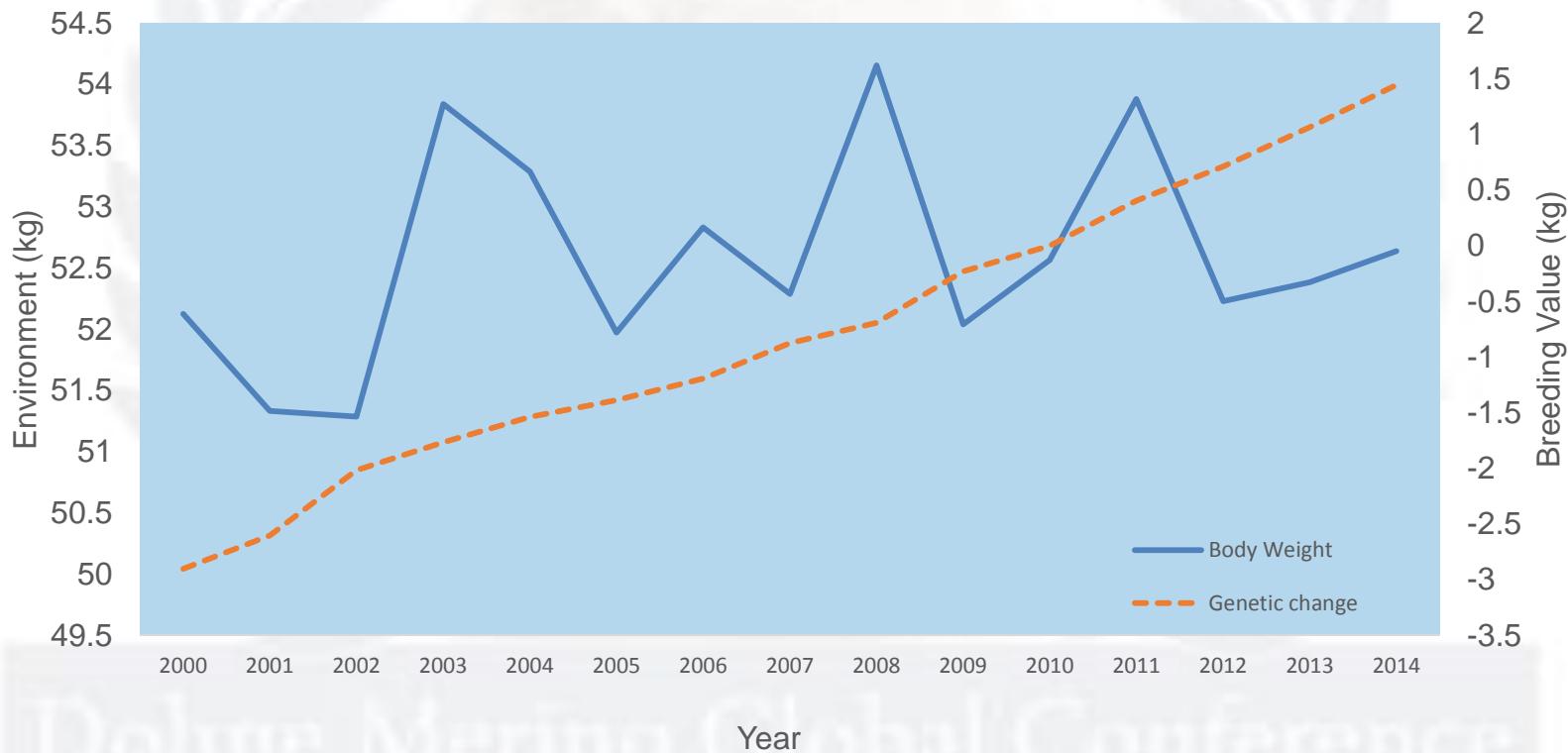
Genetic and environmental trends in South African Dohne Merinos

Weaning weight



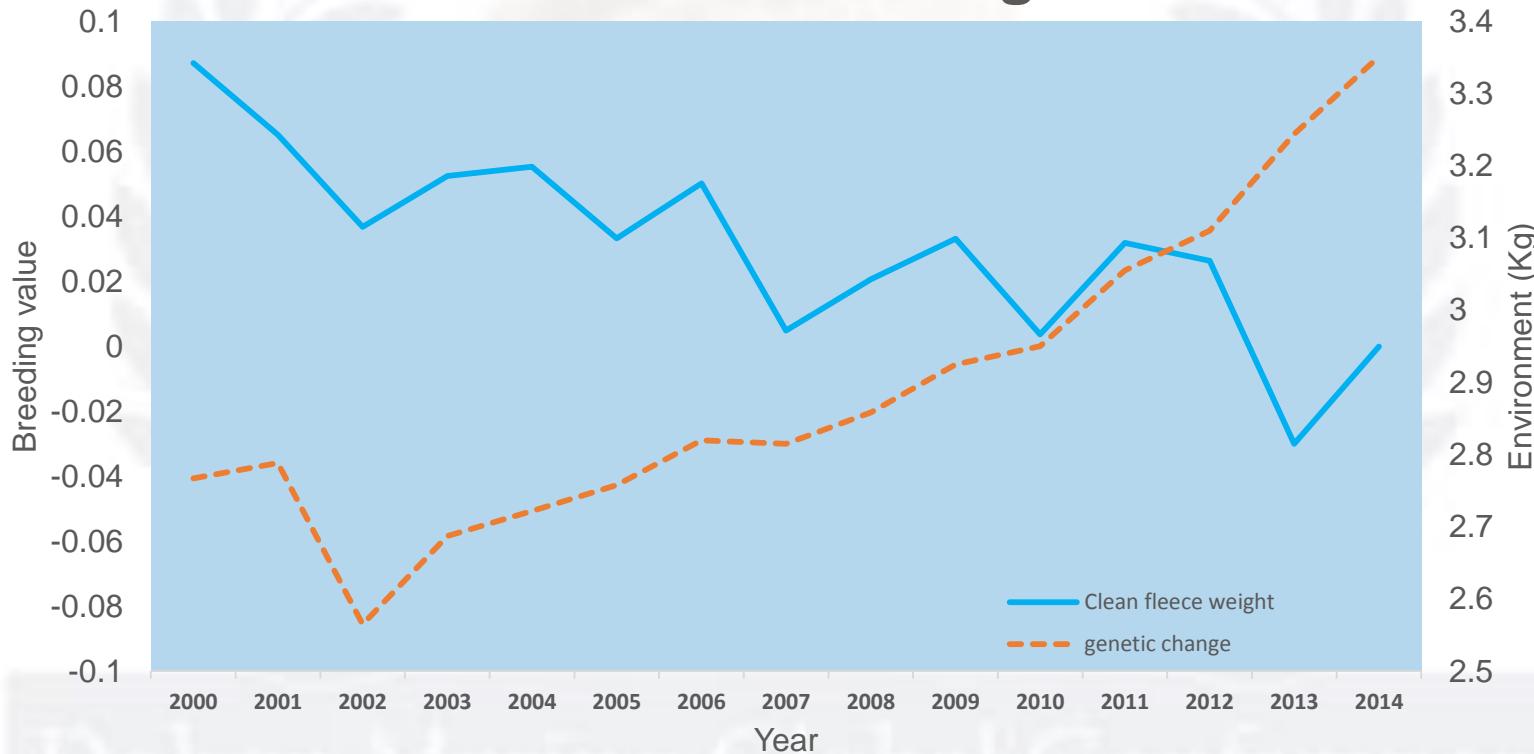
Genetic and environmental trends in South African Dohne Merinos

12 Mts. Body Weight



Genetic and environmental trends in South African Dohne Merinos

Clean Fleece Weight



Genetic and environmental trends in South African Dohne Merinos

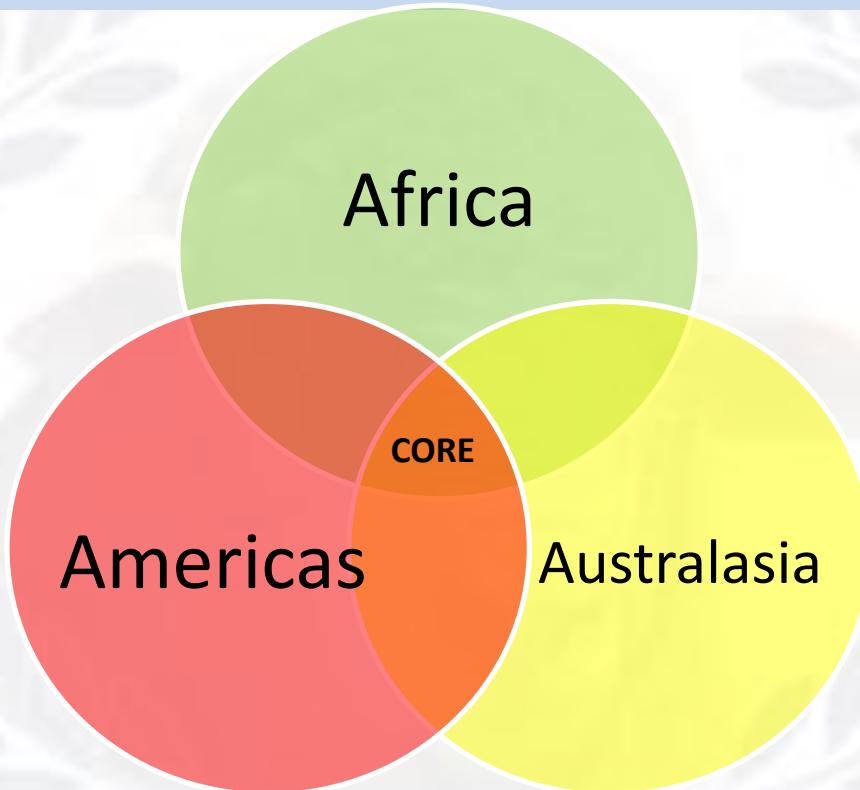
Fibre Diameter



Future Challenges

- More complex breeding objectives have to be balanced against additional cost to the breeder
- Marketing have to focus more on cross breeding and international expansion
- Current veterinarian protocols jeopardize effective exchange of genetic material
- Common ground should be find on an international basis

Core criteria for international collaboration



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Message from South Africa

On behalf of the Dohne Merino Breed Society of South Africa, we congratulate and thank Dohne Australia for having the foresight and the perseverance of hosting this inaugural Global Dohne Conference. We wish you the very best of luck with your ventures and we look forward to the global expansion of the Dohne Merino

Ladies and Gentlemen – I thank you.



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Thank you for your attention.

Any Questions ?

**ASK ME
ANYTHING**

