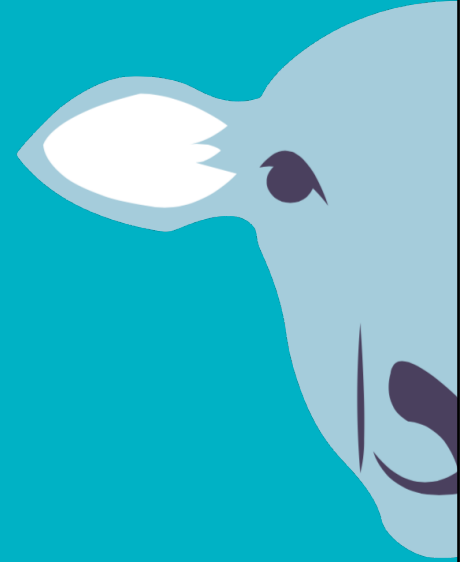




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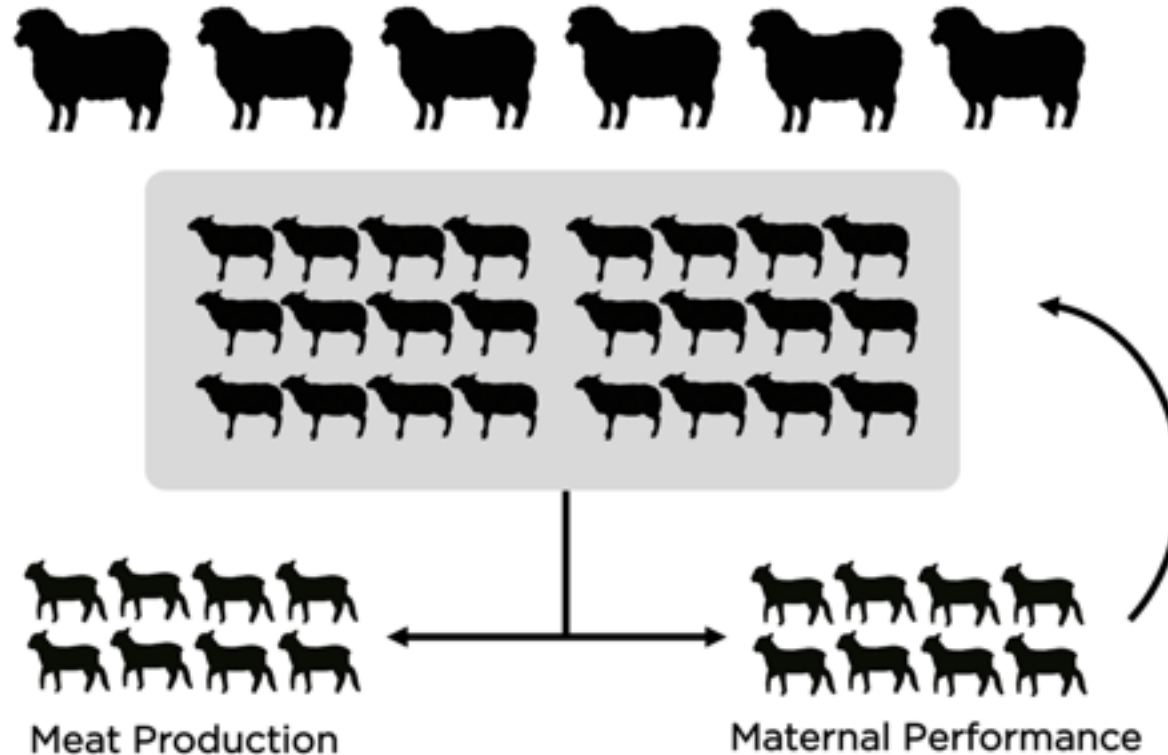
B+LNZ Genetics

Central Progeny Test review

Annie O'Connell, B+LNZ Genetics

B+LNZ Genetics Central Progeny Test (CPT)

Evaluating finishing and/or maternal performance



Central Progeny Test Restructure

Lowland DP+TS

Woodlands
Poukawa
Ashley Dene



Hill DP

Taratahi
Onslow View



Central Progeny Test Restructure

Lowland DP+TS

Woodlands
Poukawa
Ashley Dene



Hill DP

Taratahi
Onslow View



Review recommendations

- More rams
- Younger age
- More 'farmer' relevant environments
- Partnership with industry



Central Progeny Test Restructure



Lowland DP+TS
Invermay




Hill DP
Taratahi
Onslow View



Central Progeny Test Restructure

<u>Lowland DP+TS</u> Invermay	
<u>Hill DP</u> Taratahi Onslow View	

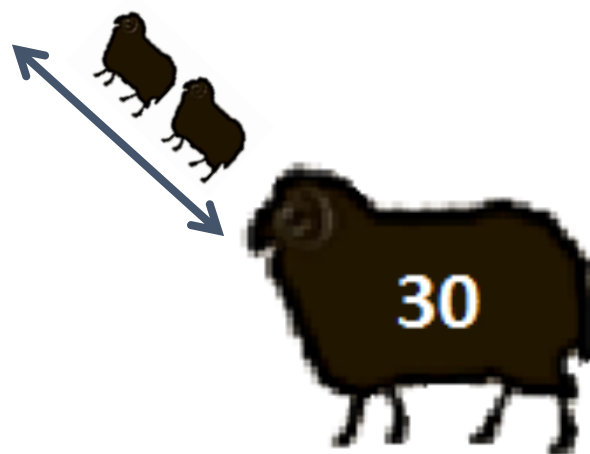


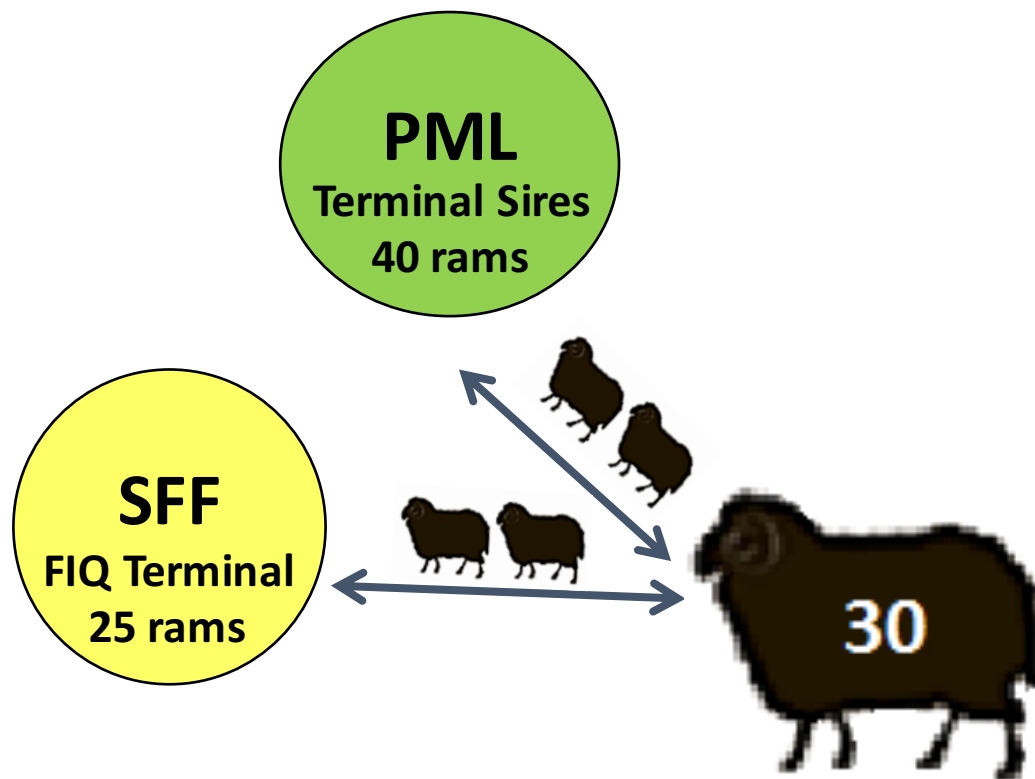
Review recommendations

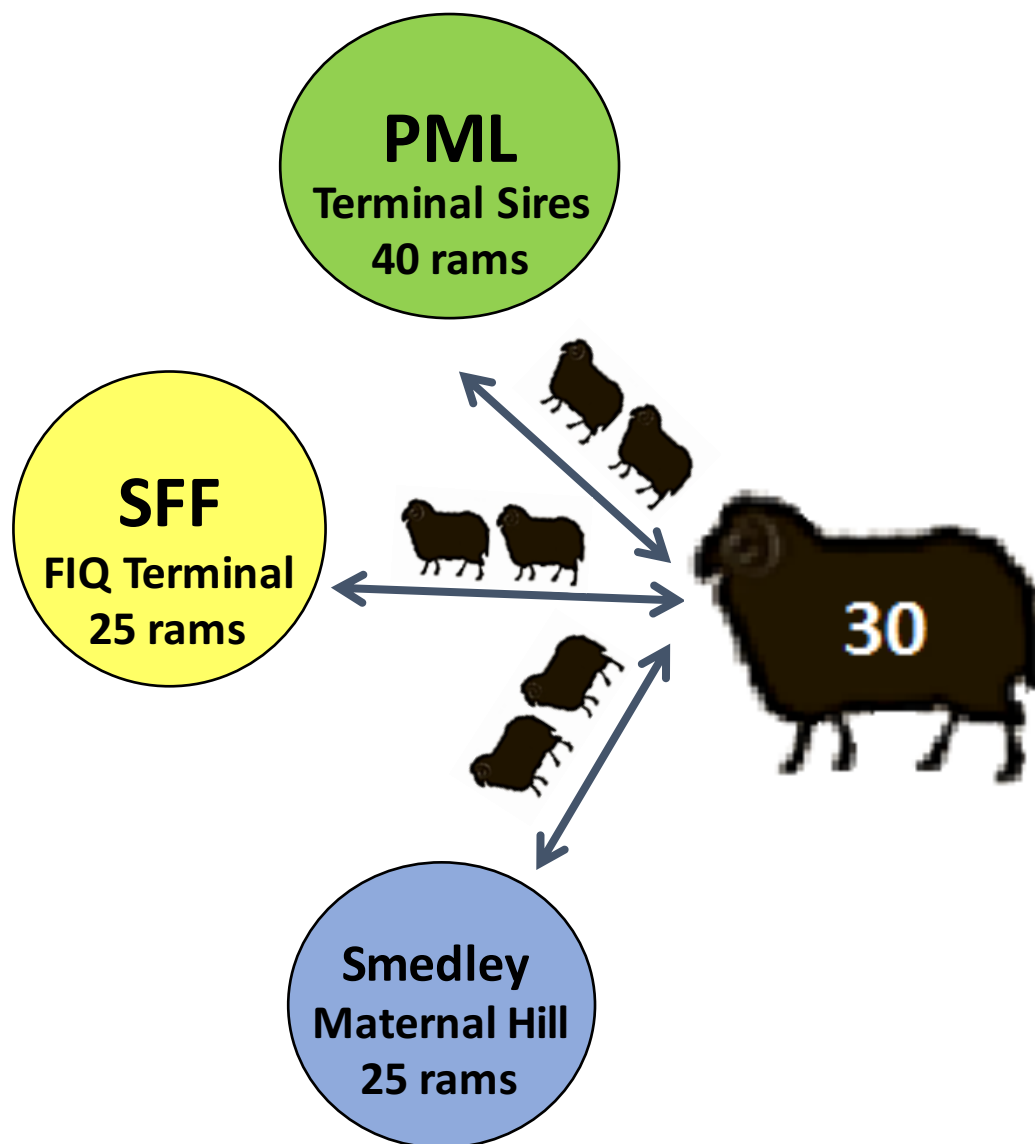
- More rams
- Younger age
- *More 'farmer' relevant environments*
- Partnership with industry

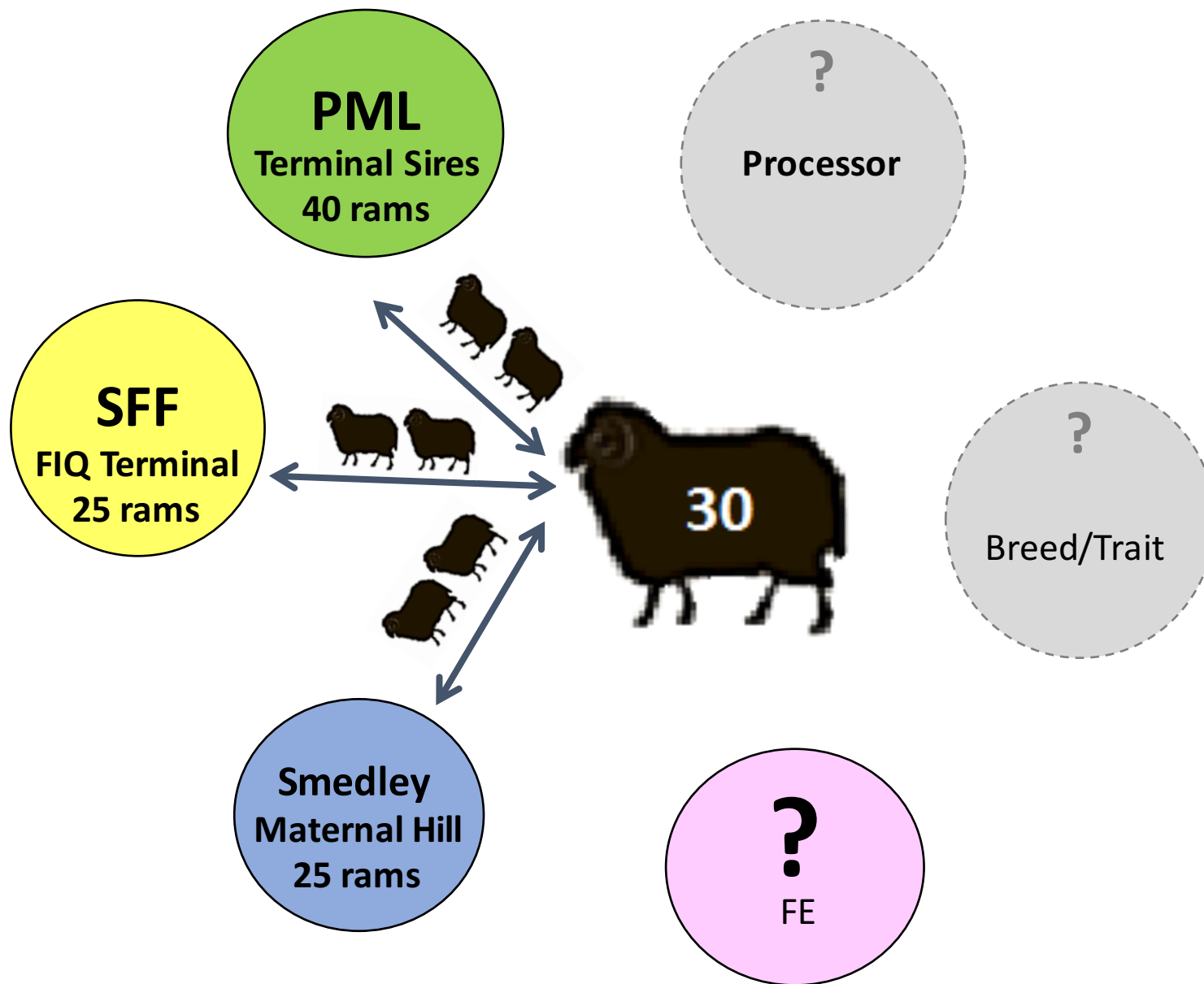


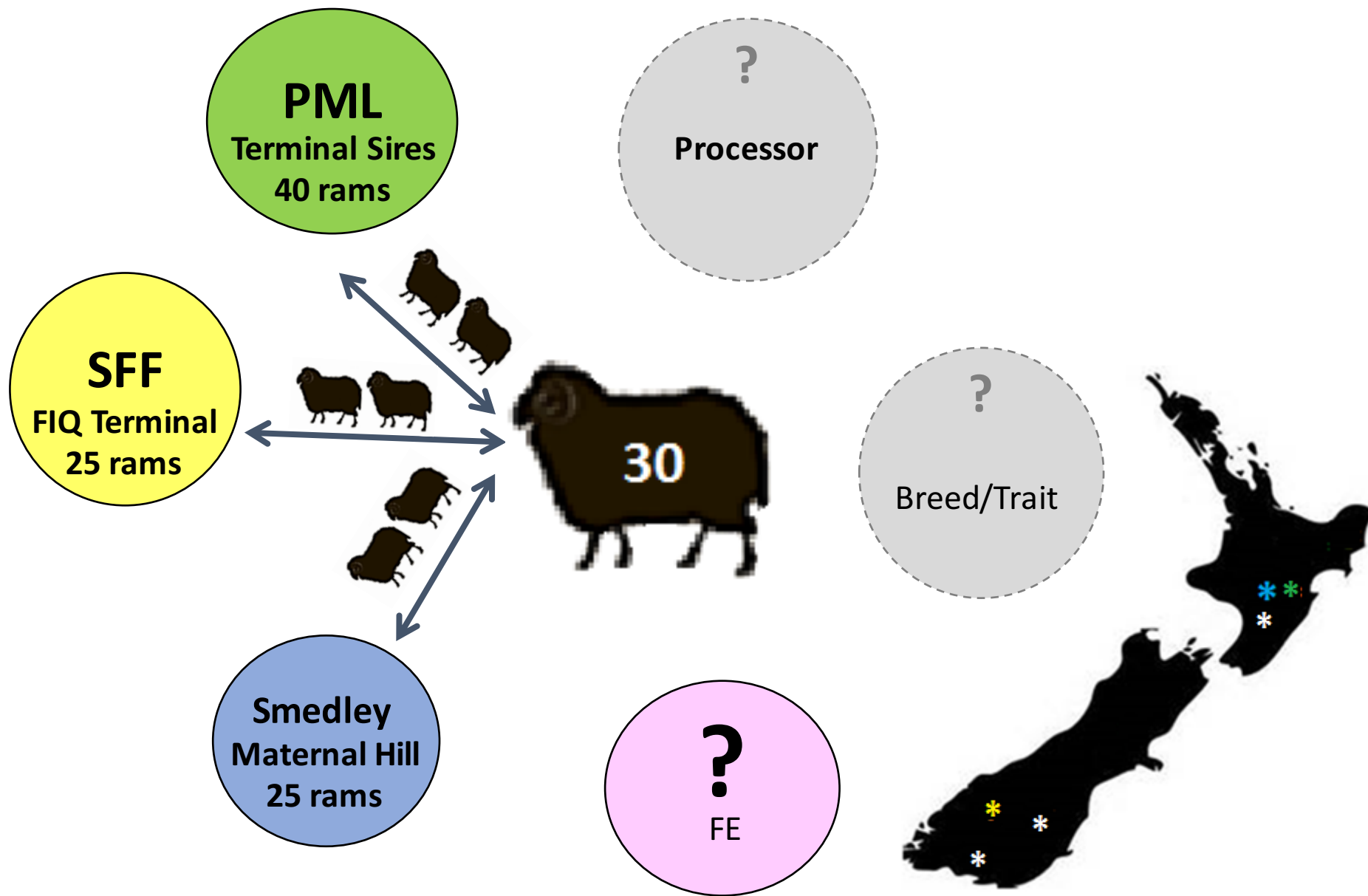
PML
Terminal Sires
40 rams



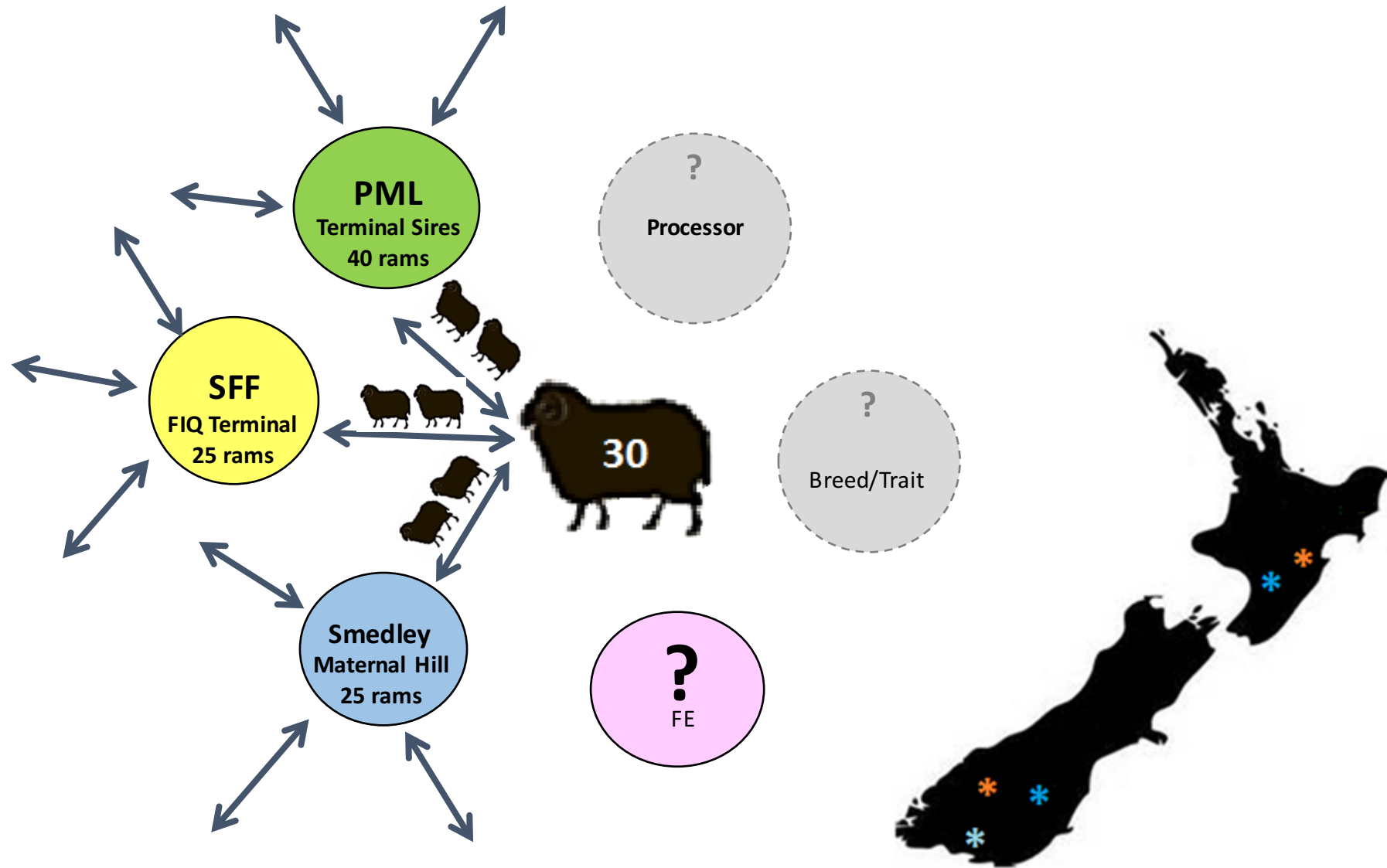








Central Progeny Test Future



Connectedness vs young sires

- Ram hoggets not suited for AI
- Longer mating period
- Health protocol prevents use in same year
- Review results at weaning 2016
 - Progeny per sire
 - Spread of progeny age
 - Occurrence of health issues/assess risk
 - Research AI with hoggets or use of 2-tooths with AI

Health Protocol

Location	Activity	Date	Additional task
Home farm	Vacinate 10in1	Fri 18/3/16	
Home farm	B.Ovis certification + bleed	ASAP	prior to sending
Home farm	Quarantine drench	as transfer	Use combination drench as loaded on truck
NG CPT site	Rams arrive	Thu 14/4/16	
NG CPT site	Tag ewes		
NG CPT site	CIDR insert 100 ewes	Thu 14/4/16	note this is a day earlier than previously advised
NG CPT site	10in1 booster	Fri 15/4/16	Blood test Ovis (store)
NG CPT site	Blood test for Ovis (store)	Fri 15/4/16	sample not tested unless positive test appears later
NG CPT site	Mate start	Tue 19/4/16	
NG CPT site	CIDR removed (8am) 100 ewes	Sun 24/4/16	timing of CIDR removal is critical for success
NG CPT site	AI mate (12pm)	Tue 26/4/16	target 52 hours after CIDR removal
NG CPT site	Mate end	Sat 14/5/16	quarantine rams 30 days
NG CPT site	Quarantine end	Mon 13/6/16	Blood sample Ovis
NG CPT site	Clear B.Ovis	Fri 17/6/16	send cleared rams to home farms
Home farm	Quarantine end	Tue 16/8/16	Quarantine on home farms 60 days + test Bovis
Home farm	Clear B.Ovis	Sat 20/8/16	

Health Protocol

Location	Activity	Date	Additional task
Home farm	Vacinate 10in1	Fri 18/3/16	

Rams arrive

Thu 14/4/16

NG CPT site	Tag ewes		
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Clear B.Ovis

Fri 17/6/16

Home farm	Clear B.Ovis	Sat 20/8/16	
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What are we measuring?

- Standard SIL traits
- Report through SIL
(data to inform and benchmark for eBVs and Indexes)
- Resource for research by negotiation
- Report participation in CPT?

What are we measuring?

Terminal Sire NG sites

Sire only parentage

Litter size as lambing groups

FAGE by shedding off

Progeny

WWT, PRESLWT,

Carcass traits – meat module

What are we measuring?

Dual Purpose NG site

Sire & Dam parentage

Dams

LW & BCS MATE

PREGSC & FAGE

Progeny

WWT, PRESLWT,

Carcass traits - viascan

LW6, EMA, FEC, FE



Maternal Hill Next Generation CPT site

Smedley Station was introduced as a Central Progeny Test (CPT) site in 2016. As partners in establishing this Next Generation (NG) CPT site, the Perendale Society are the first to submit rams to be assessed.

The property is located 40km west of Waipukurau, Central Hawkes Bay and also operates a cadet training farm taking on 11 cadets every year for a 2-year training program.

The progeny test at Smedley Station has a maternal focus and involves natural mating up to 25 young rams with 1000 ewes. It also includes two link sires to the HUB CPT with AI.

Contributors: Smedley Station, Neville Jopson (AbacusBio), Perendale Society, Gallagher, Dr Annie O'Connell (B+LNZ Genetics)



CENTRAL
PROGENY
TEST

Tagging ewes in April



LW & BCS ewes in April











PREGSC & FAGE in June









THANK YOU



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2016

Best Practice

Panel Discussion