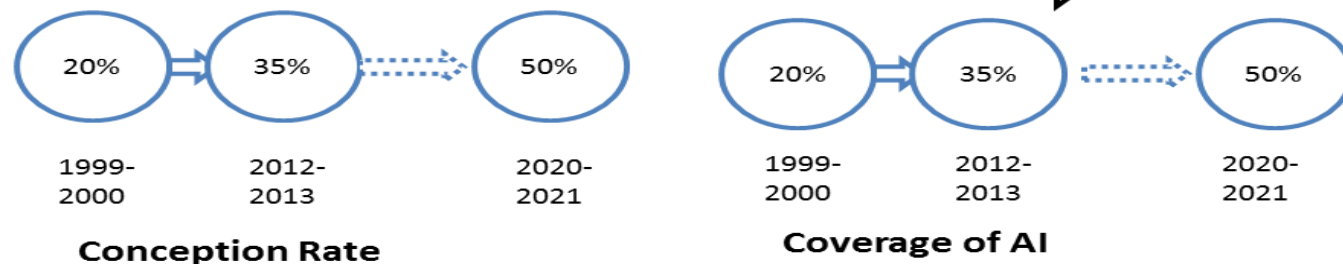
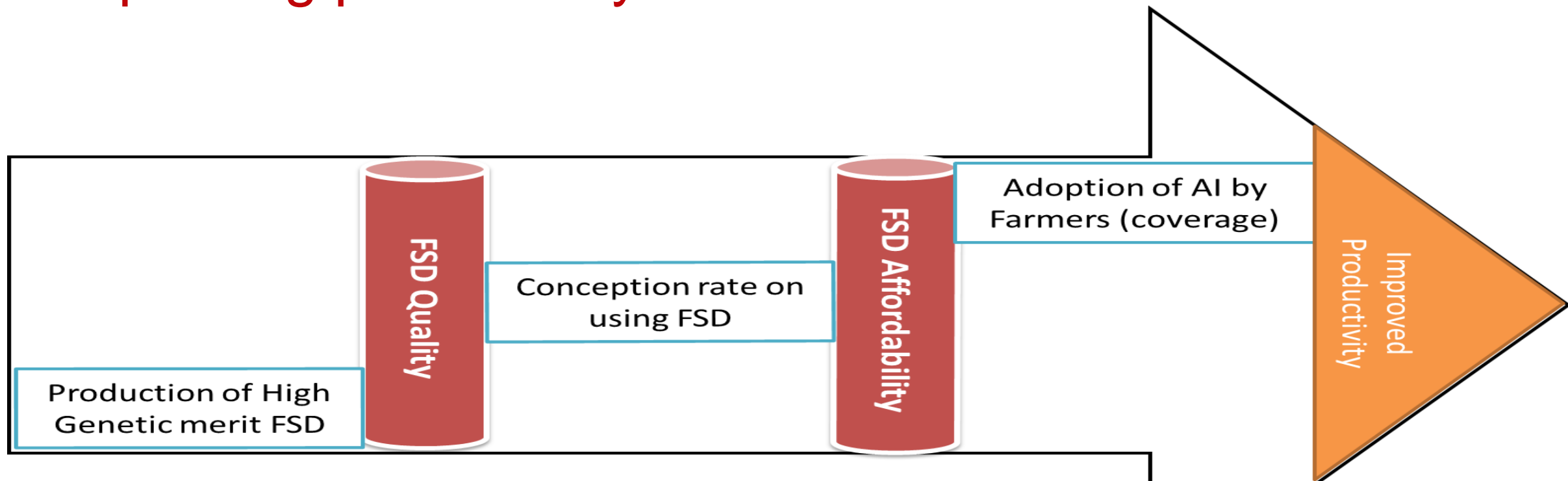


Production and Processing of Bovine Semen and Quality Control-

Current status and future challenges

Improving productivity



Bottlenecks in the current quality system

- Issues of repeatability with the current tests
- Sampling plan for product acceptance is not specific
- No estimates for Product variability

The way forward

- Focus on fertility
- Limit to few laboratory tests with greater correlation to fertility
- Maximize the use of high fertility genetics

Managing costs

- Capacity utilization of equipment
- Standardize the processing equipment to suit our breed mix
- Define the Process capability index
- Sensitizing the technical staff
- Informed decision making using customized information system
- Strengthening Bio Security

Need of the hour- a synergy in approach

- Collaborate with research institutes
- Support from policy makers

To Recapitulate

- Need to revalidate the existing protocols for semen production
- Focus on adding value to the product without increasing costs
- Establish linkages with research institutes and policy makers

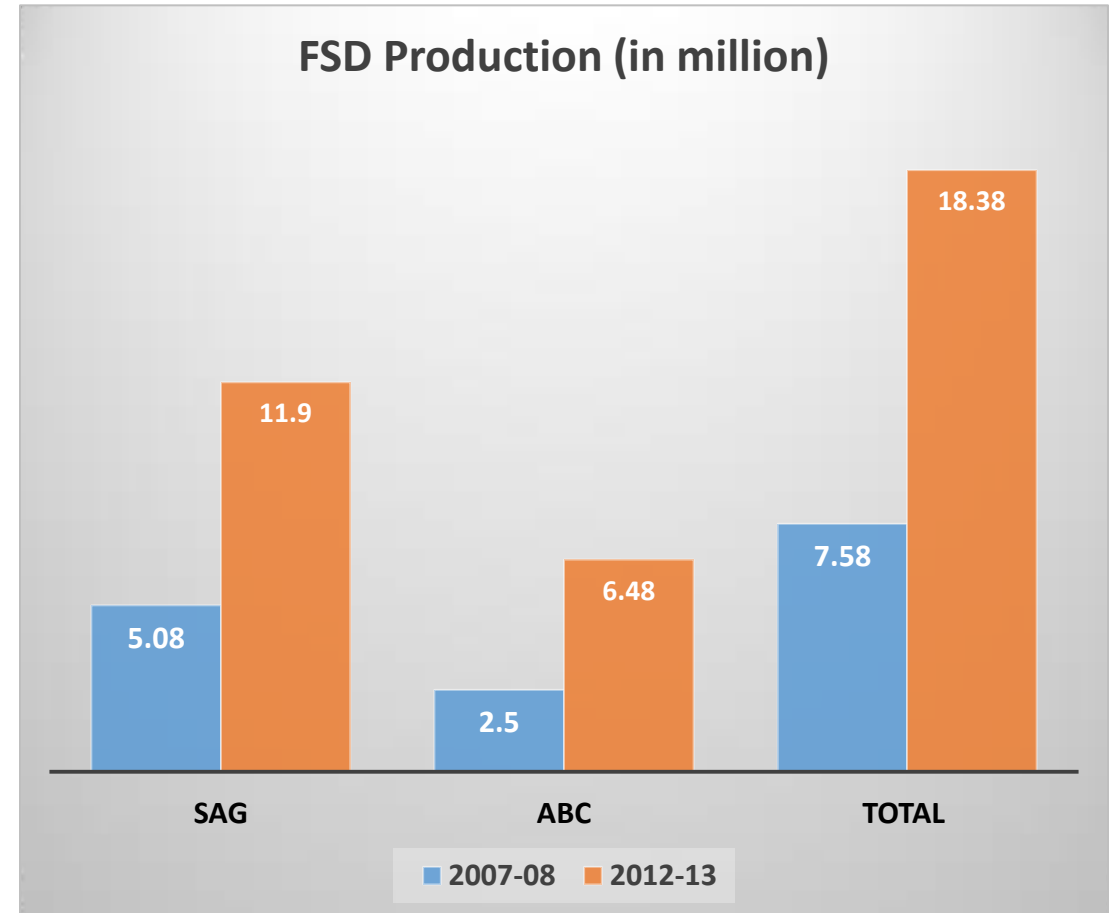
Thank You

Metamorphosis over the years

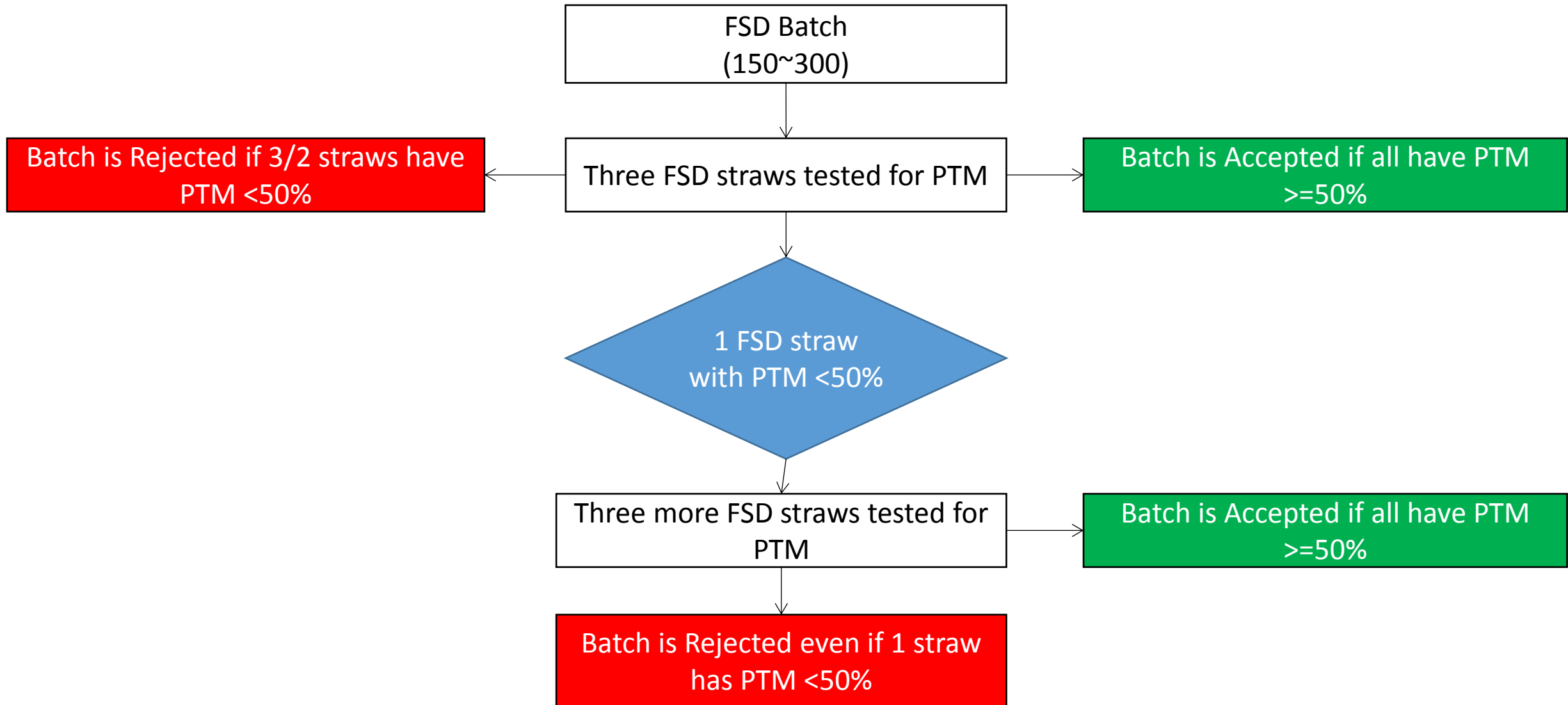
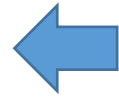


Capacity utilization at SAGB and ABC

FSD Production (in million)			
Year	SAG	ABC	Total
2007-08	5.08	2.5	7.58
2012-13	11.9	6.48	18.38



Acceptance Sampling Plan for FSD

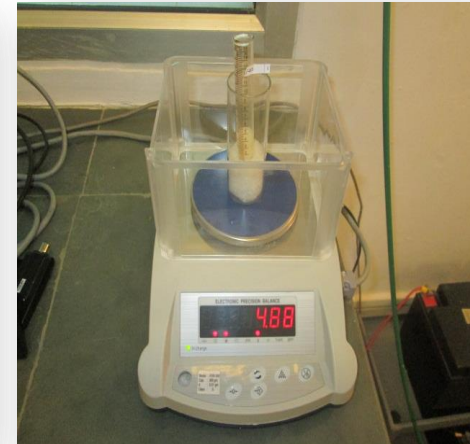


Customized Information system



Bull Wise Production Details

Bull	CB-379 (I)	Collector	CO-RPT
Vol.	5.0	Conc.	934
Mot.	70	Remarks	
Exp.	234	Prod.	227
352-2012 PC1 PC4 D PC2 PC2 D Tot Dos			



Dilutor **48.19 @ Rate 11**

TEV [REDACTED]

Expected Dose **231**

Semen Weight	
Mass Motility	0
Volume	5
Concentration	925
Initial Motility	70

Discard Pass

Introductory Test

Remark



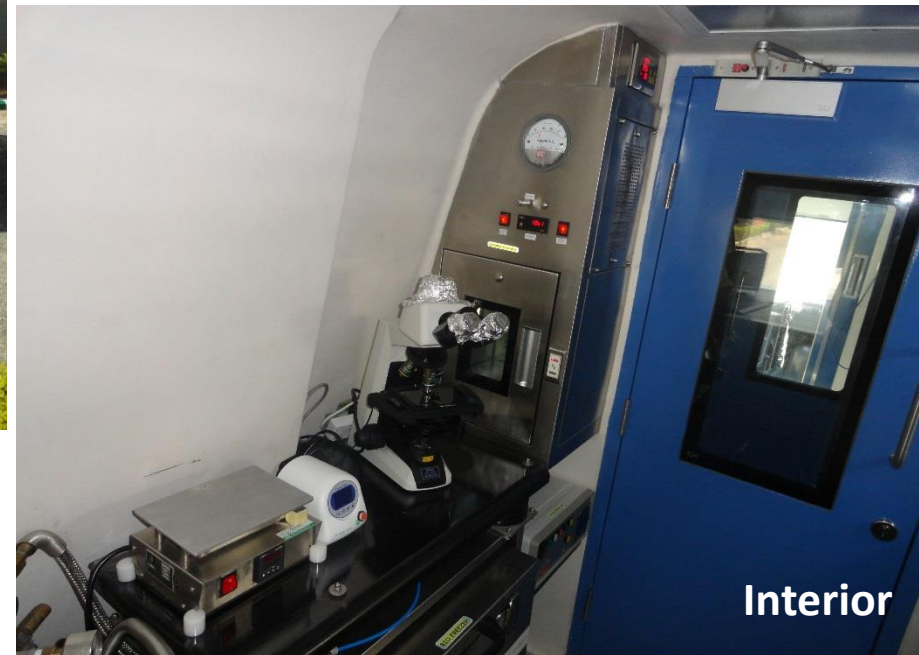
Mobile Van – Bovine Genetics on wheels



Exterior



Interior



Interior

