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Universal Sampler and Combo Meter

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Five Decades of Change

A long long time ago...

- Really Large herds had 200 cows
- Milking took 5-6 hours
- 100-pound cows were special
- Few ways to weigh and sample
- Robots were only in movies or books, and on TV.



Today

- Really Large herds have 5000 cows
- Milking takes 7.5 + hours
- 100-pound cows are normal
- Many ways to weigh and sample
- Robots and automation play a key role on most large farms

Common Interests Align

- International working group (IG) formed 'to test'
- Pooled resources to solve a common problem.
- Denmark, Germany, Netherlands, Ireland Australia, USA
- Goals: Accuracy, efficiency, universal

Inventive Description

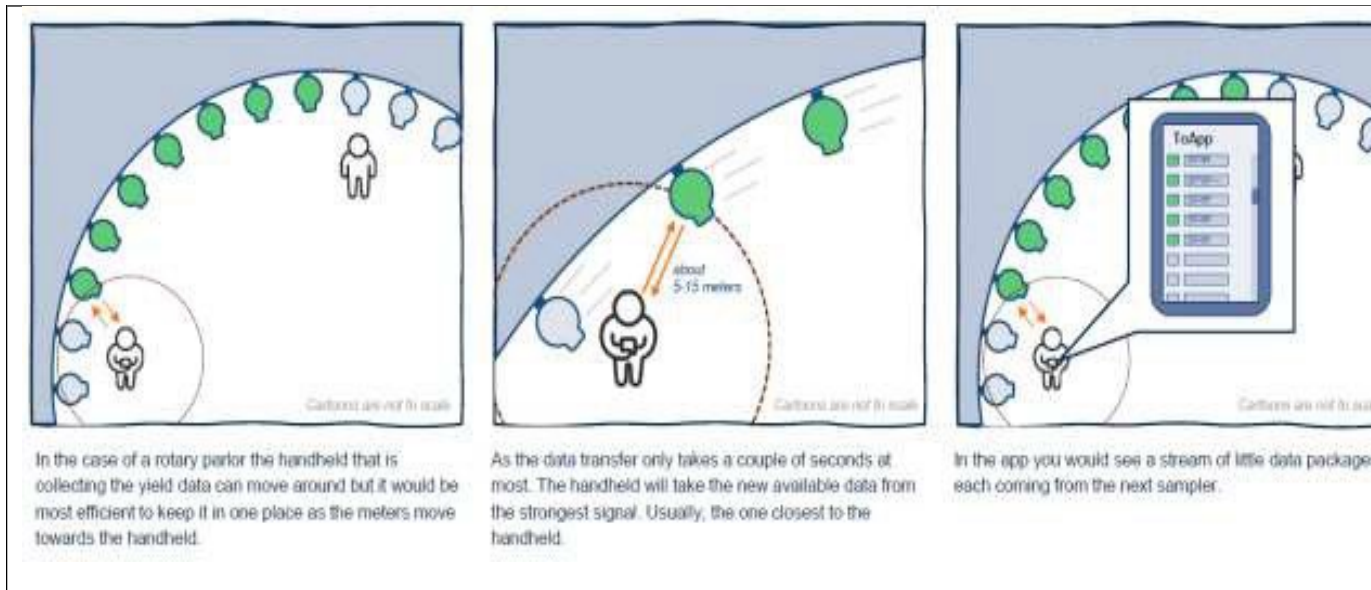
**Vacuum-driven sampling +
two-stage sampling +
mixing**

to gain a representative milk sample per individual animal milk harvest session with no milk discarded from sampling

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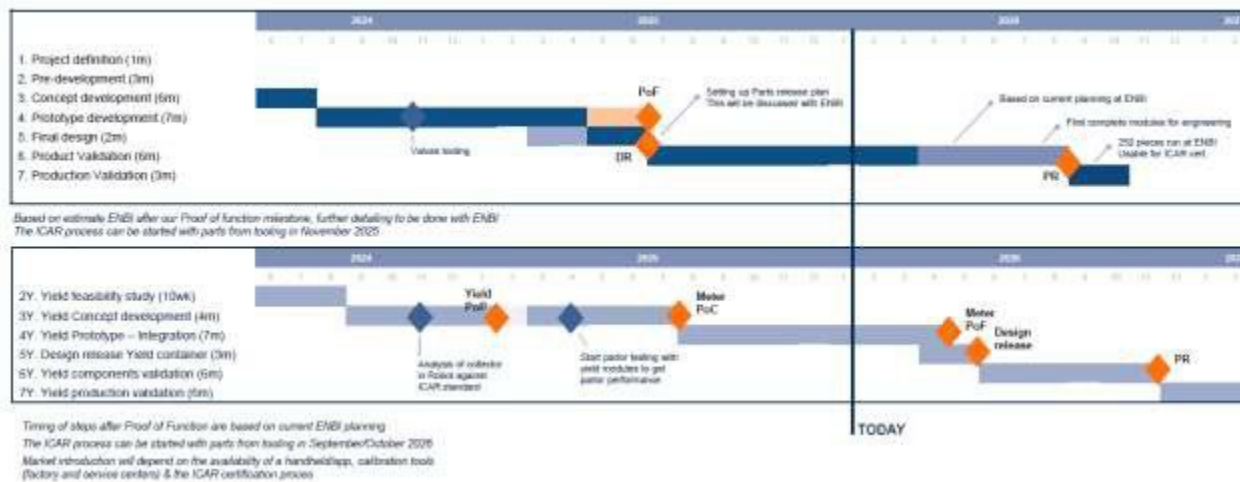
iCOW Combo

En prøveudtager (Sampler) med en påmonteret kande som kan måle mælkemælkemængde og overføre data til et håndholdt device (telefon eller pda)

Combo'en kan være flytbar men også være stationært på gården



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Thank you for your time and participation