

2024 CDCB ANNUAL REPORT

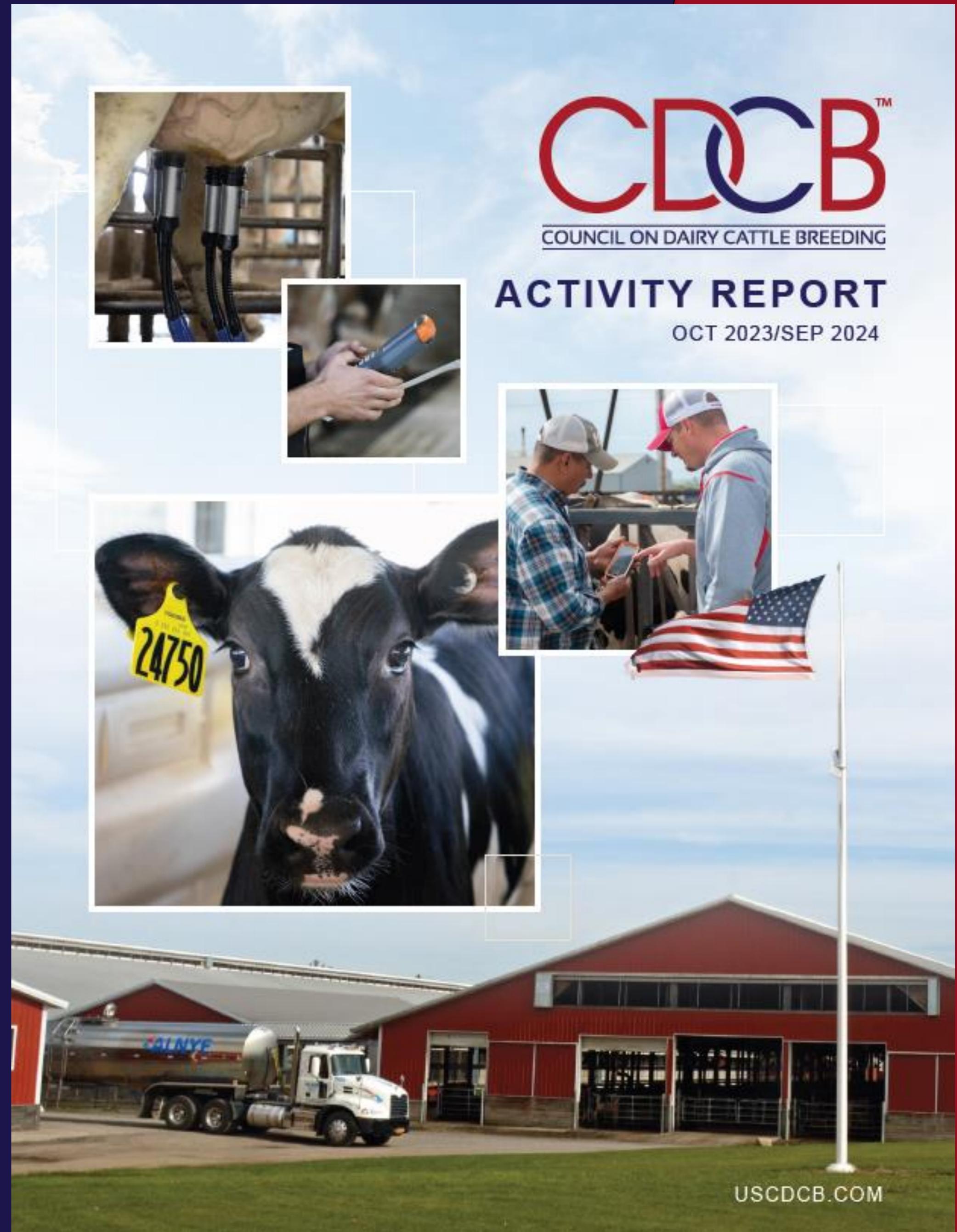
João Dürr, CEO

CDCB Industry Meeting

Madison, WI – October 2, 2024



CDCB Activity Report Oct 2023 – Sep 2024



ACTIVITY REPORT

OCT 2023/SEP 2024



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CDCB Board of Directors



Robert Fourdraine



Steven Smith

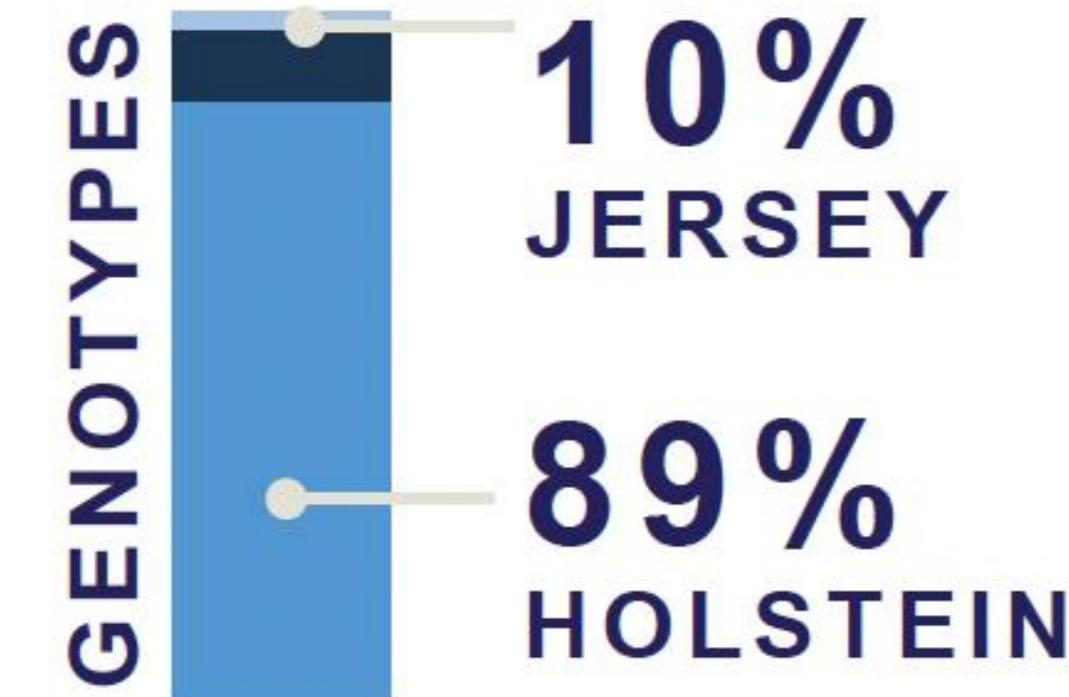
CDCB IN NUMBERS

GENOTYPES IN NATIONAL COOPERATOR DATABASE MANAGED BY CDCB



9.4 MILLION

genotypes in world's largest animal database. *(September 2024)*



72 COUNTRIES
with animal genotypes in database



7%

of genotyped animals are male

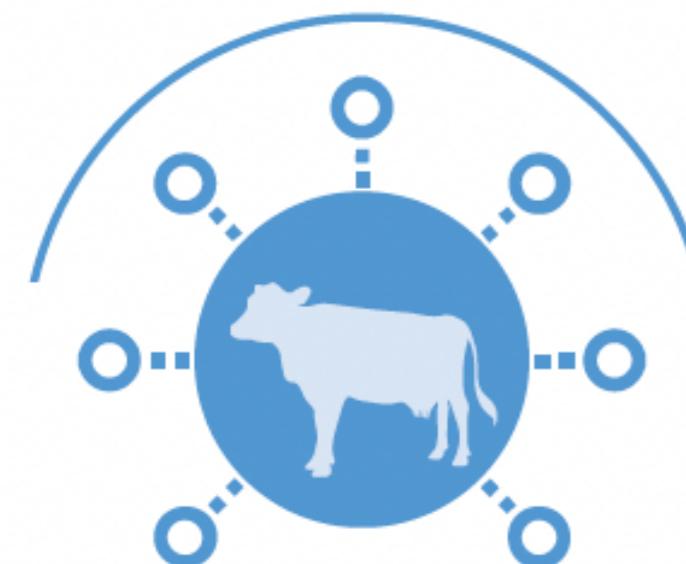


93%

of genotyped animals are female



IN 2023, CDCB DATABASE INTEGRATED >3.2M LACTATION RECORDS AND >1.4M GENOTYPES FROM DAIRY ANIMALS



49 TRAITS
calculated by CDCB

86M
animals received CDCB evaluations (Aug 2024)



431K

Male



7.8M

Female

Animals received a genomic evaluation (Aug 2024)

4 selection indexes

5 production traits

20 health, fertility & calving traits

22 conformation traits & composites

2 feed efficiency traits

STRATEGY



ADAPT TO CHANGES

Speed up turnaround
Prioritization process
Improve business process

DEVELOP TALENTS

Nurture next-gen scientists & leaders
Talent retention
Succession planning

DIVERSIFY PORTFOLIO

Monetization strategy
Diversify market presence
Customization

FOSTER INNOVATION

Artificial intelligence
Diversify research
Data analytics
Risk management

IMPROVE COMMUNICATION

Stakeholders' education
Advocacy & public engagement
Unified message

SECURE DATA STREAMS

Increase value added
Data quality
Embrace new data streams
Emerging traits
Data security

STRENGTHEN BRANDING

Marketing
IP protection
Branding & awareness

STRENGTHEN PARTNERSHIPS

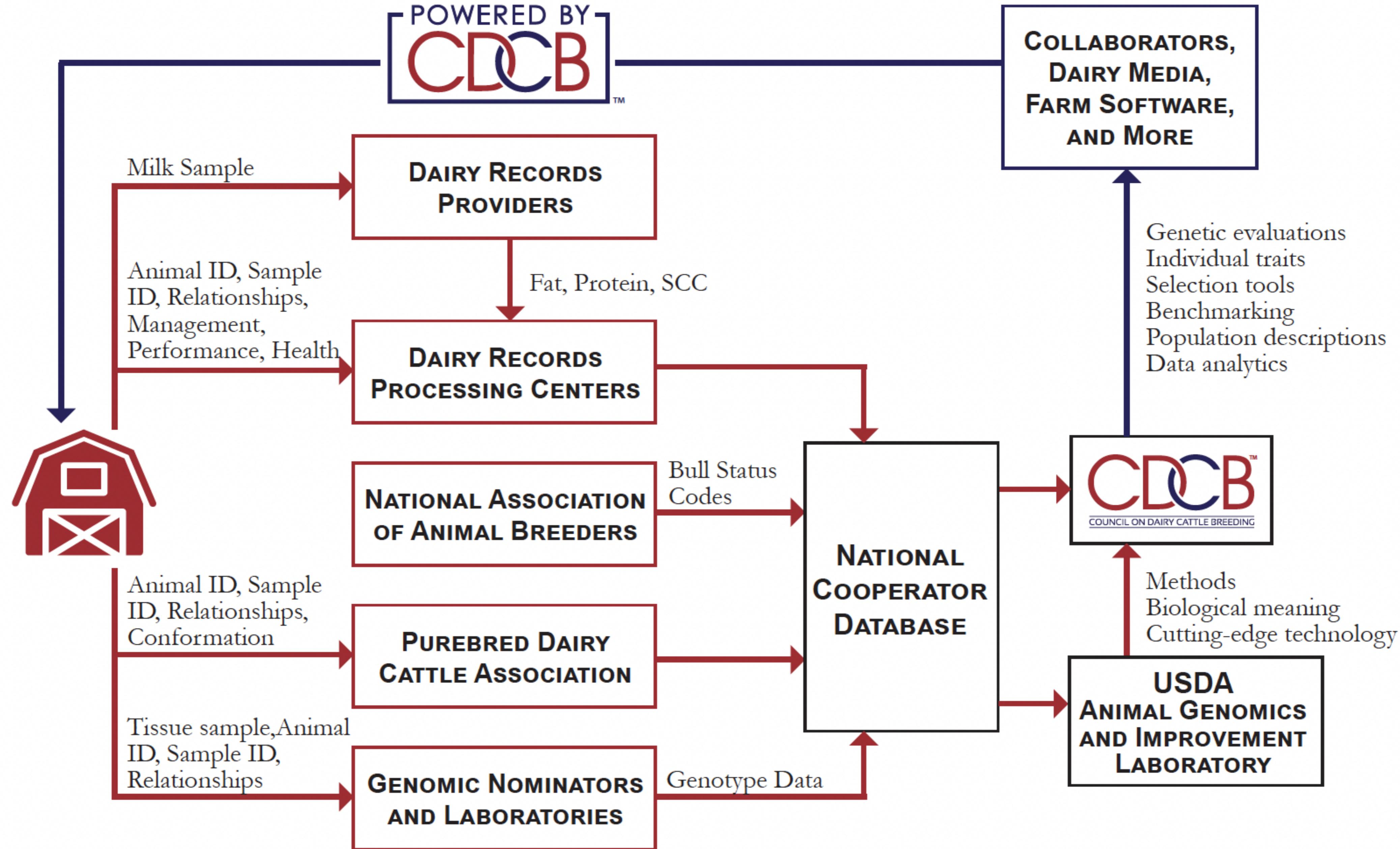
Stakeholder engagement
Cross-sector collaboration
R & D network
Strategic partnership

DATA

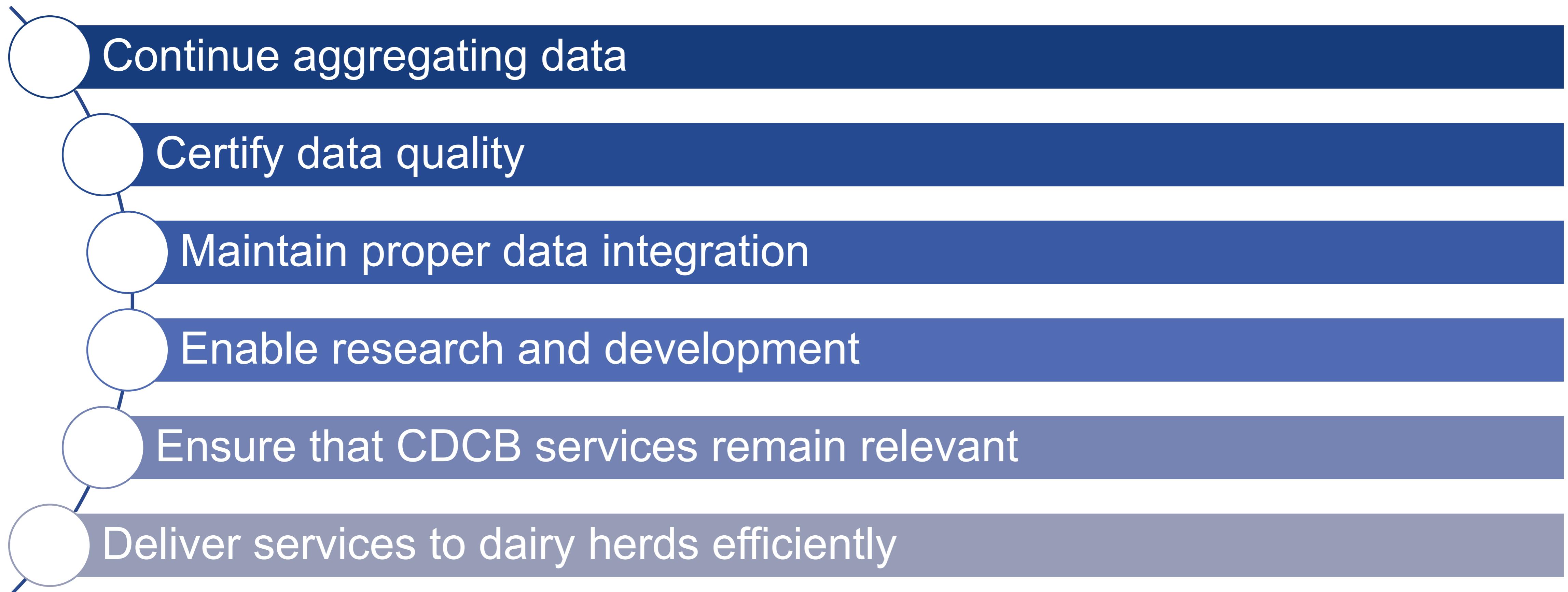
National Cooperator Database Purpose

Sustain **state-of-the-art research** and develop **data-driven processes** that **empower dairy producers** to effectively and **sustainably manage** their businesses by providing valuable **insights and tools** for informed decision-making.





National Cooperator Database



TALENTS

CDCB Team



Lillian Bacheller
Senior Applications Developer



Javier Burchard, Ph.D.
Chief Innovation Officer



José Carrillo, Ph.D.
Chief Data Officer



Malia Caputo, Ph.D.
Associate Research Scientist



John B. Cole, Ph.D.
Chief Research and Development Officer



Rob Cooper
Business Manager



Chip Donatone
Dairy Data Architect



João Dürr, Ph.D.
Chief Executive Officer



Cindy Ferrier
Office Manager



Heather Adams Enzenauer, Ph.D.
Applied Geneticist



Kristen Parker Gaddis, Ph.D.
Geneticist



Courtney Hoff, M.S.
Data Support Specialist



Gerald Jansen, Ph.D.
Technical Advisor



Andres Legarra, Ph.D.
Senior Geneticist



Ashley Ling, Ph.D.
Support Scientist



Jhamal McKee
Junior Systems Administrator



Taylor Marie McWhorter, Ph.D.
Geneticist



Jay Megonigal
IT Manager



Rodrigo Mota, Ph.D.
Applied Geneticist



Ezequiel Nicolazzi, Ph.D.
Chief Operation Officer



H. Duane Norman, Ph.D.
Technical Advisor



George Onoh, M.S.
Data Specialist



Frank Ross
System Administrator



Katie Schmitt
Outreach Specialist



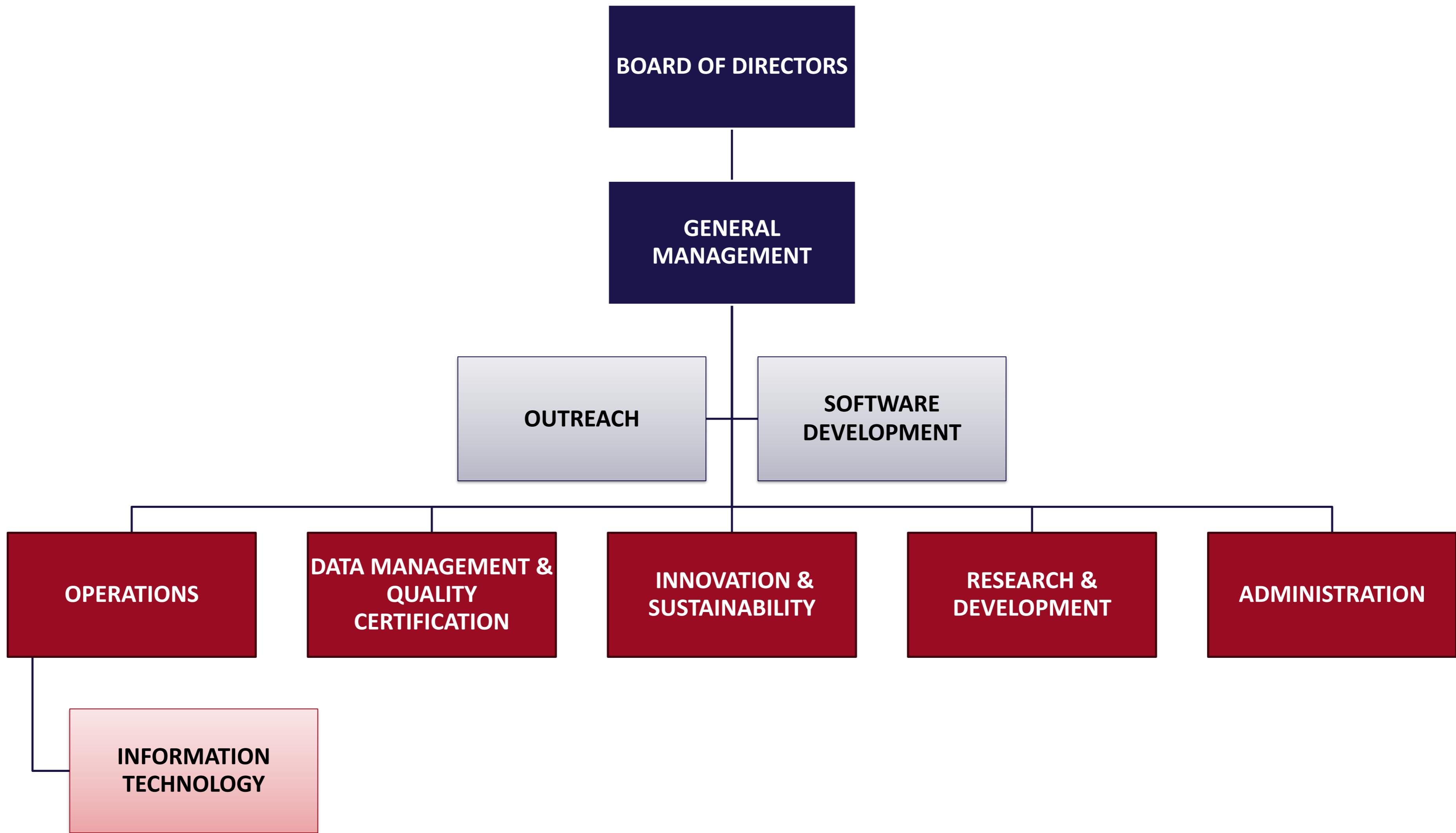
Kaori Tokuhisa, MSC



George Wiggans, Ph.D.



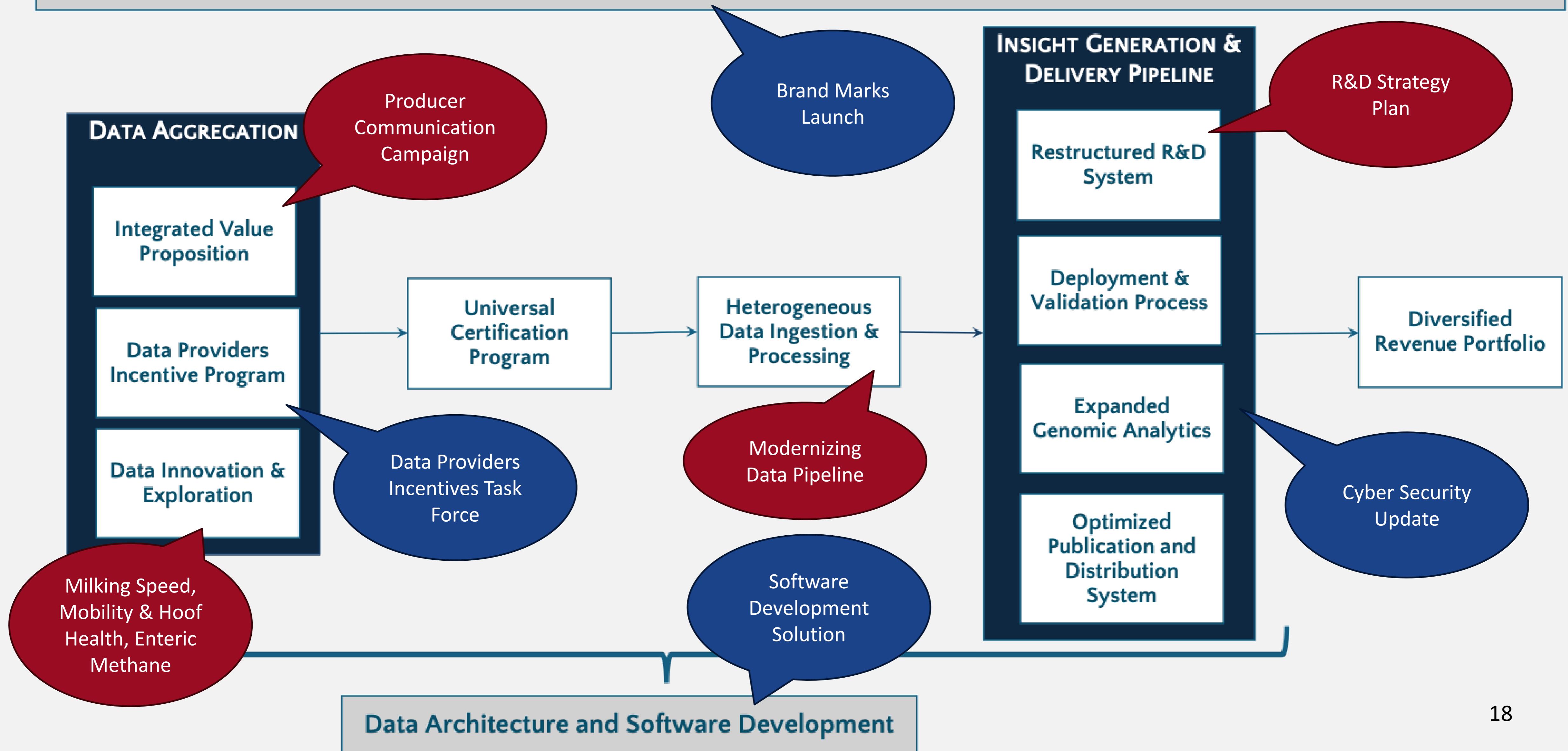
Xiao-Lin (Nick) Wu, Ph.D.



PROCESSES

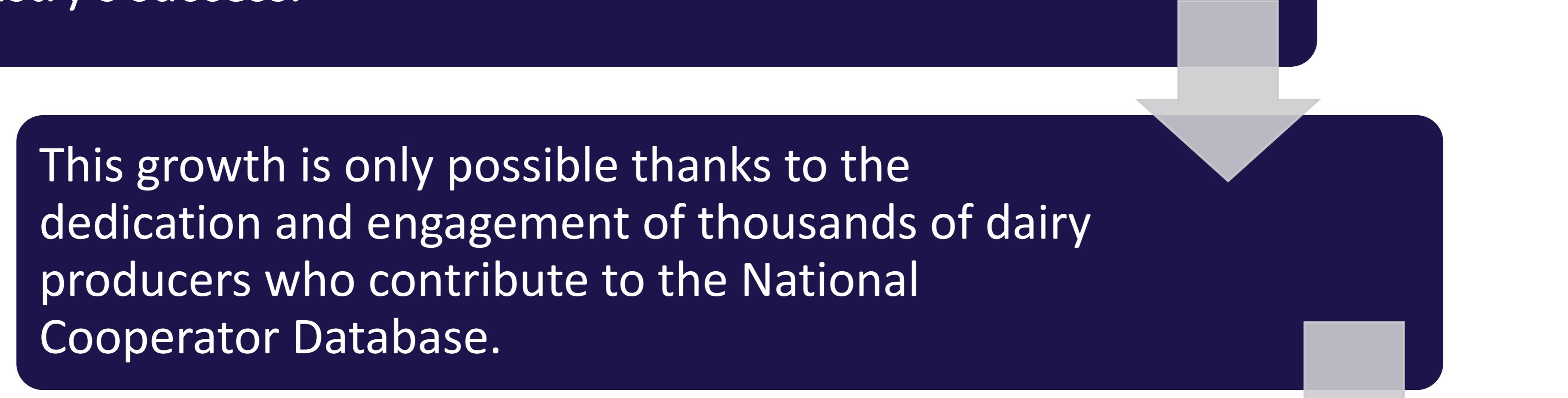
CDCB GOVERNANCE

Outreach and Communication



TAKEAWAY

The CDCB system continues to expand in both scale and value, playing a pivotal role in the dairy industry's success.



This growth is only possible thanks to the dedication and engagement of thousands of dairy producers who contribute to the National Cooperator Database.



To maintain the relevance of the services provided and meet the ever-evolving demands of the industry, the system must be continually modernized, and its processes reimaged.

Fortunately, the foresight of the visionaries who founded CDCB established a sustainable business model, ensuring the necessary investments to keep the system robust.



This enables the dairy industry to benefit from a pre-competitive support system, empowering producers with cutting-edge technological solutions.

Together, we are not just preparing for the future—we are shaping it.



“The best way to
predict the future is to
invent it.”
Alan Kay



Thank you!