



EXECUTIVE SUMMARY 2022

HIGHLIGHTS
from July 1, 2021 - June 30, 2022



OUR STORY

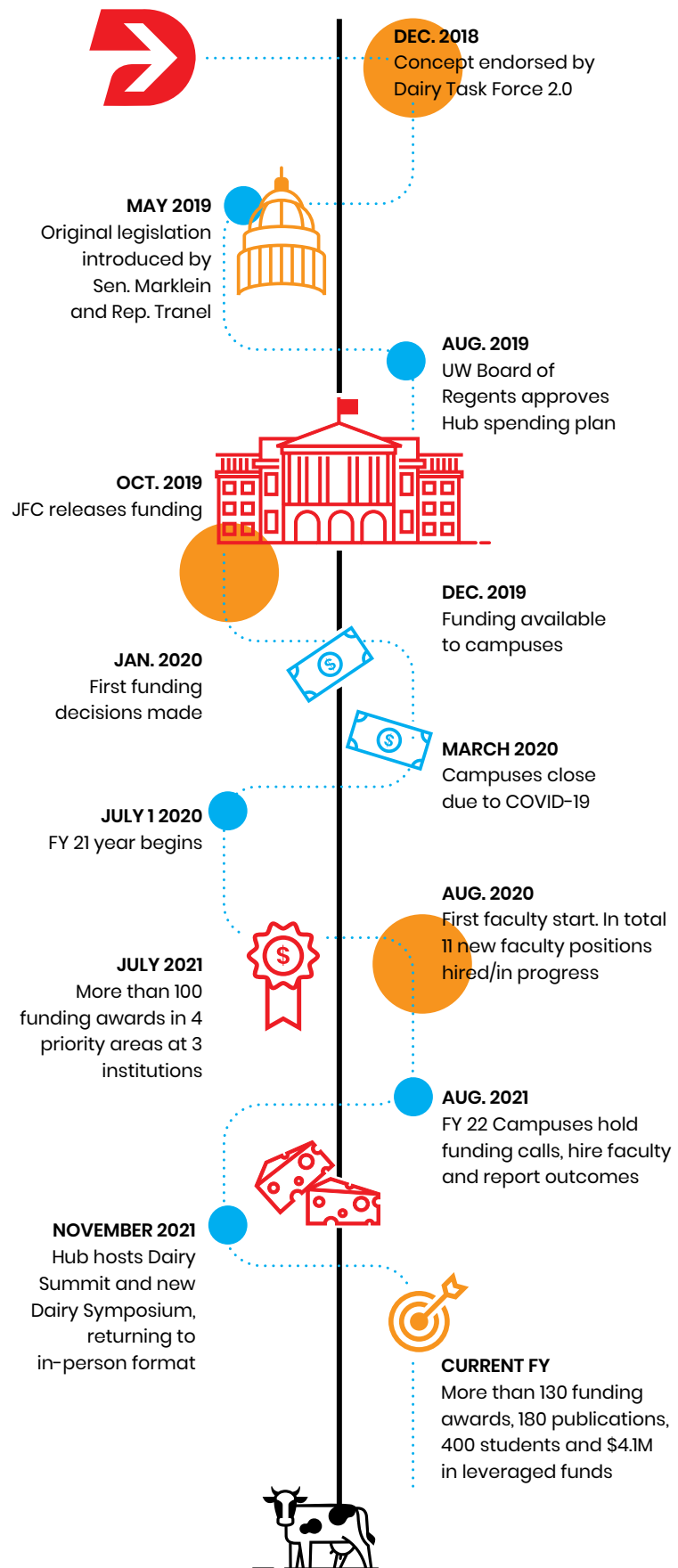
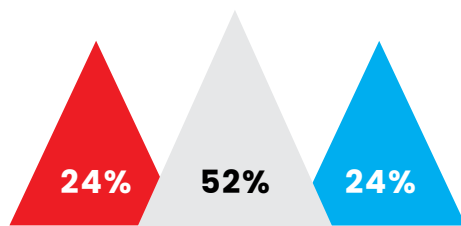
The Dairy Innovation Hub concept was first imagined during an informal meeting at Mitch Breunig's Mystic Valley Dairy in Sauk City. After the initial concept was developed, dairy groups and passionate dairy leaders partnered with UW System to bring this idea to reality.

The concept was brought to the State's special Dairy Taskforce 2.0 in December of 2018 and was followed by introduction of legislation by Senator Howard Marklein and Representative Travis Tranel in May 2019. The following months included approval of a spending plan set to guide the Hub's efforts and funding became available to campuses in late 2019.

In three years, the Hub created mechanisms to manage the investment, funded more than 130 proposals and managed 15 faculty searches. The first Hub-funded faculty started in FY 21. In FY 22, eight faculty began their new roles, and the remaining five start in FY 23. The accomplishments listed herein are the result of data collected from funding recipients to track progress and accountability.

THE DAIRY INNOVATION HUB, represents a \$7.8 million per year investment by the State of Wisconsin that harnesses research and development at UW-Madison, UW-Platteville and UW-River Falls campuses to keep Wisconsin's \$45.6 billion dairy community at the global forefront in producing nutritious dairy foods in an economically, environmentally and socially sustainable manner.

STATE INVESTMENT
\$7.8M
PER YEAR



ACCOMPLISHMENTS TO DATE

More than **130+** **PROJECTS FUNDED** across 3 campuses and 4 priority areas

15 **FACULTY SEARCHES** attracting top talent to Wisconsin

\$4.1 **MILLION IN LEVERAGED GRANT FUNDS**

183 **JOURNAL PUBLICATIONS** published or in progress

291 **PRESENTATIONS** to live audiences

421 **STUDENTS** engaged in Hub research & infrastructure

HUB DOLLARS IMPACT WISCONSIN DAIRY THROUGH:

BUILDING research capacity

Engaging in **OUTREACH & INSTRUCTION**

Innovative **RESEARCH**

RECRUITING top talent

THE HUB HAS FOUR KEY PRIORITY AREAS:

Stewarding land and water resources

Reduce water use; improve soil health; improve air quality & limit use of land resources; develop alternative uses and markets for manure; and minimize nutrient losses to lakes and rivers.

Enriching human health and nutrition

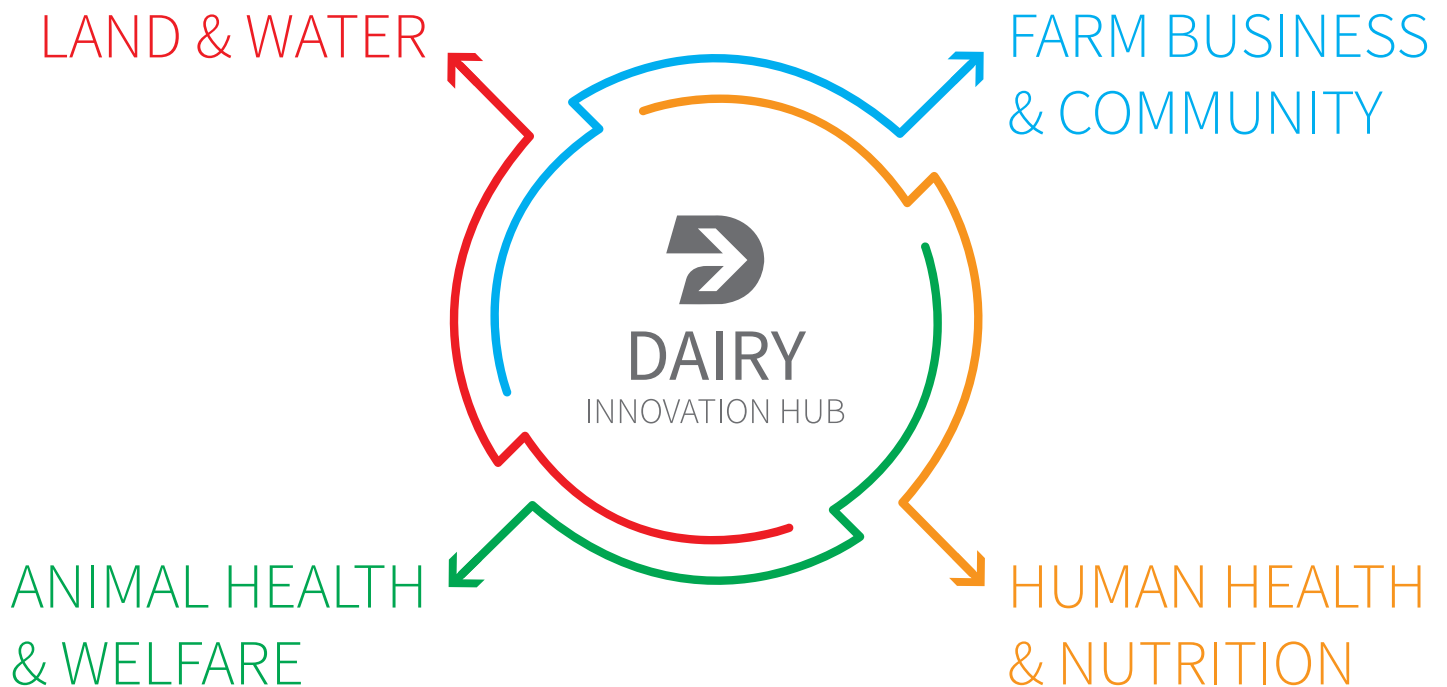
Limit risk of food-borne illnesses; reduce obesity & preventable health problems; create lactose-intolerant & allergy-free alternatives; improve the nutritional value of milk & meat; minimize pathogen risks in soil & water; and design packaging for convenience & shelf life

Ensuring animal health and welfare

Find effective alternatives to antibiotics; monitor animal health with sensor technologies; improve reproductive rates & replacement policies; reduce animal stress & enhance consumer trust; minimize risk of disease from animal contact; and deploy genomic selection for healthy animals.

Growing farm businesses and communities

Establish agricultural technology start-ups; use big data to optimize dairy farms; market specialty milk & meat products; develop skilled & tech-savvy rural workforce; improve financial literacy & return on assets; and understand supply chains, global markets and areas of opportunity.



FOR MORE INFORMATION:

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