INNOVATION IN CALIFORNIA DAIRY THE CALIFORNIA DAIRY INNOVATION CENTER CCOA Meeting, June 27, 2023

Veronique Lagrange, CMAB

Enter the GOLDEN STATE WITH REAL CALIFORNIA DAIRY

CALIFORNIA DAIRY INNOVATION CENTER

- An overview of the California Dairy Innovation Center
- Innovation and training services for processors and creameries



WHAT IS THE CALIFORNIA DAIRY INNOVATION CENTER?



OPERATING ACROSS MULTIPLE LOCATIONS TO MEET YOUR NEEDS



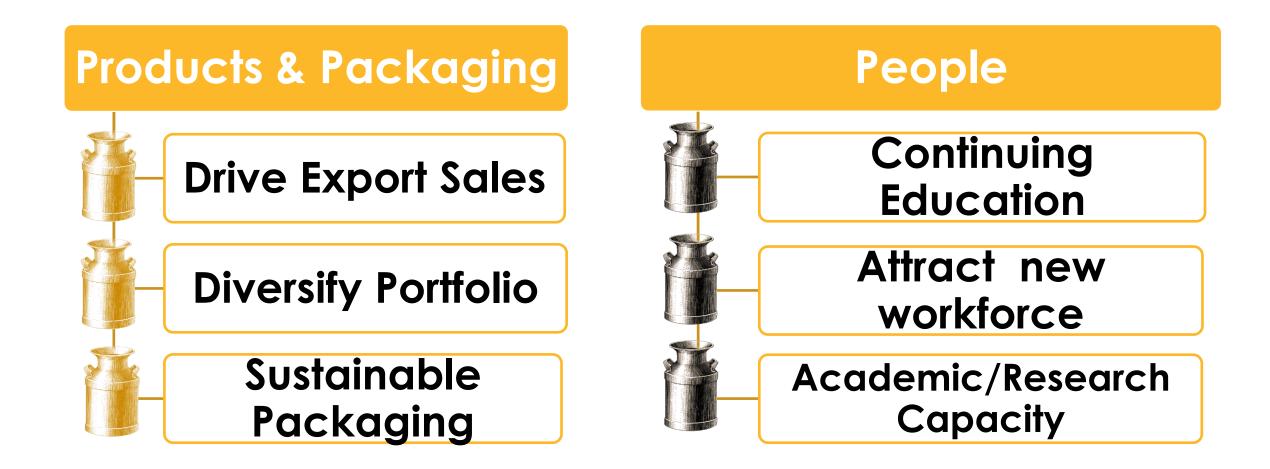


Partnership for on-line **Dairy Processing Certificate**

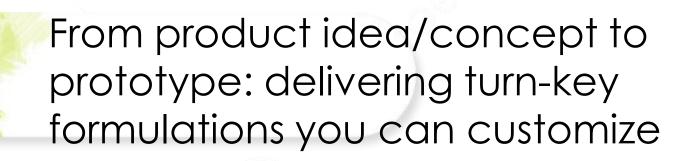
HOW WE SUPPORT CALIFORNIA PROCESSORS



CORE STRATEGIES TO SUPPORT INNOVATION



SERVICES FOR PROCESSORS



Testing new ingredients or processes



Providing technical know-how to shorten your product development cycle

TURN-KEY FORMULATIONS - EXAMPLES

"High protein, no sugar added, lactose free ice creams

servings per container

Serving size

Amount per serving

Saturated Fat 2.5g

Total Carbohydrate 22g

Includes 0g Added Sugars

The % Daily Value tells you how much a nutrient in a

day is used for general nutrition advice

Dietary Fiber 0g

Total Sugars 7g

Calories

Trans Fat 0g

Sodium 95mg

Protein 10g

Vitamin D 0mcg

Calcium 283mg

Potassium 249mg

Iron 0mg

Cholesterol 20mg

Total Fat 4g

Hydration/ Liquid IV frozen bars **Nutrition Facts**

Asian tea drinks, bobba beverages







SERVICES FOR PROCESSORS

From product idea/concept to prototype: delivering turn-key formulations you can customize

Testing new ingredients or processes



Providing technical know-how to shorten your product development cycle

TESTING NEW INGREDIENTS, PROCESSES

Functionality of alternative sweeteners



Cultures for high protein drinking yogurts



Fiber ingredients for aseptic dairy beverages



SERVICES FOR PROCESSORS



Testing new ingredients or processes



Providing technical know-how to shorten your product development cycle

DEVELOPING KNOW-HOW FOR TECH SUPPORT & TRAINING (EXAMPLES)

BEVERAGES





CALIFORNIA PACKAGING CHALLENGE: REPLACING PLASTICS

PRIMARY RESEARCH

Compostable bioplastics from whey





MATERIALS TESTING

Compostable cups for yogurts and spreads

NEW DEVELOPMENT

Dairy-based edible cups

| CAL POLY |
|---------------------------|
| Packaging |
| ORFALEA COLLEGE OF BUSINE |





PACKAGE DESIGN & PILOT TESTING

Reusable, fit for purpose milk bottles & containers

INNOVATION IS ABOUT PEOPLE CDIC'S FOCUS ON DEVELOPING AND RETAINING TALENT FOR THE INDUSTRY



INTERNSHIP PROGRAMS

CDIC offers ~ 15 internships per year

We help processors attract and select interns with diverse backgrounds and expertise



TRAINING PROGRAMS FOR **YOUR PERSONNEL**

6 California-based short courses in 2023



Please contact CDIC for more info: vlagrange@cmab.net

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59

JOIN US AT FRESNO STATE, SEPTEMBER 7

- Consumer insights
- Opportunities for California processors
- New product, process and packaging research
- Industry panel
- Networking with students, academia

Full program at cdic.net

Registration available at www.dairypcc.net/events/





7:00 Adjourn

AND SAVE THE DATE FOR 2024 INNOVATION CONFERENCE

DAIRY PRODUCTS, PROCESSING & PACKAGING INNOVATION CONFERENCE New paths to sustainability

SHELL BEACH, CALIFORNIA. FEBRUARY 27-29, 2024











Questions? Thank you!

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See more at www.cdic.net