### 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



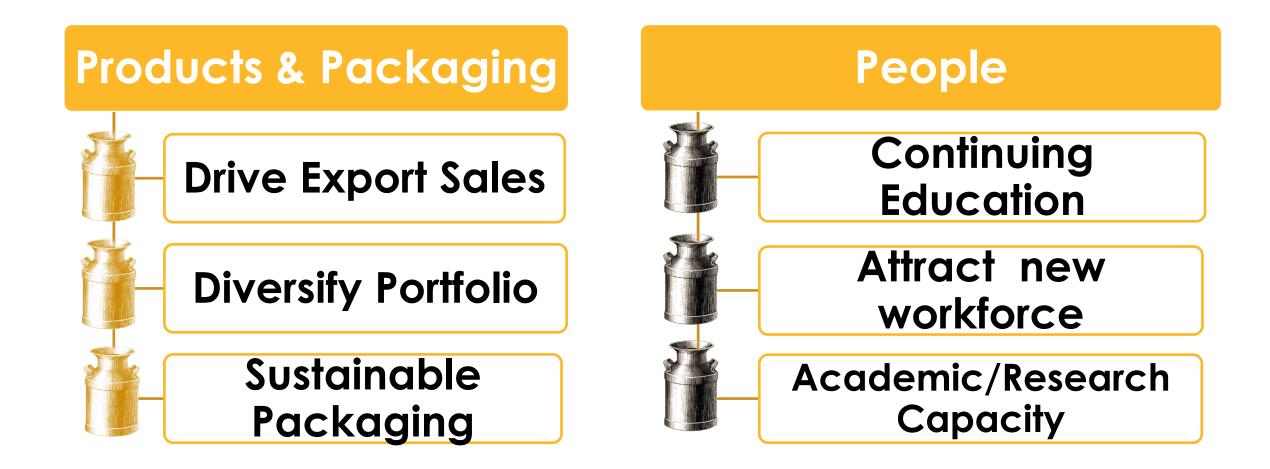


Partnership for on-line **Dairy Processing Certificate** 

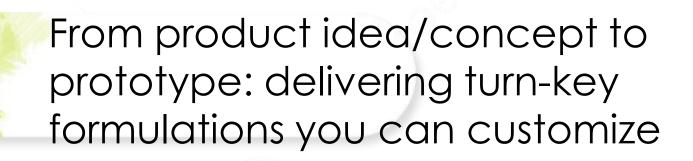
## HOW WE SUPPORT CALIFORNIA PROCESSORS



### 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  $\sim 15$ 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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## 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