



**Else Nutrition Holdings Inc.** TSX: **BABY** | OTCQX: **BABYF** | FSE: **OYL** 

## **BABY NUTRITION. REIMAGINED.**

May 2023

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and descriptions of such products; the completion of Licensing Agreements for the Dairy Product Substitutes and Whole Meal Snacks product categories, and the depictions and descriptions of such underlying products; and the planned expansion into North American and international markets.

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Factors, assumptions and risks that could cause our actual results to differ materially from those indicated in the forward-looking statements include, among others, consumer demand for Else's products, whether the Else current and future products achieve commercialization, including completing the scale up and, for certain products, regulatory approval, protecting the patents for the baby formula and further IP maintenance, receiving the necessary regulatory approvals to market and distribute the Else products, uncertainty regarding material changes in laws and regulations, including consumer protection and food regulations, retention of key personnel of Else involved in the production, testing and sale of the baby formula, the activities of competitors, and all related matters, including successful integration of the Golden Heart business, Else's ability to expand into global markets, general economic and political conditions and other more detailed risks. uncertainties and assumptions set out under the heading "Risk Factors" in Else's filing statement, which is available on www.sedar.com under the issuer profile of Else. Except as required by

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LEADING THE INFANT FORMULA PLANT-BASED, CLEAN NUTRITION REVOLUTION

> THE WORLD'S FIRST WHOLE PLANT-BASED DAIRY & SOY-FREE INFANT FORMULA



## **ELSE NUTRITION HOLDINGS INC.**

TSX: BABY | OTCQX: BABYF | FSE: 0YL

#### The world's first whole plant, soy and dairy free, infant formula



#### > North America Launch Q4 2020:

Strong NA distribution and manufacturing partners Global Expansion started 2022

- Expanding Market Share in the toddler and kid markets while soon entering the infant formula market through FDA approval. Else is creating the third alternative to dairy and soy-based formulas, targeting an untapped market.
- Strong Industry & Scientific Expertise:

On path to becoming the global scientific leader in the clean nutrition/plant-based infant formula market

- Sustainable Ingredients expected to have ~65% lower carbon footprint vs. global dairy brands
- Global Patent Portfolio includes 3 different patent families, based on 1) composition, 2) process, and 3) usage



## **THE CHALLENGE**

## All Infant Formulas must meet the Human-milk nutritional gold standard



Human Milk is a WHOLE FOOD and is digested in its WHOLE form by the baby



### CURRENT CORE INGREDIENTS IN INFANT FORMULA ARE ULTRA PROCESSED & PROBLEMATIC

DAIRY FORMULA	SOY PROTEIN	PLANT-BASED FORMULA (soy & dairy free)	
~95% Market Share	~5% Market Share (decreased ~30% to 5% over last ~20 years)	Increasing Market Share	
<b>Problems</b>	<u>Problems</u>	Preferred Solution	
<ul> <li>Strong allergen</li> <li>Antibiotics, Hormones, Pesticides</li> </ul>	<ul> <li>Strong allergen</li> <li>Controversial and declining</li> <li>High levels of phytoestrogens</li> </ul>	<ul> <li>Advancing toward hypoallergenic stamp through clinical study</li> <li>Core ingredients have ~65% lower</li> </ul>	
<ul> <li>Animal welfare</li> <li>Major environmental issues</li> </ul>	<ul> <li>(phytic hormones)</li> <li>GMO (99%)</li> <li>Chemically extracted Protein</li> </ul>	<ul> <li>carbon footprint</li> <li>Free of Antibiotics, Hormones, Pesticides, GMOs and heavy metals</li> </ul>	
<ul> <li>Can not stay in its whole form – must use highly processed derivatives</li> </ul>	<ul> <li>Can not stay in its whole form Protein must be chemically isolated/processed.</li> </ul>	<ul> <li>ZERO chemical processing, based on whole food ingredients</li> </ul>	



## **GROWTH CATALYSTS**

### **GLOBAL INFANT FORMULA MARKET**

**2020** US\$79.3 Billion

### **By 2026** US\$132.4 Billion Global CAGR: 8.9%

#### **GROWTH SUPPORTED BY**

CONSUMERS LOOKING FOR CLEANER, MORE SUSTAINABLE ALTERNATIVES

IN 2020, 40% OF INFANT MILK FORMULA SOLD IN THE U.S. WAS SPECIALTY COW'S MILK FORMULA, CATERING TO ALLERGIES / INTOLERANCES

Sources: Mordor Intelligence; Else annual information form; US market data Euromonitor 2020

### **GLOBAL PLANT-BASED FOOD MARKET**

For plant-based dairy, meat and other plant-based products

**2020** US\$29.4 Billion **By 2030** US\$161.9 Billion Global CAGR: ~18%

**GROWTH SUPPORTED BY** ADOPTION OF ALTERNATIVE FOOD OPTIONS BY RESTAURANT CHAINS, PLANT-BASED MARKET LEADERS, AND HEALTH AND SUSTAINABILITY BENEFITS



ELSE IS CREATING A SUSTAINABLE PLANT-BASED ALTERNATIVE INFANT FORMULA – AN UNTAPPED MARKET

## **SUSTAINABILITY**

### **ELSE CORE INGREDIENTS VS. STANDARD DAIRY FORMULAS**

Else N	Autrition f	ormula		Dairy	formula	
Almond butter	Tapioca Maltodextrin	Buckwheat	Whey protein, 80% protein	Lactose	Skimmed milk powder	Vegetable oils
Climate footprint:	Climate footprint:	Climate footprint:	Climate footprint:	Climate footprint:	Climate footprint:	Climate footprint:
5.3 kg CO2e/kg	<b>1.7</b> kg CO <sub>2</sub> e/kg	<b>2</b> kg CO <sub>2</sub> e/kg	10 kg CO <sub>2</sub> e/kg	f f kg CO <sub>2</sub> e/kg	10 kg CO <sub>2</sub> e/kg	6.1 kg CO2e/kg
Gate: at factory gate	Gate: at factory gate	Gate: at factory gate	Gate: on store-shelf	Gate: at factory gate	Gate: at factory gate	Gate: at factory gate
*as calculated by	carbonclo d.com					
AVG: 3.65 Kg CO2e/Kg AVG: 10 Kg CO2e/Kg						

~65% lower carbon footprint



## **PRIMARY PLAYERS IN INFANT FORMULA MARKET**





# THE ULTIMATE SOLUTION

We have globally patented the world's first Whole Plant-based, Non-Dairy, Non-Soy, Clean label Infant Formula.\*



ee

\*Additional patent applications are being filed to protect new recent developments and innovations

### **OUR IN-MARKET PRODUCTS**





### INFANT FORMULA PENDING FDA APPROVAL



## **OUR SECRET SAUCE**

### A two-fold paradigm shift:

Novel protein source & Ingredient processing method

Avoiding controversial proteins & highly processed ingredients





**Core ingredients kept in their natural composition** 



**Composition meets** the Infant formula global standards



antibiotics, gluten, Hexane, GMO

Free of hormones,





#### The only infant formula brand to use clean whole food ingredients











## **ELSE'S DISRUPTIVE GAME CHANGING PROCESS**

#### **Beyond Organic I Whole foods I All Natural**



The world's only formula maintaining the natural way of nutrients digestion as intact proteins in their natural food matrix



- Transforming 3 real whole food plants in their natural form using an allnatural Enzymatic / Mechanical process that creates a formula with a similar nutritional matrix as Human Breast Milk.
- > **NO** Chemicals / Acids / Solvents involved
- > **NO** Protein Isolates / Hydrolysates / Ingredient Derivatives
- > **NO** Alteration of the Ingredients' Chemical Structure



## N.A. RETAIL DISTRIBUTION MILESTONES 3Q20 - 1Q23

<b>Oct 2020</b>	<b>Onboard KeHE</b>
<b>Feb 2021</b>	Sprouts 1 <sup>st</sup> retail chain
Jan 2022	<b>1,200 listed stores</b>
Nov 2022	3,500+ stores in US & Canada
Mar 2023	11,000+ listed stores



### **Increase in Units Per Store Per Week (UPSPW)**

ITEM	L52 weeks	L24 weeks	L12 weeks	L4 weeks
Organic	0.66	0.85	0.98	1.13
Vanilla	0.10	0.14	0.20	0.30
Chocolate	0.07	0.10	0.15	0.30
Original	0.09	0.17	0.25	0.63
Vanilla	0.07	0.14	0.27	0.47
Banana	0.07	0.15	0.27	0.43
Mango	0.05	0.11	0.21	0.41



## DISTRIBUTORS

**UNITED STATES** 

CANADA

Engaged with the two largest US natural food distributors (60,000 potential doors)









## **2023 DISTRIBUTION FORECAST**

NORTH AMERICA Anticipating 20,000 DOORS by EOY Planning to DOUBLE #POD by EOY (25,000 to 50,000)

CHINA Generate SIGNIFICANT REVENUES in 2024 Currently on many e-commerce platforms with more pending

AUSTRALIA Q3 2023: Launch additional gateway to China cross-border platform with a NOVEL product line launch

EUROPE H2 2023-2024: Launch into the largest EU markets starting with UK



### GLOBAL EXPANSION (2023-2024)



## MANUFACTURING

- > Tripled manufacturing capacity with 2 new partners in USA and Europe
- Proprietary processing for demineralized buckwheat production



- > Expansion:
  - New powder capacity started operating in Jan 2023
  - Secured additional partners in NA and EU for powder products
  - In discussions with a NA manufacturing partner for liquid line



# **FDA UPDATE**

### **Clinical study on infant formula expected to begin Q2 2023**

- > Two preclinical studies to support safety of the ingredients and the infant formula protein quality were successfully concluded
- > The clinical development plan of the infant formula:
  - Infant safety study to demonstrate the safety of the new infant formula planned to start Q2
    - $\circ$  Pregnant women recruitment waiting list is in place
    - Clinical study protocol was initially IRB (ethical committee) approved, patient facing documents and study promotional materials approved (ethical committee)
    - Pending FDA protocol and statistical plan review and alignment prior to study initiation
  - Hypo allergenicity study according to AAP recommendations to demonstrate tolerance in infants with cow milk allergy
- > GRAS dossiers are under preparation and will include the preclinical studies results
- New infant formula notification will follow









Hamutal Yitzhak CO-FOUNDER, CEO, DIRECTOR



- Former Head of Infant Nutrition at Abbott Labs Israel.
- Founder & Partner in Golden Heart Baby Snack Co.



**Uriel Kesler** *CO-FOUNDER, COO, DIRECTOR* 



- Former GM PL Infant Formula at Promedico Healthcare Group, Israel.
- Founder & Partner in Golden Heart Baby Snack Co.



Michael Azar CO-FOUNDER, CTO



- Former CEO & Chief Food Technologist at Materna (acquired by Nestle).
- Infant Nutrition production expert.

## **NORTH AMERICA**

#### **WORLD CLASS Scientific Advisory Board**



- Founder of the International Society for the study of breast milk and lactation (ISRHML).
- Member of American Society for Nutritional Sciences (ASNS), American Society for Clinical Nutrition (ASCN) and Society for International Nutrition Research (SINR)
- Member of International Editorial Board of the journal Pediatric
- Gastroenterology, Hepatology and Nutrition (JPGN). •
  - Associate Physician at the Italian Hospital, Buenos Aires, Argentina
- Allergy/Immunology at the Children's Hospital Colorado and University of Colorado, Denver
- Pediatric Gastroenterologist at Boston Children's Hospital
- Senior Lecturer in Pediatrics at Harvard Medical School, USA



**University at Buffalo** 

- Tenured professor of Pediatrics at
- Murray Davidson Award by the American Academy of Pediatrics
- Recognized for an outstanding clinician, educator, and scientist who made significant contributions to the field of pediatric gastroenterology, hepatology, and nutrition.





#### **WORLD CLASS Scientific Advisory Board**



Prof. **Olle Hernell** 



- A former member of the committee of Nutrition as well as the Council of the European Society for Pediatric Gastroenterology, Hepatology and Nutrition (ESPGHAN) and former chair of the Swedish Royal Academy of Sciences 'National Committee on Nutrition and Food Sciences.
- A professor emeritus, former head of pediatrics at the department of Clinical Sciences. Umeå University. Sweden.



Prof. **Ra'anan Shamir** 



- Past President of ESPGHAN -European Society for Pediatric Gastroenterology Hepatology and Nutrition
- Professor of Pediatrics. Sackler Faculty of Medicine, Tel-Aviv University
- Chairman, Institute of Gastroenterology, Nutrition and Liver Diseases, Schneider Children's Medical Center, Israel



Prof. **Yvan Vandenplas** 



· Head of Department KidZ Health Castle and Child Gastroenterology and Nutrition, Vrije University Hospital Brussels, Belgium



Prof. Hania Sajewska M.D



- Former member of the Council, General Secretary of ESPGHAN, Secretary of the **ESPGHAN Nutrition** Committee.
- Chair of the Department of ٠ Pediatrics at the Medical University of Warsaw.
- BOD member of the International Scientific Association for Probiotics and Prebiotics.



Prof. **Ron Shaoul M.D.** 

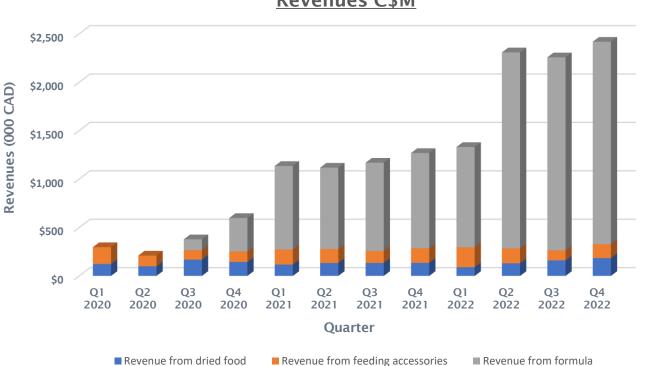


- Ruth
- Member of the ESPGHAN Porto pediatric IBD working group
- Director of the Pediatric Gastroenterology Unit at Ruth Rappaport Children's Hospital, Haifa, Israel
- Clinical Associate Professor in Pediatrics at the Rappaport Faculty of Medicine
- Member of the European Pediatric Inflammatory Bowel Disease Working Group.





## ELSE NUTRITION FINANCIALS ('20-'22)



**Revenues C\$M** 

- 2020 = C\$1.48 M
- 2021 = C\$4.69 M
- 2022 = C\$8.6 M
- C\$16.6 M Cash (as of Dec 2022)
- Retail Store Locations

○ +11,000 in 1Q23 vs. ~1,200 in 1Q22 (~900+%)



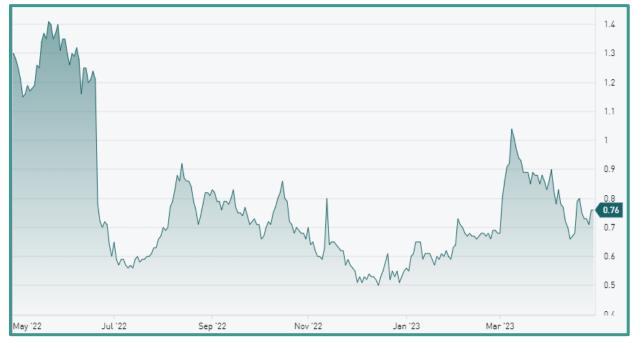


## **CAPITAL STRUCTURE**

ISX: BABY   OICQX: BABYF   FSE: UYL				
Market Cap (issued S/O)	C\$85.7M			
Share Price	C\$0.76			
52-Week Price Range	C\$0.48 - C\$1.49			
Issued & Outstanding	112,775,220			
Founder & Key Person Warrants	31,801,492			
Underwriters Warrants	907,474			
Financing Warrants	19,276,128			
Options Plan Pool	13,533,026			
<b>Total Fully Diluted</b>	178,293,340			

TCV. DADV | OTCOV. DADVE | ECE. OVI

52-Week Chart (As of April 26, 2023)



Source: TMX

#### **MANAGEMENT OWNERSHIP: ~26%**



## **Investment Highlights**

- > The world's first whole plant-based infant formula (soy and dairy free)
- > Award-winning products with achievement on Amazon for #1 baby cereal
- Strong global patents (composition based)
- Increased retail footprint to over 11,000 doors since 1Q22 (~900+%)
- > Strong distribution and manufacturing partners for global expansion
  - ✓ Q4 2020: USA
  - ✓ Q3 2022: Canada
  - ✓ Q4 2022: China The world's largest infant formula market (45%)
  - Q3 2023: Australia
  - □ H2 2023-2024: Largest EU markets starting with UK
- > FDA approval pending on infant formula for U.S. expansion anticipated within 18 24 months





#### OTCQX: BABYF | FSE: 0YL TSX: BABY

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