

The workshop will start soon.

Personalised nutrition: How to bring personalised nutrition to the mass?

Workshop 6

16 March 2022



















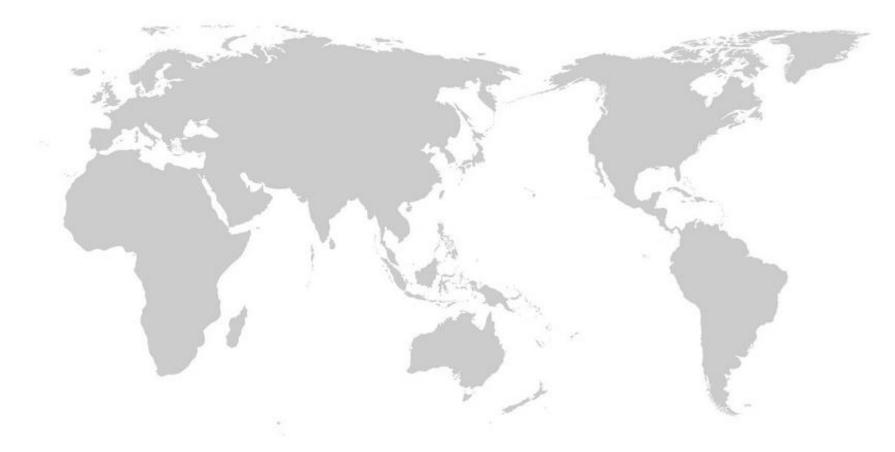






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Welcome!



Over 220 Participants

From 30 Countries

70 from Asia 150 from Europe & other regions



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Global Foodture project



European project, collaboration of 7 European Clusters and Asian partners: Enterprise Singapore, Foodpolis, FoodInnopolis, TMA Thailand, Kobe University and NARO.

Aiming to stimulate innovation collaboration between European SMEs and Asian organisations - Japan, Singapore, South-Korea Thailand

2022 - 2023: Several activities, including matchmaking, training program, international missions and online thematic workshops

Themes:

- Agriculture cultivation & support solutions
- Alternative proteins
- Sustainable packaging
- Solutions to reduce food waste
- Health products, functional and personalised food

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Programme

- 09.00 Welcome & General Introduction
- 09.05 What is Personalised Nutrition? Introduction & European perspective by Judith van der Horst, Innovation Lead Food & Health, Foodvalley NL
- 09.20 Introduction to personalized Nutrition from the Asian perspective by Usha Viswanathen, Nutrition & Public Health Director, Integrated Nutrition Solutions

Masterclass 1: Personalised Nutrition from the Asian perspective

- 09.35 Presentation by Singaporean Company Amili by Gwen Tan, Vice president
- 09.45 Presentation by South Korean Advances Institute of Convergence Technology by Seoyoung Kim, Senior Researcher

Masterclass 2: Personalised Nutrition from the European perspective

- 10.00 Presentation by Natural Machines by Lynette Kucsma, Co-Founder & CMO
- 10.10 Presentation by Venner Oy by Tuulia Jarvinen, Founder & CEO
- 10.20 Presentation by Movesca by Jon Henningsen, CEO
- 10.30 Open talk moderated by Anni Simonsen, Food & Bio Cluster Denmark & Project coordinator of Global Foodture
- 10.55 Wrap-up & Closing
- 11.00 Opportunity for matchmaking via the Global Foodture Community Platform

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Questions?



Do you have any questions to our speakers?

Please raise them in the Questions-box in Zoom and we will address them during the session.

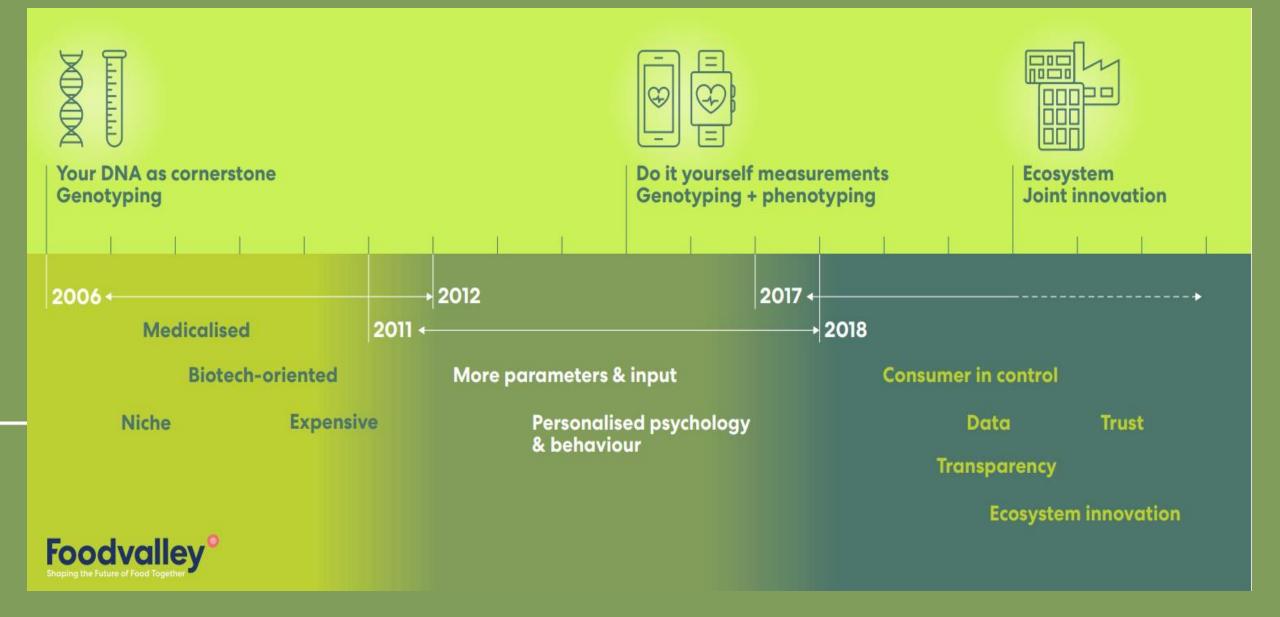
Please state the following in the Question-box: Your name, company name, speaker to address the question to & question itself



Foodvalley

Shaping the Future of Food Togethe

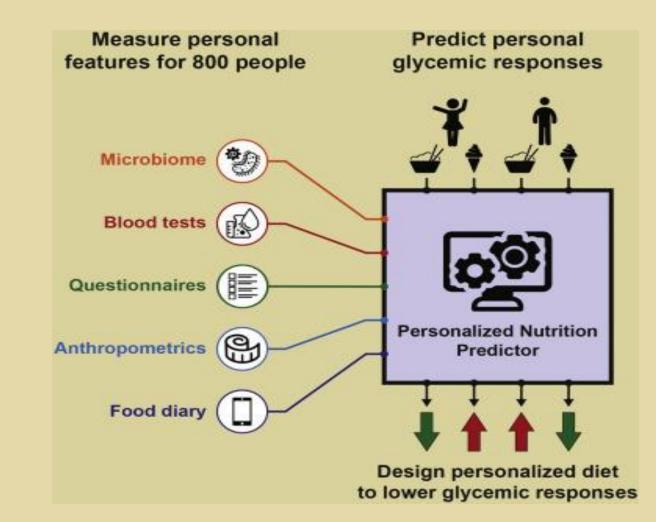
Dr. Judith van der Horst - Graat Lead Food & Health Judith.vanderhorst@foodvalley.nl



WE ARE ALL UNIQUE

The same meal elicits different responses in different people

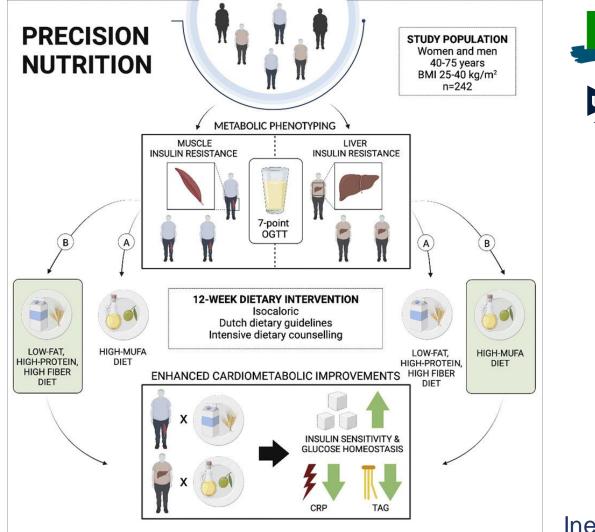
Zeevi et al. 2015, A landmark study in PN





COMPLEX STUDY SIMPLE OUTCOME

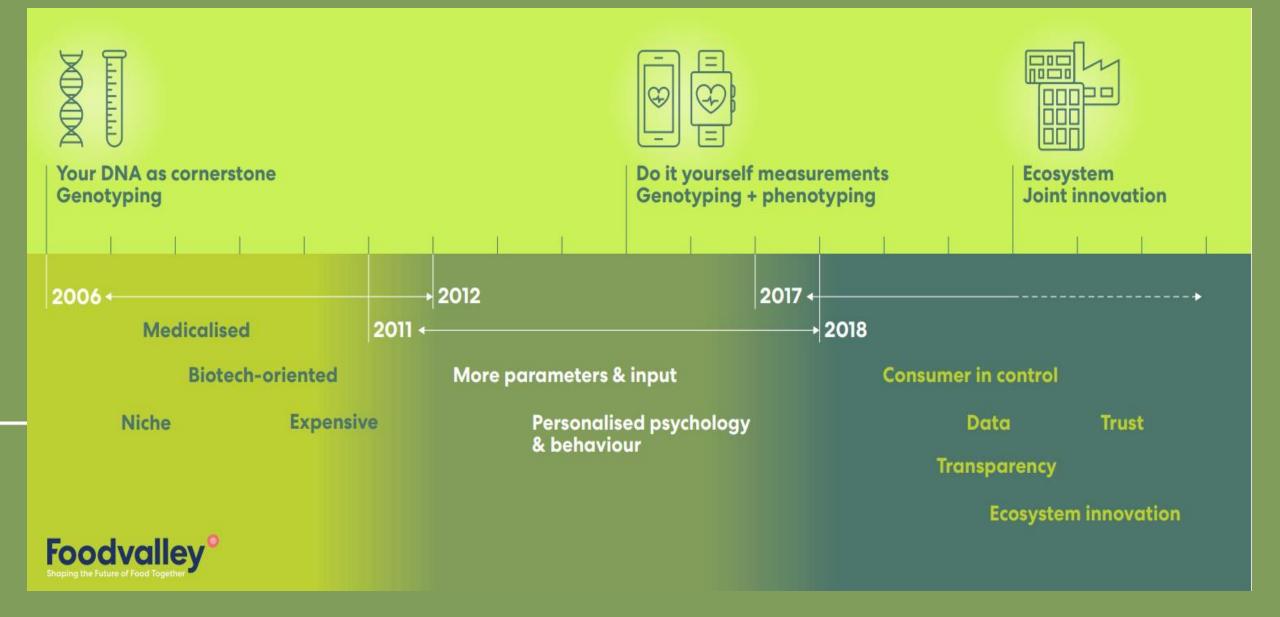
Metabolically different people need different diets to thrive



WAGENINGEN UNIVERSITY & RESEARCH

Maastricht University

Inez Trouwborst et al 2022







DOWNLOAD

https://www.foodvalley.nl/wpcontent/uploads/2021/10/Personalised-Nutrition-Position-Paper-final.pdf Personalised nutrition could be a service or a product

> *It uses individualspecific information*

Is founded in evidencebased science

Has the goal to give consumers control

Promotes a positive, sustainable dietary be havioral change

Results in measurable benefits for personal goals

MAKE THE HEALTHY CHOICE THE EASY CHOICE

resulting in

higher vitality

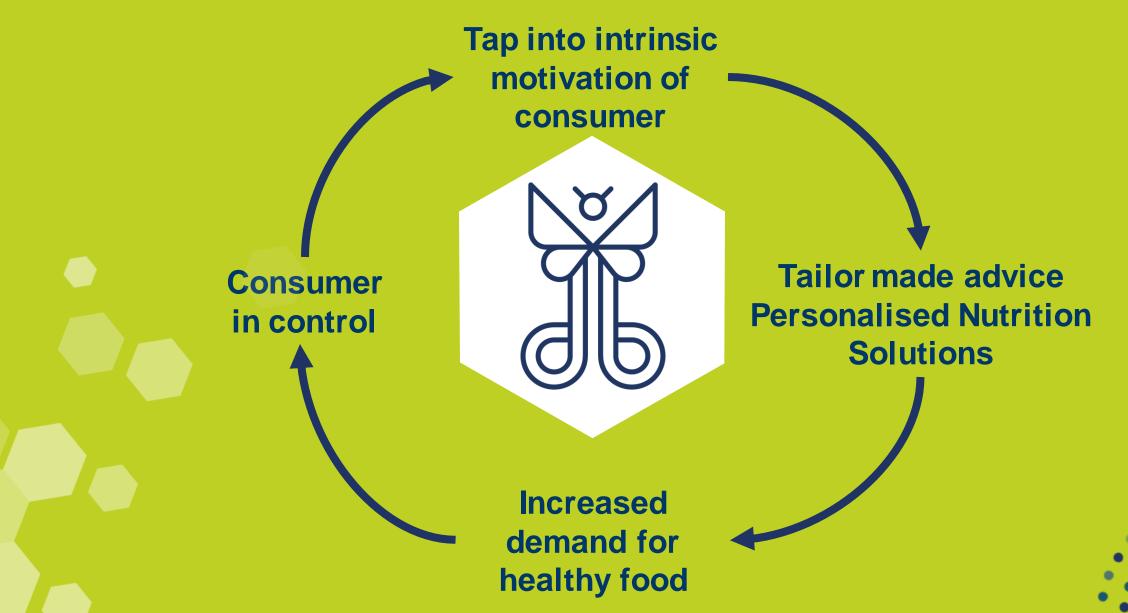
and well - being



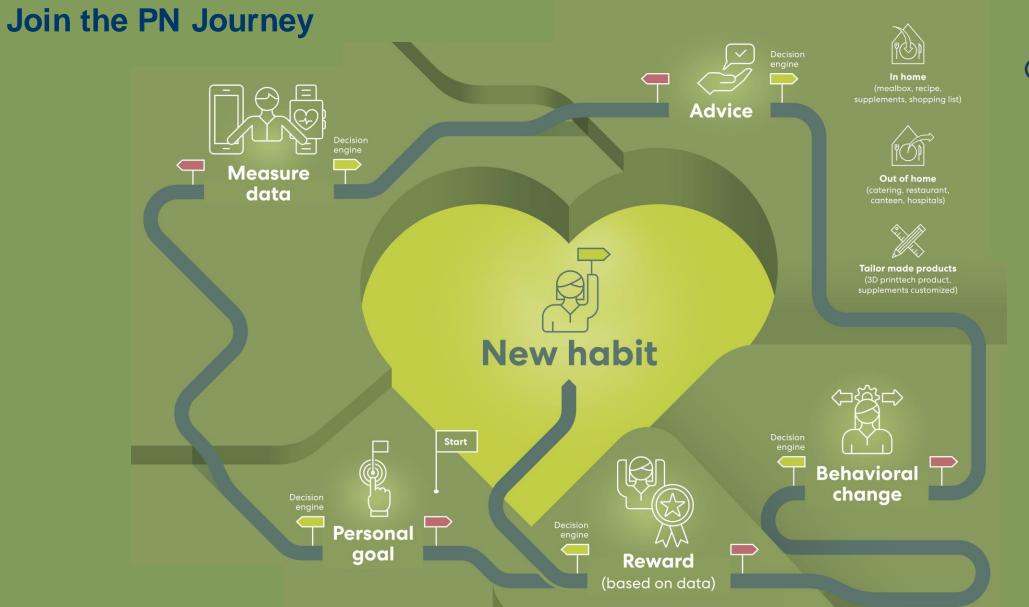
by balancing supply and demand



SUPPLY AND DEMAND



YOU TAKE CONTROL





QUESTIONS THAT CANNOT BE SOLVED INDIVIDUALLY



ACCELERATE	CONNECT	GROW
Science and data, independent	Connected, knowledgeable and	Business models for

insights.

supportive ecosystem

mass market









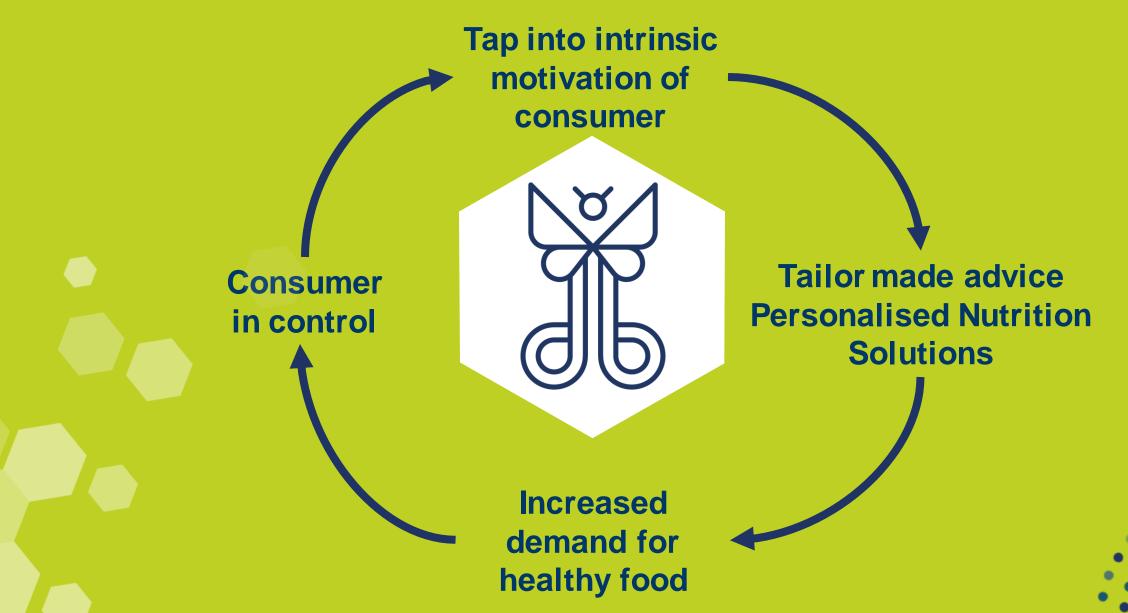
VIPS A pilot to increase **Vitality & Interaction** via Personalised nutrition Solutions

PRIZE BASED CHALLENGES PN Community breeding ground



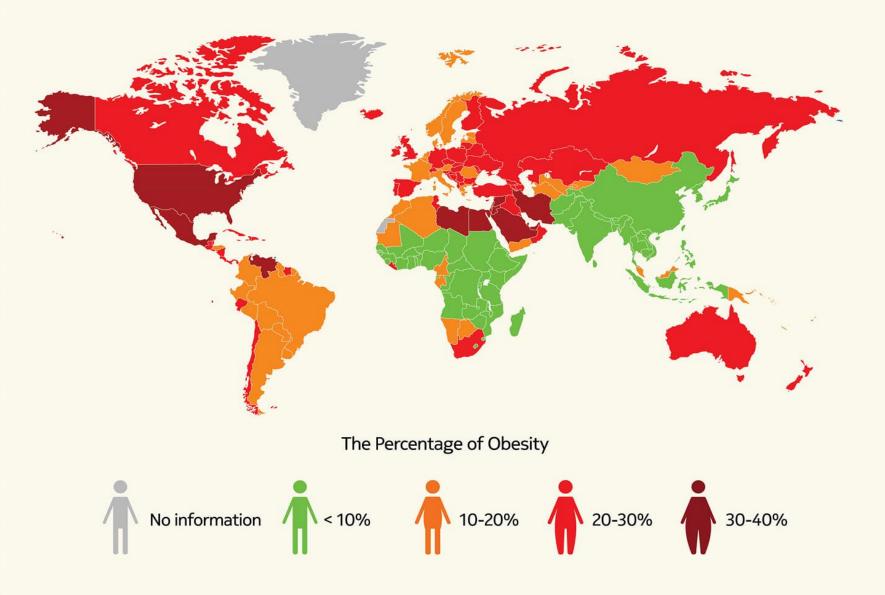


SUPPLY AND DEMAND



FOOD 4 HEALTH COMMUNITY START SUMMER 2023

A WORLD IN SBALANCE



source: who.int

MAKE THE HEALTHY CHOICE THE EASY CHOICE

Judith.vanderhorst@foodvalley.nl





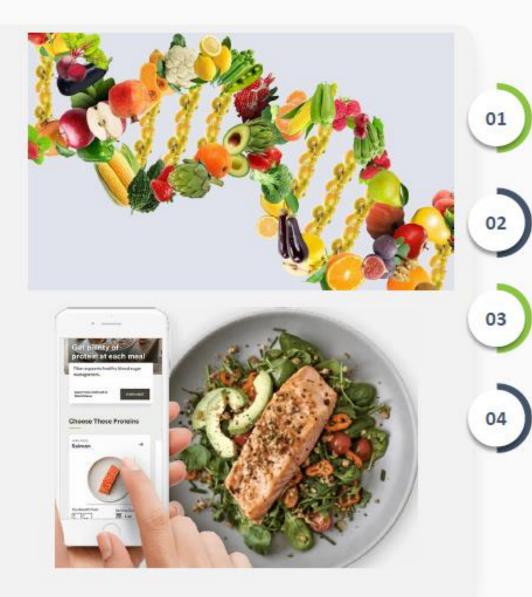


PERSONALISED NUTRITION An Asian Perspective

Usha Viswanathen







Discussion points

Understanding Shifts In Consumer Behaviours

Overall Goal Of Personalised Nutrition

Personalised Nutrition Market in Asia Pacific

Factors Driving & Delaying Personalised Nutrition In Asia



With Growing Awareness of Individual Differences and Needs, **Consumer Behaviours Have Shifted To More Personalised Nutrition** Solutions

Health Focus Post Covid-19 Pandemic	 Poor fitness levels, excess weight gain and weaker immune system resulting from unhealthy lifestyle during pandemic Asia Pacific Survey* showed that during the pandemic: 51% had excessive weight gain 69% picked unhealthy eating habits (with incessant snacking) 80% of consumers are looking to re-focus on their health 		
Lets Get Personal With Nutrition	 Increasing awareness of individual health risks, differences in body type, unique preferences and realization that 'one solution does not fit all' Demand for customized health and nutrition guidance, solutions & services 		
Improving Immunity Via Digestive Health	 Growing recognition of the need to boost immune system/immunity (especially post pandemic) Knowledgeable on gut microbiota and how healthy microbiota supports the immune system 	8 out of ten consumers in the Asia Pacific region want to kick unhealthy lifestyle habits they developed during the pandemic*	
Digital Devices	 The growing popularity of digital gadgets/tools which allow the individual to collect personalized health & lifestyle data 		



The Overall Goal Of Personalised Nutrition All Over The World Remains A Constant

Overall Goal Of Personalised Nutrition

- Support individuals in achieving lasting dietary behaviour change that is beneficial to health²
- Based on the theory that individualising nutritional advice, products, or services will be more effective than more generic approaches
- Preserve or increase health using genetic,
 phenotypic, medical, nutritional, and other
 relevant information about individuals to deliver
 more specific healthy eating guidance and other
 nutritional products and services¹

Personalised nutrition solutions is to motivate and enable each person to make appropriate and sustainable changes to his or her eating pattern Personalised Nutrition Market In Asia May Be Trailing Behind Europe And US, But Increasing Interest From Consumers/Multi-national Companies Driving Its Growth



- Asia-Pacific's personalised nutrition market has undergone significant growth in the last few years and is anticipated to increase considerably(CAGR of 13.2%) between 2021 to 2071 ¹
- This market growth offers opportunities for Food Industry to focus on PN research, products and services



- Growing trend in Asia, with developed countries such as Japan, South Korea and Singapore seeing most activity
- Between 2022 and 2032, China is expected to lead the East Asian PN industry²
- China is estimated to account for more than 35.6% of demand in East Asia²



- The increasing number of start-ups in the region is responsible for the growth
- Leading food companies are investing in nutrition research targeting individualised concerns and solutions





There Are Many Factors That Drive The Growth Of PN In Asia – Though A Lot Of Work Remains To Be Done

Factors Driving Growth of PN in Asia

Post Covid pandemic, there is increased consumer emphasis on health and fitness. Consumers recognize their unique individuality and turn to personalized nutrition solutions to meet their health needs

Scientific data showing targeted nutritional advice, products, or services support consumers to achieve sustainable dietary change beneficial for health¹

Advances in digital technology, Bluetooth access and wearable digital solutions that provide instant access to personalized health and lifestyle data

Food Companies investing in research, products and services to meet consumer needs and expand their market presence

Factors Delaying Growth of PN in Asia



Differences in socio-economic status, varied access to healthcare, inability to target consumers via medical channels

Consequently, less developed countries are lagging due to high cost of personalized nutrition programs



Need for robust science and evidence backed data to substantiate the benefits and to show what works and what does not



Data Privacy - Personal data needs to be kept secure



Meeting cultural preferences - 80% of Asia-Pacific consumers have stated the importance for products to be made with familiar or well-known ingredients¹



CONCLUSION: Everyone Wants To Live As Healthy As Possible. Personalised Nutrition Solutions Provide A Key To Achieving This

- Personalised Nutrition recognizes that consumer needs are unique, and are motivated to purchase products that reflect their specific, personal goals
- Personalised Nutrition Solutions and Services support individuals in achieving sustainable dietary behaviour change to benefit their health
- Food companies, academicians and industry need to work together to provide robust scientific data to showcase the benefits of personalized nutrition solutions



Bringing Personalised Nutritional to the Mass



About Us

AMILI is a precision microbiome company based in Singapore, serving the region. It is building the world's largest multi-ethnic Southeast Asia microbiome database and stool bank of healthy individuals and those with various medical conditions.

Through AMILI's proprietary Stool Bank and discovery engine PRIME, AMILI developed Food Validation tests and microbiome-modifying interventions to enhance human health.

THE STRAITS TIMES

Overview [Translate Science to Industry]

AMILI is Proprietary Bio & Tech Assets are well positioned to assist companies in capturing wallet share from the growing number of health & wellness markets

AMILI TEAM Experienced Team to develop clinical products and scientific food	Proprietary ASSETS Product and Database suitable for Asian-centric target markets of	or Focused on improving patien	ood for Health Services at and consumer wellness and health omes in Asia
<section-header></section-header>	BIOBank > 3000 stool	Fecal Assay Ingredient Validiation AMILI In-house Protocol To evaluate the impact of ingredient/food on the fecal microbiome community from AMILI Stool bank. This approach enables us to verify and identify bacteria whose growth is regulated by ingredient/food	Fecal Microbiota Transpiant (FMT) Comprehensively screened Donor Stool Samples Developed FMT in the form of Enema & Capsules Sole Supplier and partner in Singapore
	TECH AMILI PRIME	Human Trial	Gleneagles Databases & Analytic Pipeiines
	AMILI PRIME >1000 Lifestyle data and >5000 microbiome data. Multi ethnicity, wide demography	AMILI in-house IRB Committee Target Subjects suggested from different demographic and GMB profile . The outcomes provide insight on the ingredient's/food impact on human gut health to support potential regulatory application	Reference range (richness, abundance of taxa, pathways etc), reflective of the gut microbiome influenced by Asian genetics and diets.

Food for Health Validation Services

AMILI's expertise in gut microbiome science allows it to assist food companies in validating and developing healthy new product line



Singapore-Based Vertical Farm

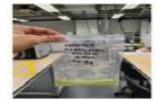
In Vitro Test

- The Singapore-based Vertical Farm sought to find a use case for its vegetable stalk waste by-product
- AMILI ascertained that the stalk contains prebiotic fibres that could grow a beneficial bacterial strain 5x faster
- AMILI's validation work highlighted the nutritional value of the vegetable stalk waste by-product, prompting the exploration producing soluble powder that can be added into other food products and optimized for delivering gut benefits









Malaysia-Based Agriculture

In Vitro Test

- East Malaysia agriculture sought to validated the prebiotic potential of its crop
- AMILI ascertained that the crop has high soluble fiber that could promote specific Lactobacillus growth
- AMILI's validation work leading to follow-up symbiotic food ingredients or dietary supplements development



Food for Health Validation Services

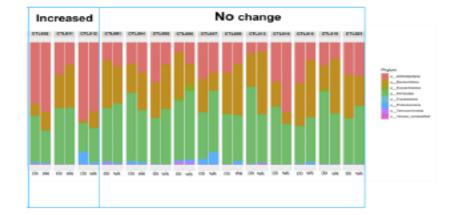
AMILI's expertise in gut microbiome science allows it to assist food companies in validating and developing healthy products



Leading, Public Listed CPG Group

Human Trial

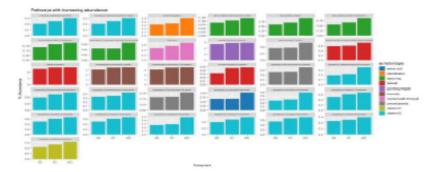
- The CPG group sought to differentiate its beverage in a crowded market of established CPG groups and insurgent entrants
- AMILI showed that the beverage lowered fecal calprotectin levels in the human gut (thereby proving its anti-inflammatory properties)
- Following the successful health validation of the beverage, the CPG group can now broaden its appeal to health-conscious consumers



Start-up Ready-to-Heat Functional Meals

Human Trial

- The startup sought to validate and designed personalized meal plan for target customers.
- AMILI showed that all participants reported Improved SCFA production, better insulin signalling and Higher GABA signalling after AWE diet (Functional pathway analysis)
- Following the successful health validation, the startup can design specific 1 week and 2 weeks meal regimen that appeal to specific target group consumers



Publication

AMILI Research know-how and AMILI platform in Health & Wellness





Paper Publication, Conference and Poster Presenation

Kwa WT, Sundarajoo S, Toh KY, Lee, J Application of emerging technologies for gut microbiome research. Singapore Medical Journal 64(1):p 45-52, Jan 2023 doi: 10.4103/singaporemedj.SMH-2021-432

Hooi SL, Dwiyanto J, Rasiti H, Toh KY, Wong RKM, Lee JWJ. A case report of improvement on ADHD symptoms after fecal microbiota transplantation with gut microbiome profiling pre- and post-procedure. Curr Med Res Opin. 2022 Oct 7:1-6. doi:

Lydia Lim Wan Zhen, Kai Yee Toh, Rachel Quek Boo Eng, Jeremy Lim Fung Yen (2021) Understanding the knowledge, awareness and perceptions of the gut microbiome and FMT in Singaporean adults. Oral Presentation at APRU Global Health Conference 2021

Jacky Dwiyanto, Kai Yee Toh, Jia Pei Ho, Tin Tin Su, Jeremy Lim, Jonathan Wei Jie Lee, Sadequr Rahman, Chun Wie Chong IDDF2021-ABS-0150 Influence of ethnicity on the gut microbiota of Singaporean and Malaysian communities Gut Sep 2021, 70 (Suppl 2) A48-A49; DOI:

Haohui Liu, Meihui Xu, Kai Yee Toh, Chun Wie Chong, Jeremy Fung Yen Lim, Jonathan Wei Jie Lee IDDF2021-ABS-0140 Gut microbiota significantly correlate with body constitution in Traditional Chinese Medicine Gut Sep 2021, 70 (Suppl 2) A47-A48; DOI: 10.1136/gutjnl-2021-IDDF.45

Tzi Shin Toh, Jonathan Wei Jie Lee, Kai Yee Toh, Jia Pei Ho, Jeremy Fung Yen Lim, Ai Huey Tan, Chun Wie Chong IDDF2021-ABS-0165 Psychological well-being and sleep quality among healthy stool donors in Singapore: a cross-sectional study Gut Sep 2021, 70 (Suppl 2) A50-A51;

Shiang-Chiet Tan, Kai Yee Toh, Jia-Pei Ho, Chun-Wie Chong, Jeremy Fung-Yen Lim, Jonathan Wei-Jie Lee IDDF2021-ABS-0169 The association between exercise, nutrient and food habits with the Singaporean gut microbial composition Gut Sep 2021, 70 (Suppl 2) A3; DOI: 10.1136/gutjnl-2021-IDDF.3

Dwiyanto, J, Chia, BB, Look, MCM, Fong, J, Tan, G, Lim, J & Chong, CW. Effects of OsomeFood Clean Label plant-based meals on the gut microbiome. Manuscript submitted in Jan 2023.

Suet Li Hooi, Jacky Dwiyanto, Kai Yee Toh, Gwendoline Tan, Chun Wie Chong, Jonathan Wei Jie Lee, Jeremy Lim. The microbial composition and functional roles of different kombucha products in Singapore.bioRxiv Preprint https://doi.org/10.1101/2022.11.14.516366



Thank you

Reach me at gwen.tan@amili.asia

Personalized diet platform for food companies

Kim, Seo-Young

Senior Researcher

Advanced Institute of Convergence Technology

March 16, 2023

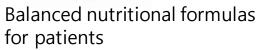
Background

MFDS Notice 2020-114, Nov. 26, 2020 (Enforcement date : Jan. 1, 2022)

• Food Code > 11. Foods for Special Medical Purposes

11-1 Standard Nutritional Formulas





Nutritional formulas for diabetics

11-2. Customized Nutritional Formulas



metabolic diseases

Formulas for congenital



Special formulas for infants and young children

11-3 Meal type dietary management foods for patient



meal kit

meal box

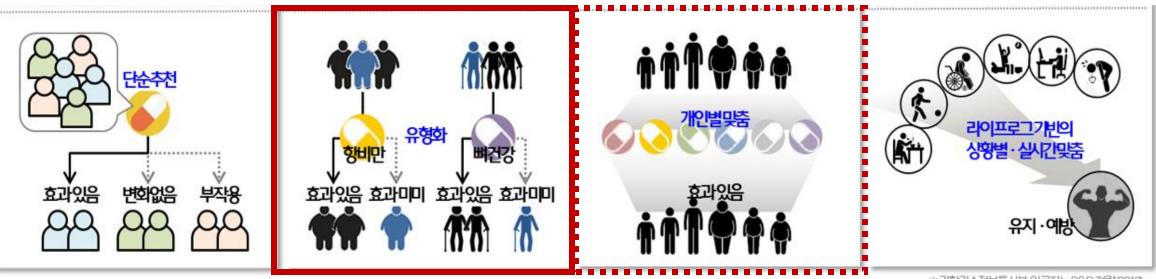
manufacturing standards for (2020) diabetic patients kidney di

(2020) diabetic patients, kidney disease patients (2021) cancer patients

(by 2026) high blood pressure patients, lung disease patients, liver disease patients, inflammatory bowel disease patients, and fluid/electrolyte supplementation Recommendation by public informaion

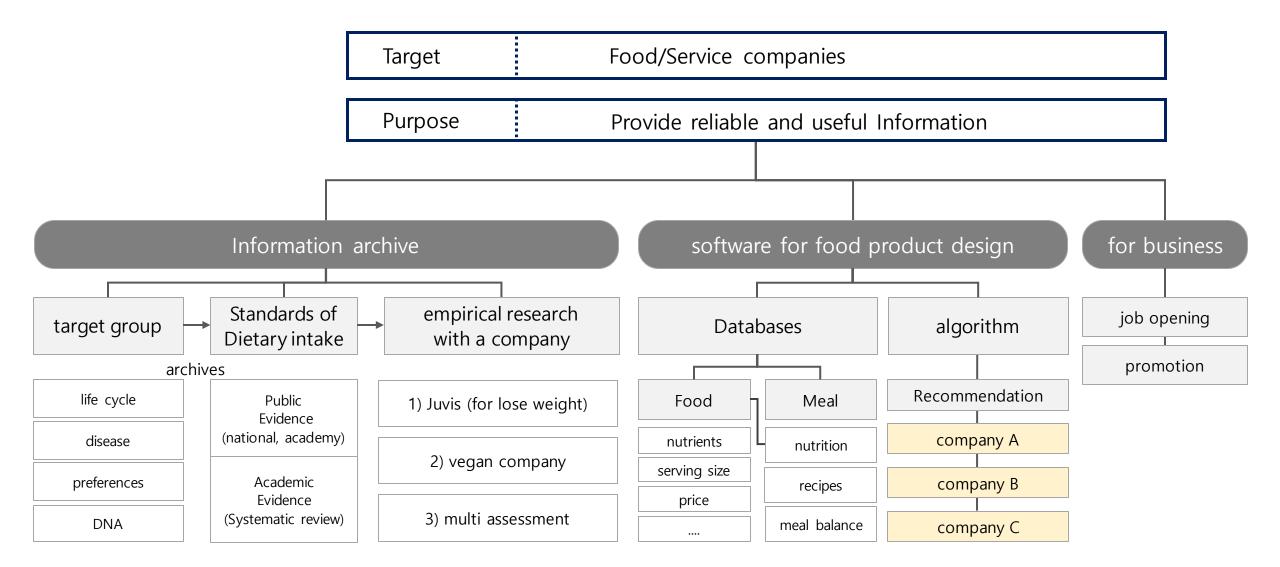
Recommendation for target groups

Recommendation by individual information (DNA, Microbiomes etc.) Recommendation by individual responses



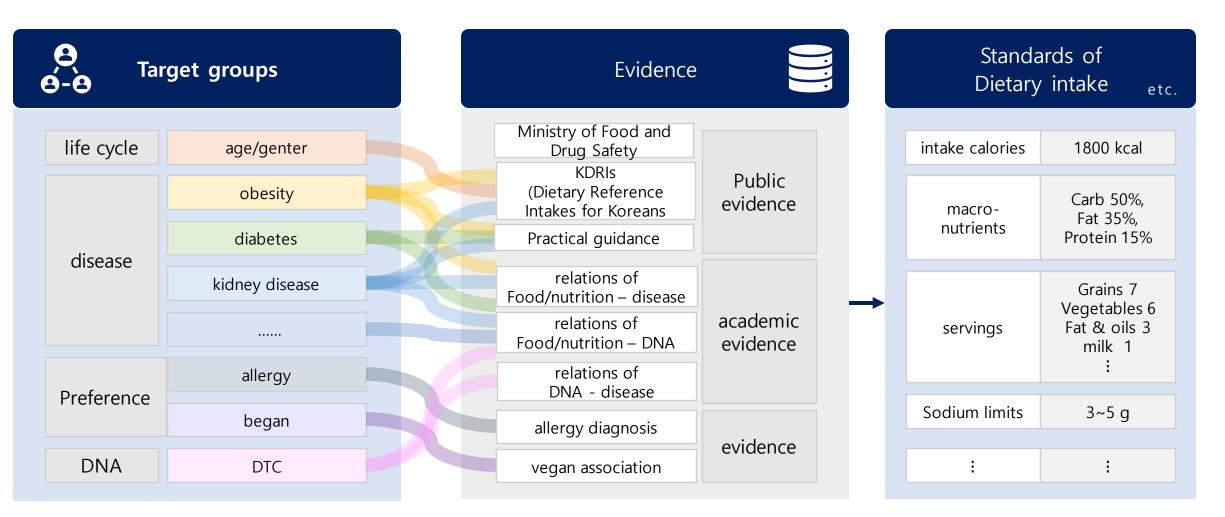
※과학기술정보통신부, 안공자능 R&D 전략(2018)

Platform overview



(1) Information Archive

Providing reliable information helps food companies establish recommendation algorithms according to the user's life cycle, disease, personal preference, and gene type.

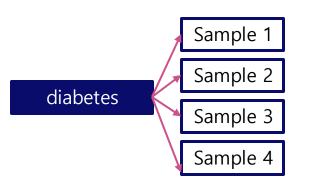


(2) Service scenario for a food product design

1) choose the meal box types



2) choose the target groups



3) Choose and change the meal compositions

4) Choose and change the recipes

5) nutritional assessment

6) Price assessment

(3) Collaborative research

1) the Diet company FIET

Provide database & food recommendation algorithm

FIET



2) Collaboration Program

Plan for weight control diet program

high protein breads



low sodium meal box

high protein noodles



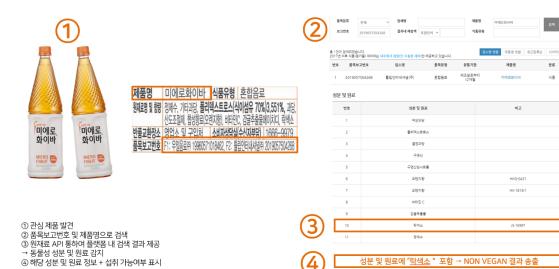
low fat meal kit



(3) Collaborative research

3) vegan service program

How to know if the food products are vegan? Provide public DB and algorithm



Education camp program















BRINGING PERSONALIZATION TO THE MASSES



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m

Skin Care

Personalized Nutrition

Pharma







Barcelona



New York



Beijing





Top emerging health & wellness startup





THE TOP 5 KITCHEN ROBOTICS & SMART APPLIANCES COMPANIES

THE TOP 5 GLOBAL SUCCESS STORIES FROM THE KITCHEN ROBOTICS & SMART APPLIANCES CATEGORY

IN PARTNERSHIP WITH



NEOM POL



SUSTAINABLE G ALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Factory

Large Centralized Pre-made Mass Market Products

Our Solutions

Countertop Localized Can be Made On Demand Personalized Products







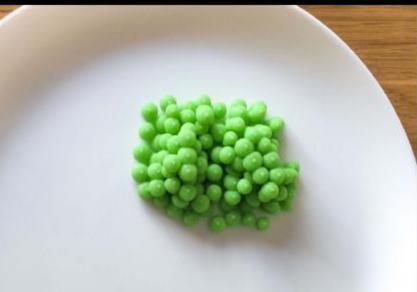




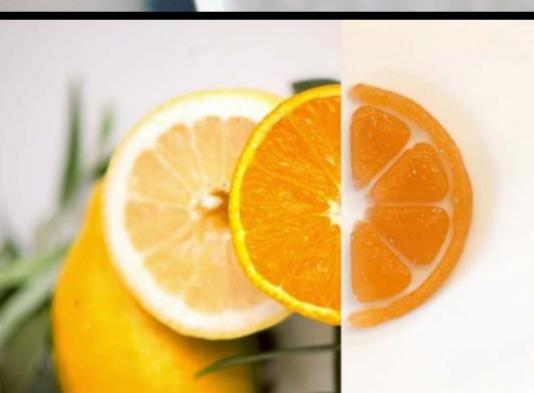














natural machines

Personalized Sport Nutrition































































LYNETTE KUCSMA Co-Founder



























































INTRODUCING "THE HAPPY MEAL" OF THE VEGGIE WORLD!

VEGEMI, A GOOD TUMMY BACTERIA LIVES INSIDE OF YOU, AND ALSO IN HIS VERY OWN APP *

VEGEMI GETS SUPERPOWERS WHEN YOU FEED HIM FRUIT & VEGGIES, & GETS KIDS AROUND THE WORLD EXCITED TO EAT THEIR "5 A DAY" LEADING TO CLIMATE FRIENDLY DIETS.

THE APP RECOGNISES REAL FRUITS & VEGETABLES & COMBINES THEM WITH APPROVED HEALTH CLAIMS.



COMBINES PLAY + TECH + ANIMATION

...educating young children about nutritious & sustainable food choices, featuring;

GAMIFICATION

FRUIT & VEGGIE RECOGNITION

APPROVED HEALTH CLAIMS

& IS FREE FOR USERS TO DOWNLOAD

THE PROBLEM

THE PROBLEM IS CHILDREN'S LOW VEGGIE & FRUIT CONSUMPTION AND HIGH ULTRA-PROCESSED FOOD CONSUMPTION. THIS IS LEADING TO VARIOUS PHYSICAL AND MENTAL HEALTH AND ENVIRONMENTAL PROBLEMS.

HEALTH:

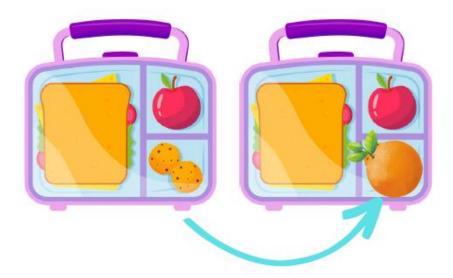
POOR MENTAL HEALTH CHILDHOOD OBESITY TYPE 2 DIABETES DIET-PREVENTABLE ILLNESSES LOWER MICROBIOME DIVERSITY

CLIMATE & ENVIRONMENT:

ULTRA-PROCESSED FOOD CONSUMPTION LEADS TO INCREASED CO2 EMISSIONS & DECREASED PLANETARIAN BIODIVERSITY



IN AVERAGE, IF WE SWOP ONE PORTION (66G) OF ULTRA PROCESSED FOODS TO ONE PORTION OF FRUITS OR VEGETABLES (66G) DAILY, WE DECREACE CO2 EMISSIONS WITH 100.92 KG CO2 EQ / CHILD / YEAR AND DECREASE TYPE 2 DIABETES RISK W/ 25%



BASED ON: IN AVERAGE FRUIT & VEGETABLES HAVE CO2EQ EMISSIONS OF 1.084/G. AND PROCESSED FOODS (CHIPS, COOKIES, FRIES, CHOCOLATE) HAVE CO2EQ EMISSIONS OF ON AVERAGE 5.17/G. THESE CO2 EQ VALUES ARE BASED ON VALUES ESTIMATED IN NETHERLANDS (WITHOUT TRANSPORTATION). SOURCE: HTTPS://FOODFOOTPRINT.NL/



VEGEMI MVP IS ON THE MARKET SINCE 06/22 WITH VERY PROMISING FIGURES AND EXCITED END USERS.

WE HAVE STRONG INTEREST FROM EXISTING RETAIL CUSTOMERS AND POTENTIAL CUSTOMERS – ONCE THE GAMIFICATION & INTEGRATIONS ARE ON PLACE TO CREATE THE ECOSYSTEM TOGETHER: VEGEMIVERSE



FIXING THE WORLD THROUGH B2B2C PARTNERSHIPS

RETAIL -

SCALABLE LICENSE MODEL TO INCREASE FRUIT & VEGGIE SALES & CREATE SOCIAL IMPACT + DATA INSIGHTS ON CONSUMER BEHAVIOUR

FOOD BRANDS -

COLLABORATION WITH FOOD BRANDS OFFERING HEALTHY & SUSTAINABLE CHOICES



THE VEGEMIVERSE ECOSYSTEM FOR RETAIL

A Scalable Licence Model / ACTIVE ON THE MARKET / PILOT PHASE

VEGEMI IN-STORE/WEB STORE



Licensed designs for instore experience and fruit & vegetable promotion. Rights to Vegemi app & brand for use in events, marketing & PR.

Vegemi 1.0 launched 06/22. Retailer specific content in-app with photo regocnition connecting the customer's in-store & at home experience

VEGEMI AT HOME

PERSONALISED NUTRITION PIPELINE - BUILDING AI MODEL



FRUIT & VEGETABLES VARIETY & "VEGEMI MICROBIOME" COUNT



BUILDING AI TO SUPPORT PERSONALISED FRUIT& VEGGIE INTAKE, VARIETY, OFFICIAL GUIDELINES CONCERNING CHILDHOOD NUTRITION - AND CO2 EMISSION DECREASE!



PRODUCTS FOR ONLINE RETAIL STORE

VEGEMIVERSE PERSONALISED VEGGIEBOX



VEGEMIVERSE AT HOME



Personalised fruit&veggie boxes, based on real usage data from the Vegemi-game and/or shopping data (through AI model) The box includes weekly fruit&veggies based on personalisation & nutrition, including educational inspiration + gamification for kids.

APP GAMIFICATION PIPELINE



Real fruit & vegetables are needed to open new words in the

game!

VEGEMI'S WORLD EVOLVING

ANOVCLO

100.00

ADVENTURE ENERGY - GAIN/CONSUME

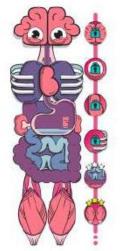


Vege meter shows the status of Vegemi's adventure energy.

With the adventure energy Vegemi is able to open new worlds.

FRIDGE

The fridge reminds the player of the importance of eating veggies. The fridge is a different game track that evolves with new friends coming in.



WORLD 2.0

Different worlds have their own veggie related stories, games and tokens.

Worlds are:

- Brains
- · Gut
- · Eyes
- Heart
- Muscels
- Bones
- Immunitu





CHILDREN VEGGIE FAVORITES

PARTNER RETAILER





DATA EXCHANGE AND INTEGRATIONS WILL CREATE NEW PRODUCTS, HEALTHY FOOD SALES & IMPACT DATA FOR ALL PARTIES INVOLVED IN THE ECOSYSTEM!

Feedback from the parents:

"(Name of the child) has started to eat carrots from her soup!"

"They (the children) competed at home who would eat apples fastest to get the superpowers of it fastest" "(Name of the child) did not eat all of her candies as Vegemi does not like sugar too much"

"1st thing in the morning (name of the child) wants to feed his Vegemi with real fruits and veggies, and he asked us to make "Vegemi-soup" that was cauliflower soup - which he enjoyed!" "(Name of the child) got a little tantrum as we didn't have kale at home 😄 - since when has she even known what is kale!"



MOVESCA

MAR. 2023

PERSONALISED FOOD FOR PATIENTS COST AND CARE



 Jon Henningsen jhe@movesca.dk
 +45 27 57 41 12



MOVESCA - WHO ARE WE?



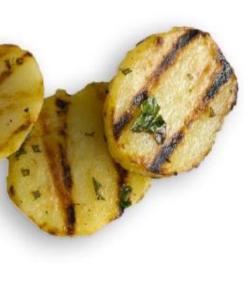
Jon Henningsen CEO (Founder)



COO (Co-founder)



Mai Hoberg Nielsen Usability & Impl. Lead



🛠 MIN MENU



Charlotte Nørregaard Quality Mngt.



Alina Development (UX & design)

Carsten Andersen **Development lead**



Olexander Development (Backend)



Mike Development (Frontend)





Chairman: Ole Strange (Investor)

- US Country Manager Ambu A/S .
- CEO Dansac A/S .
- Chairman OJ Electronics A/S .

BM: Søren Vang Hansen (Investor)

- PA Consulting Group, IBM, Ernst & Young etc. • BM: Jes Henningsen Doctor Physics & PhD (Investor)
- University of Cph, Uni. of Maryland etc. .

Group of eight BA's with multiple investments





THE PROBLEM

Problem: One in five hospital patients are mal nourished and the same applies for nearly half the residents in nursing homes and elderly receiving meals from the municipality

Consequence: Mal nourished elderly are committed to hospital twice as often and stay four times as long as the average patient – and require significantly more support after hospital admission



Cause: The primary nutrition challenges are the lack of focus, knowledge and resources in the health care system

Effect: Mal nourishment reduce the effect of both hospital treatment and rehabilitation significantly



MINMENU – HOLISTIC APPROACH

MinMenu has been developed in corporation with researchers from Herlev Hospital, Copenhagen University and the Capital Region of Denmark. The solution has been clinically tested in multiple research projects.

MinMenu optimises care by offering food which automatically comply with care plans and nutrition guidelines for people with special dietary needs.

MinMenu improves self mastery, physical health and quality of life for people with nutritional challenges.

MinMenu supports effective treatment reducing the risk of frequent and costly hospital readmisions.





MINMENU – HOLISTIC APPROCH





Patients & relatives

Health and Quality of Life

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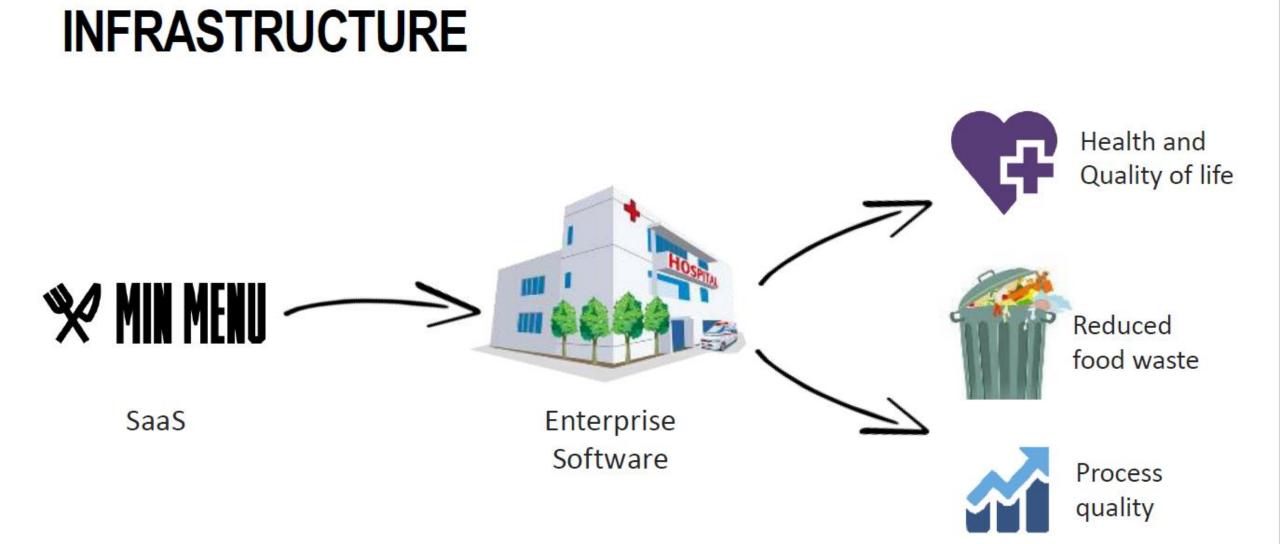
Nurses & dieticians

- Realtime overview
- Mal nutrition & dehydration not on my watch!

Value **Kitchen** Food waste









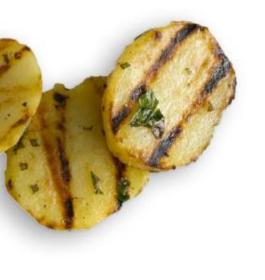
CASES – DOES IT WORK?

Gødstrup Hospital (Production)

25,000 orders / month 80,000 dishes / month

Odense Municipality (Production) 1,100 citizens – Meals on Wheels 125 carehomes – 1,500 citizens 12 kindergardens





THANK YOU

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www.movesca.com www.minmenu.com





Open Talk



Wrap Up & Closing



Next activities

Global Foodture mission Thailand, 22 - 26 May

Including company visits, matchmaking, networking, visiting the Thaifex Anuga



Online Activities

- 5 April International Training Program & Matchmaking Singapore
- 20 April Workshop 7: Plant-based and alternative proteins, new ingredients: source of innovation
- 11 May

Workshop 8: Importance of food waste reduction in the supply chain and valorising side streams like brewer spent grain

Matchmaking Events

- Prepare for the event by improving your profile
- Fill in the Marketplace
- Browse through the Participants and/or Marketplace
- Find relevant meeting partners
- Request meetings or be booked for meetings
- Wait for acceptance sometimes also no thank you
- Have the meeting on the day





Matchmaking beyond events

Long term matchmaking

- You can book and have meetings beyond the dedicated events throughout the entire period from October 2022-October 2023.
- Eg. You e-meet a participant at one of the workshops or trainings, then you through your profile then request a meeting with the person. Wait for a reply and if positive, then book and have the meeting





Thank you and see you around For more events, visit the Global Foodture community platform



