Me, My Health and My Food profiling Finland

Personalized eating solutions, ecosystems and export

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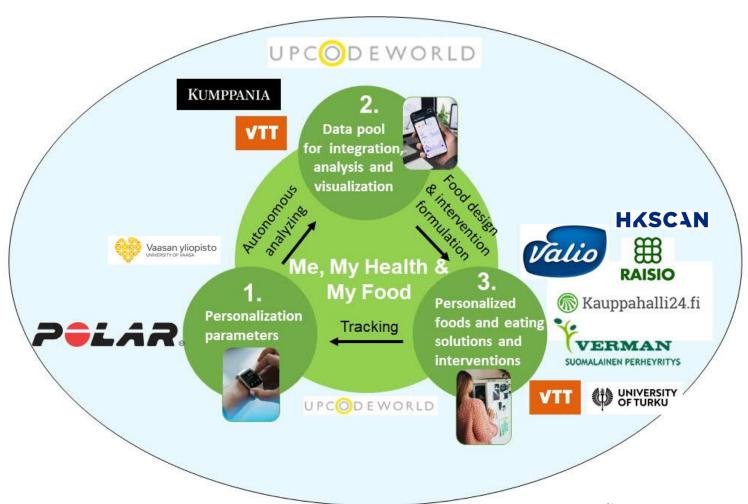
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Ecosystem development, business & export models







'Me, My Health and My Food' we pave the way for creating personalized food and eating solutions

We explore and develop personalised eating solutions and services with high consumer interest and business potential for Finnish companies.



Personalized nutrition - Background

Even identical twins respond the same food differently*.

PN, based on dietary intake, is more effective than general dietary advice in changing dietary behaviour and in weight reduction**.

So, why force a one size fits all approach to our eating and diet?

*Based on a large-scale nutrition research project ('PREDICT'), utilizing a registry with 14,000 twins with a 25-year investigation of health and lifestyle at King's College London.

Berry et al. 2020. Human postprandial responses to food and potential for precision nutrition. Nature Medicine 26, 964-973.

**Based on a large Food4Me EU-funded study (several publications).





Personal data enables personalized nutrition/eating/food solutions - Examples

Plenty of personal health and wellbeing data, in different sources



Physical activity



Sleep



Diet/allergies/ intolerances



Medical diagnoses



Values and preferences



Blood, saliva, stool analyses (biochemistry, genetics, microbiome)



anthropometric measures



Purchase data

Personal data is used for different solutions and services



Nutritional strategies to impact gut microbiota & immune system: the biotics



PREBIOTICS:

Substrates that are selectively utilised by host micro-organisms conferring a health benefit



PROBIOTICS:

Live micro-organisms, which when administered in adequate amounts, colonise the gut and exert beneficial biological effects on the host

SYNBIOTICS Fermented foods



POSTBIOTICS:

Inactivated microbial cells and bioactive compounds produced by micro-organisms during a fermentation process

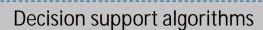


Solutions to be demonstrated by VTT

VTT

Use case 1: FOOD MADE FOR I Use case 2:
FOOD
RECOMMENDED
FOR ME













Personal profile based on personal data from different sources

recommendation request with personal profile data



recommendation





Targeted food production based on health promoting ingredients (plant-based proteins, dietary fibres, pro-, pre-, synbiotics).









MeHeFo ECOSYSTEM

KPIs in 10 years from now





Modular



Business models



Targets markets such as The Nordics, UK, Spain, Japan



OPPORTUNITY
WE AIM TO CREATE

MeHeFo Ecosystem Actors cracking the code of personalized health



10 years perspective: Segmenting Consumers, Profiling the Users



10 years perspective:
Automated food services
need/supply



10 years perspective: VALUE OF FOOD



10 years perspective:

VALUE OF

CONVENIENCE

Shortening of everything?

Thank you!

On behalf of the Me, My Health & My Food consortium





