BUSINESS, CITIZENS AND CONSUMERS: PERSPECTIVES ON CIRCULAR BIOECONOMY

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MAPP CENTRE

Department of Management (MGMT)

Aarhus School of Business and Social Sciences (BSS)

Aarhus University

- ☐ mgmt.au.dk/mapp
- ☐ mgmt.au.dk/
- ☐ linkedin.com/company/mappcentre/







MAPP CENTRE



25-30 full- & part-time members



> 30 years of experience

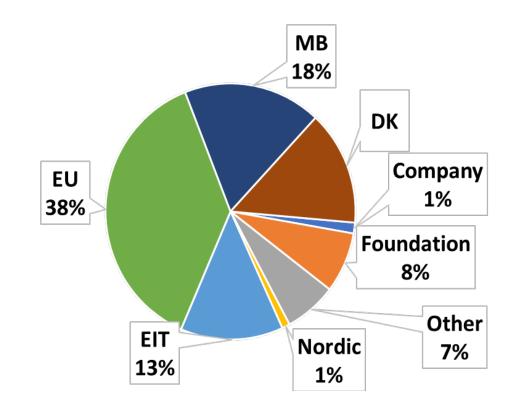


Consistently involved in large EU, national, or Nordic projects



High quality scientific publications

External research funding sources at MAPP 2018-2023









MAPP CENTRE: MISSION & APPROACH

- ☐ MISSION: High quality research
 - to generate relevant insights into customer behaviour in the area of food and drink,
 - to analyze the implications of such insight for industry and public policy,
 - to improve market-orientation, innovativeness, competence, and respond to health and sustainability challenges.



□ APPROACH: Background in marketing - interdisciplinary orientation - with borderlines to psychology, agricultural economics, sensory & food science, a diversity of methods.





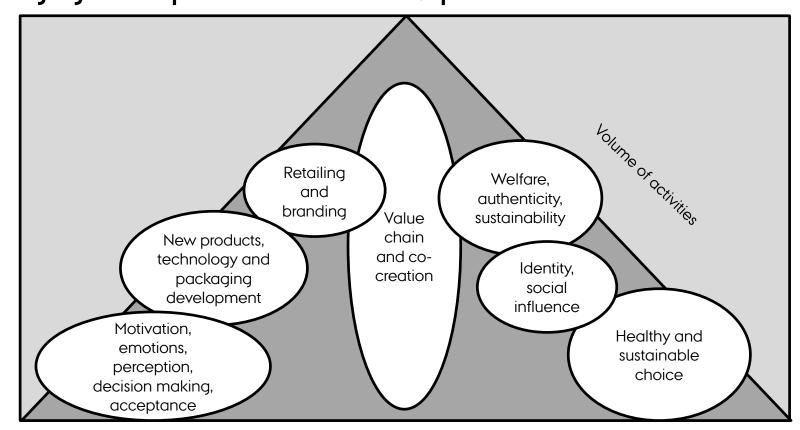
MAPP CENTRE: RESEARCH AREAS

Bridging across private/commercial & public/societal stakeholders

Food systems approach Industry

Farm

Consumers





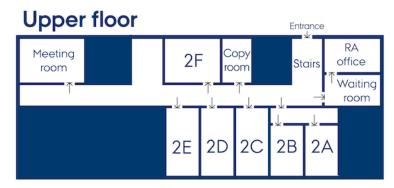


FACILITIES: COBE LAB AT BSS

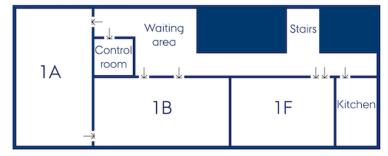
BSS facilities for research on human perception, decision making and behaviour

- Virtual reality supermarket
- Computer labs with 32 stations combined
- Rooms dedicated to eye tracking experiments
- Three rooms apt for individual desktop tasks, amongst others experiments using EEG without electrical interference
- Two flexible lab rooms to use for VR, workshops, presentations, and more
- Kitchen, Participant waiting areas





Basement







PROJECT EXAMPLES





Waste-to-Value

MGMT.AU.DK/MAPP/PROJECTS











Hybrid Meat









OATPRO

SUSFOOD-DB-ERA.NET/MAIN/CONTENT/OATPRO-







Engineering of oat proteins: Consumer driven sustainable food development process



There is a global need to increase plant protein consumption. Availability of sustainable plant protein ingredients could be increased by finding novel sources of protein or by efficient valorisation of the existing ones. Cereal processing side streams are underutilised despite their high content of health promoting valuable components such as dietary fibre, protein and bioactive compounds.

The OATPRO project aimed to further valorise an oat processing side stream as plant protein ingredient and develop not food applications taking into account consumer preferences. Technological properties of oat protein ingredients and applicability are tailored towards high sensory functionality.















AARHUS UNIVERSITY









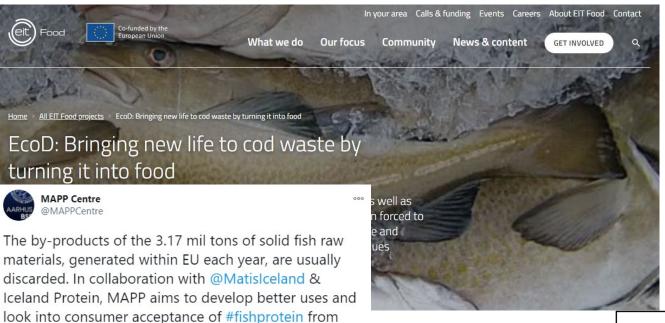


ECOD

these by-products

EITFOOD.EU/PROJECTS/ECOD-BRINGING-NEW-LIFE-TO-COD-WASTE-BY-TURNING-IT-INTO-FOOD





Do we want to eat food with protein from cod waste?

Cod waste can be transformed into high quality fish protein, which can be added to our food products and thereby contribute to both our health and the circular economy. But are we willing to eat food enriched with cod protein? Researchers from the MAPP Centre at Aarhus University are looking into the matter in a new EIT Food study.

2020.12.14 | LISE BUNDGAARD

You want to look good and impress others. This product will help you attain this goal.













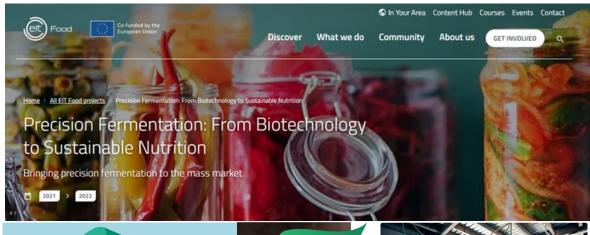




PRECISION FERMENTATION

EITFOOD.EU/PROJECTS/PRECISION-FERMENTATION-FROM-

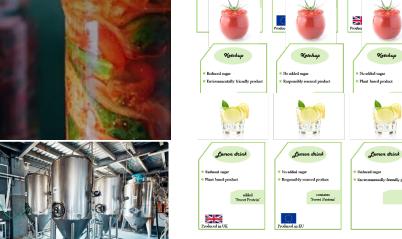
BIOTECHNOLOGY-TO-SUSTAINABLE-NUTRITION

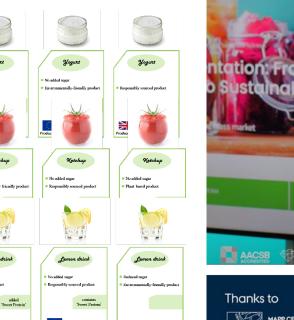












Youtube: https://youtu.be/hYiksTOlloQ

BBC Inquiry Podcast:

https://www.bbc.co.uk/programmes/w3ct39v5

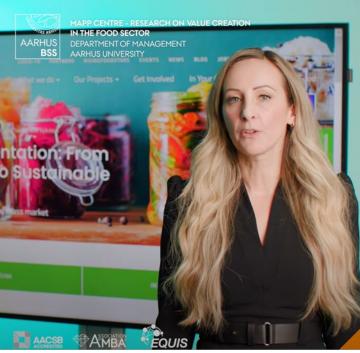




















BUSINESS, CITIZENS AND CONSUMERS

Transformation towards a biobased society require collaboration from all stakeholders We at MAPP/MGMT can contribute to above by:

- Enabling market potential of concepts, products and services to be developed and tested in an early stage with companies, policymakers, citizens, and consumers
- Engaging stakeholders across sectors to allow for efficient collaboration towards the sustainability goals of the biobased society
- Discovering circular and industrial ecology business models and innovations to capture value and have the potential for scalability
- Determining and communicating innovations and ideas on circularity in a biobased society to value chain actors, such as producers and processors, citizens, and consumers
- Educating stakeholders about the food system and collaborate for and societal acceptance of a biobased society
- **.**..

Thank

you!



20 April 2023 - 09:00-11:00

PLANT-BASED AND ALTERNATIVE PROTEINS, NEW INGREDIENTS: SOURCES OF INNOVATION



https://www.linkedin.com/posts/globalfoodture_linkedin-activity-7052245010053775360-lmCc?utm_source=share&utm_medium=member_desktop

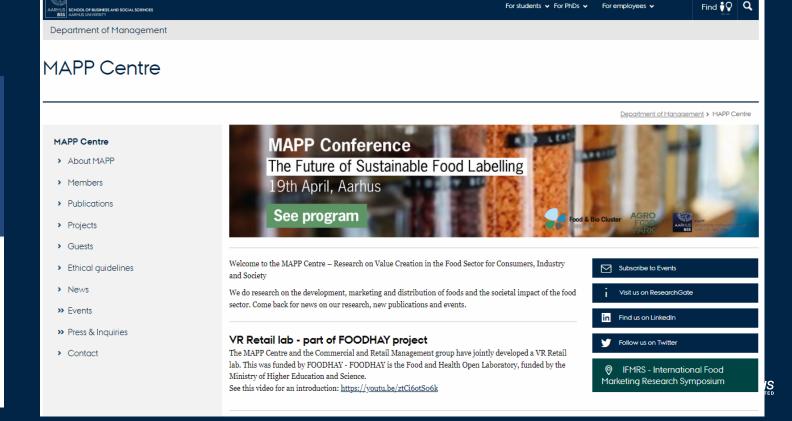
FOR MORE INFORMATION:

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DEPARTMENT OF MANAGEMENT WWW.MGMT.AU.DK/

AARHUS BSS: WWW.BSS.AU.DK/EN/

AARHUS UNIVERSITY: WWW.AU.DK/EN/





MAPP - RESEARCH ON VALUE CREATION IN THE FOOD SECTOR

DEPARTMENT OF MANAGEMENT AARHUS UNIVERSITY

