



Eileen Gibney

Chair of HDHL & Director UCD Institute of Food and Health, Professor of Nutrition





Eileen Gibney
Chair of HDHL
UCD



Edith Feskens
Vice-Chair of HDHL
WUR



John Mathers
Chair of HDHL AB
Newcastle University



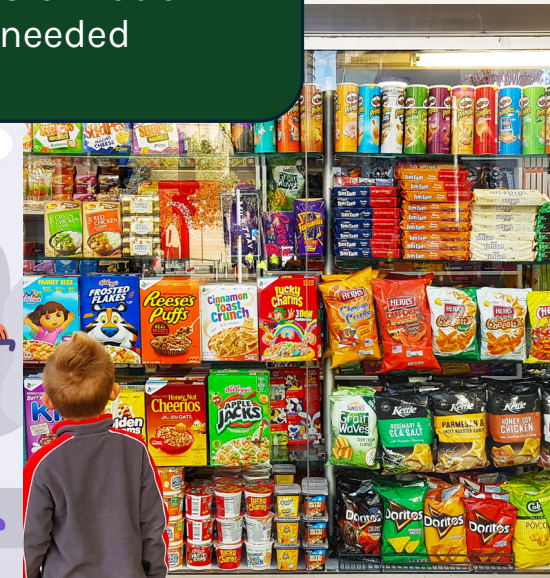
Laura Fernandez
Chair of HDHL AB
EUFIC

What Challenges Do Our Food Systems Face?

No central governance

Transformation needs
multi-stakeholder
engagement

Radical
transformation
needed



Non-Communicable Diseases (NCDs) and Diet



+++ Commercial determinants of noncommunicable diseases in the WHO European Region +++

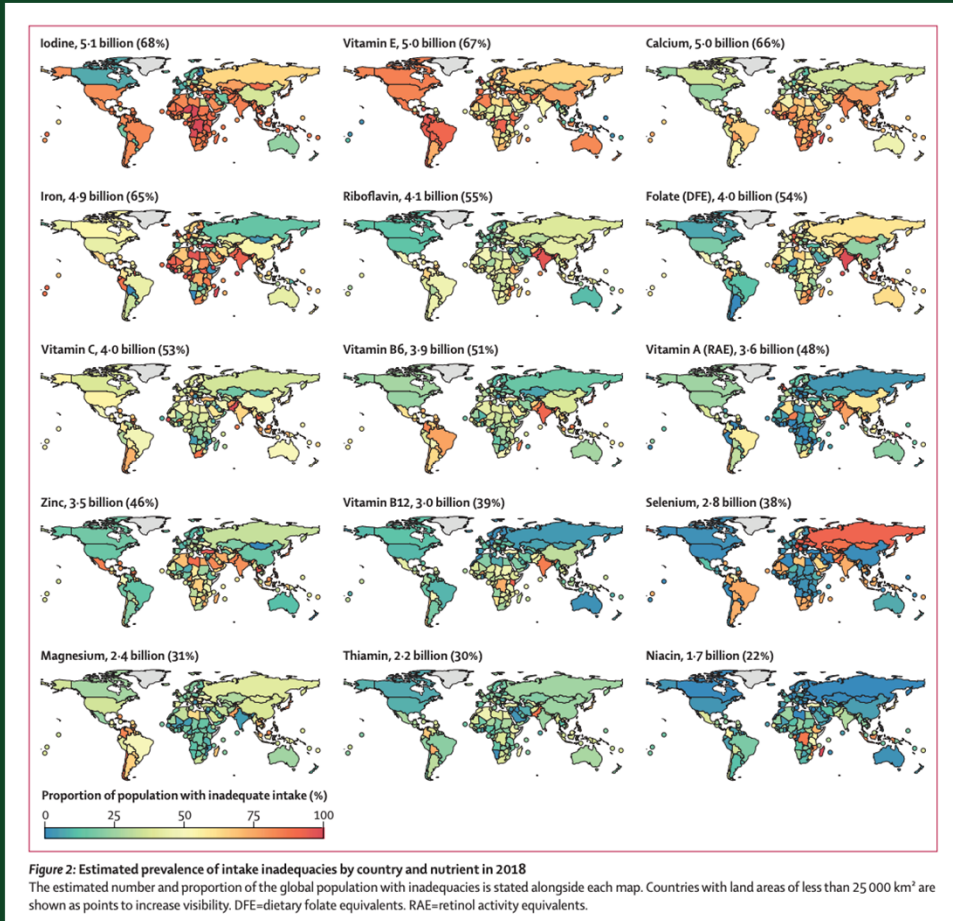
- NCDs responsible for 90% of deaths in the WHO European Region
- Four major commercial products
 - alcohol,
 - tobacco,
 - processed food and beverages,
 - fossil fuels

Table 1. Estimated annual number of deaths attributed to four commercial products (tobacco, alcohol, food and fossil fuel) and commercial practices in the WHO European Region, 2021

Industry sector	All causes of deaths (mean value)	
	Number	Percentage
Tobacco	1 151 575	10.37
Alcohol	426 857	3.84
Diet high in processed meat	117 290	1.06
Diet high in sodium	252 187	2.27
Diet high in sugar-sweetened beverages	15 606	0.14
Diet high in trans fatty acids	6 056	0.05
Fossil fuel (ozone pollution and particulate matter pollution)	578 908	5.21
Occupational risks	174 732	1.57
Total deaths attributed to commercial products and practices in the WHO European Region	2 723 211	24.5

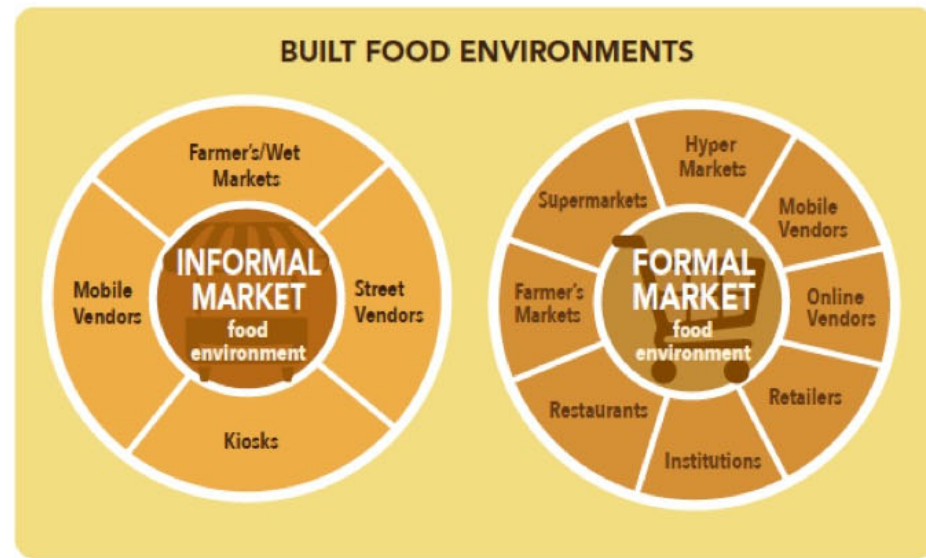
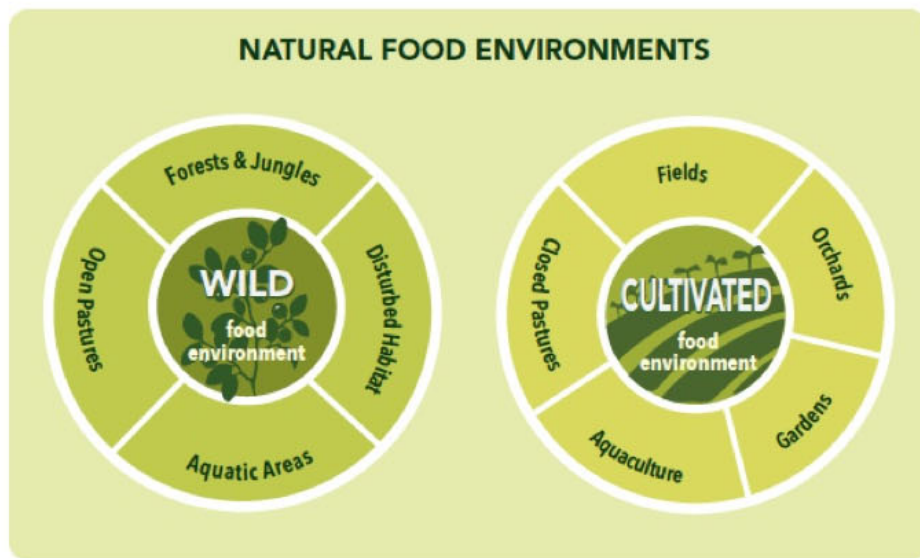
Source: Global burden of diseases, 2021 estimates (2)

Malnutrition Deficiency



Passarelli, S., Free, C.M., Shepon, A., Beal, T., Batis, C. and Golden, C.D., 2024. Global estimation of dietary micronutrient inadequacies: a modelling analysis. *The Lancet Global Health*, 12(10), pp.e1590-e1599.





Food Environments

Downs SM, Ahmed S, Fanzo J, Herforth A. Food Environment Typology: Advancing an Expanded Definition, Framework, and Methodological Approach for Improved Characterization of Wild, Cultivated, and Built Food Environments toward Sustainable Diets. *Foods*. 2020; 9(4):532. <https://doi.org/10.3390/foods9040532>



Healthy Food Environment Policy Initiatives



Food Composition: Policies to improve the nutritional profile of food,



Food Labelling: Front-of-pack nutrition labels and standardized ingredient information.



Food Promotion: Restrictions on marketing of healthy foods,



Food Prices: Economic levers such as taxes on unhealthy foods or VAT reductions on healthy foods.



Food Provision: Policies governing food served in public settings/ institutions



Food Retail: Regulation of food environments in retail spaces, planning etc.



Food Trade and Investment: Ensuring trade agreements support, rather than hinder, public health nutrition goals.

Djojosoeparto SK, Kamphuis CBM, Vandevijvere S, Harrington JM and Poelman MP on behalf of the JPI-HDHL Policy Evaluation Network. The Healthy Food Environment Policy Index (Food-EPI): European Union. An assessment of EU-level policies influencing food environments and priority actions to create healthy food environments in the EU. Utrecht, Utrecht University, The Netherlands, 2021.



Food Production

OW/Obesity

Food Processing

Hunger &
Malnutrition

Economics

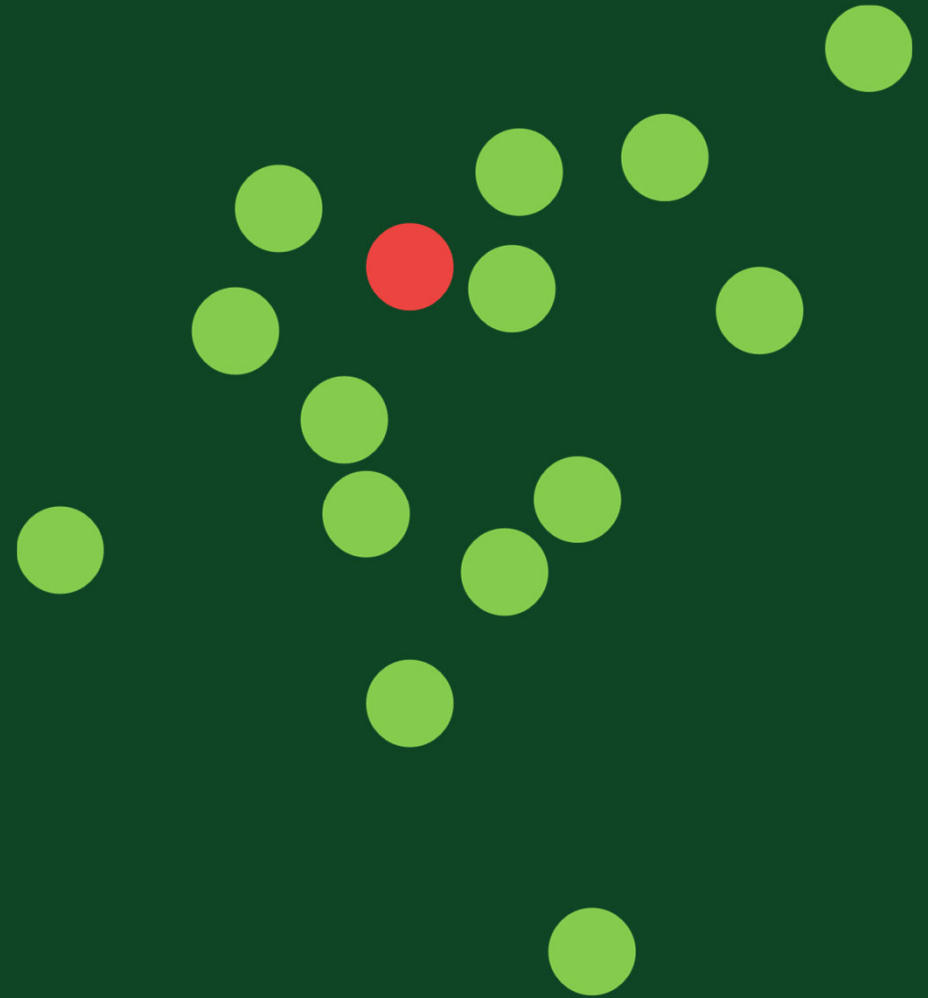
Food Environment

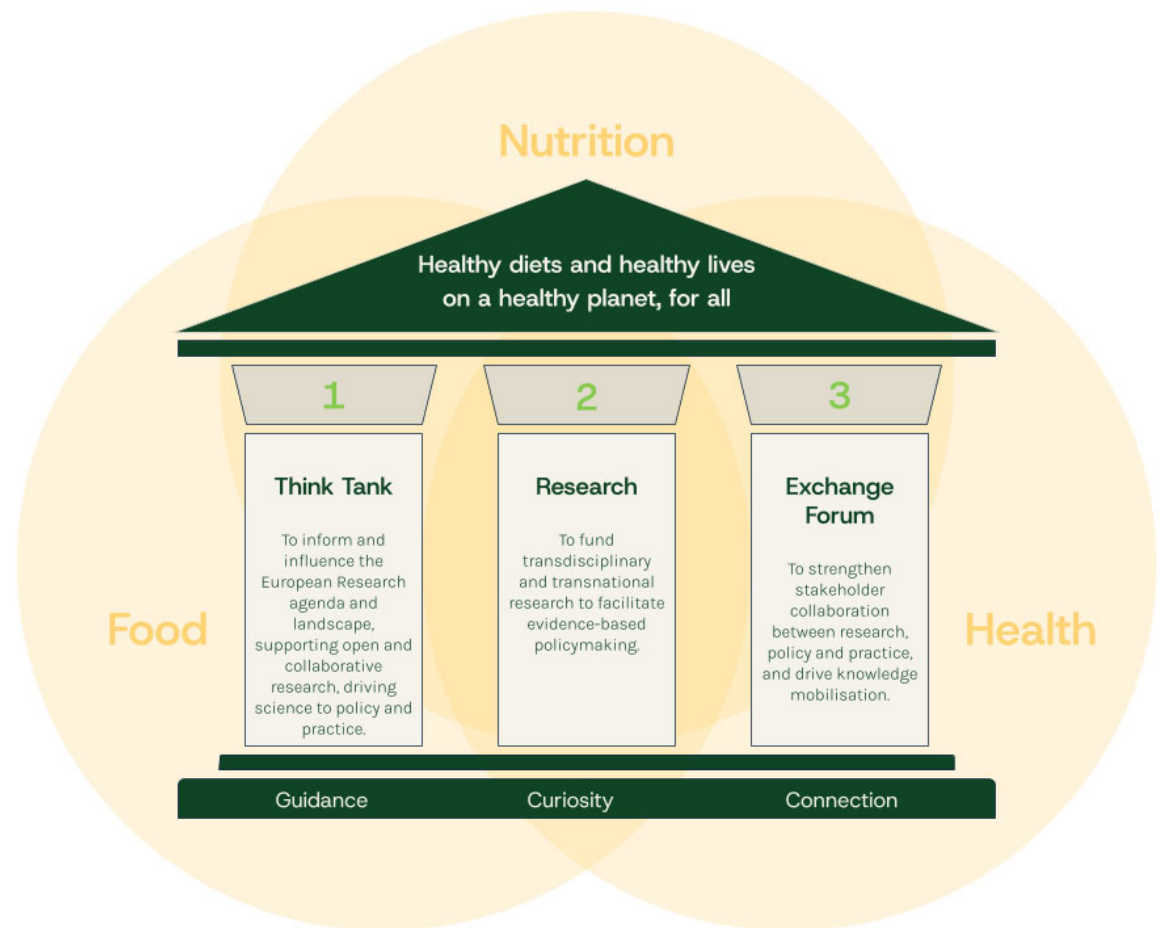
Food Insecurity

Logistics

Commercial
Determinants of Health

Connecting food and health





Solutions & Actions



Sector	%
Academic / Researcher	31%
Industry / Private sector	7%
NGO / Non-profit / Civil society	24%
Other	7%
Policymaker / Government	13%
Early-Career Researcher	18%

Countries
Netherlands Hungary Germany Belgium France Norway United Kingdom Portugal United States Poland Italy Denmark Sweden Spain UAE Switzerland Ireland Canada Ghana Serbia DR Congo Czech Republic

Who is in the room?





Maria Scordialos
Facilitator
Art of Hosting



Martin Krayervon Krauss
Facilitator
Art of Hosting

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