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Adaptation of the BIA-Obesity framework to assess the role of the food industry in addressing the double burden of malnutrition

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Purpose

- The Business Impact Assessment on Obesity and population level nutrition (BIA-Obesity) is a framework developed by the International Network for Food and Obesity/Non-communicable Diseases Research, Monitoring and Action Support (INFORMAS).
- The aim of BIA-Obesity is to systematically assess and benchmark formal food industry policies and action and to develop evidenceinformed recommendations for food industry actors.
- The term 'double burden of malnutrition' (DBM) describes the coexistence of various forms of malnutrition within an individual over the life course, at the household level or in communities or entire populations.
- As BIA-Obesity focuses on obesity and unhealthy diets, it is the objective of this research to adapt this framework for countries facing a DBM.

Expected results

- Compared to similar frameworks, the adapted BIA-Obesity framework will:
 - Be less resource intensive and more easily implementable in countries affected by a DBM (staged approach).
 - Assess the entire range of the formal food industry (food wholesalers, food and beverage manufacturers, food retailers, caterers, and quick-servicerestaurants) producing a comprehensive picture of its role in addressing the DBM.

Methods

- A scoping review to identify and map recommendations for and best practices by the formal food industry to address undernutrition and food insecurity (in isolation or as part of broader strategies to address the DBM).
- Inclusion criteria:
 - Study designs: any form of academic and grey literature
 - Population: individuals of any age with undernutrition, with or without other co-existing forms of malnutrition
 - Concept: recommendations and/or best practices and/or lived experiences of the formal food industry
 - Context: any context (e.g. country, community) where formal food industry actors operate and where a relevant burden of undernutrition/DBM exists
- We will use the results of the scoping review to adapt the BIA-Obesity framework to the DBM by adding, revising, and potentially removing existing indicators to the currently six domains (see Figure 1) based on a Delphi survey with relevant experts.

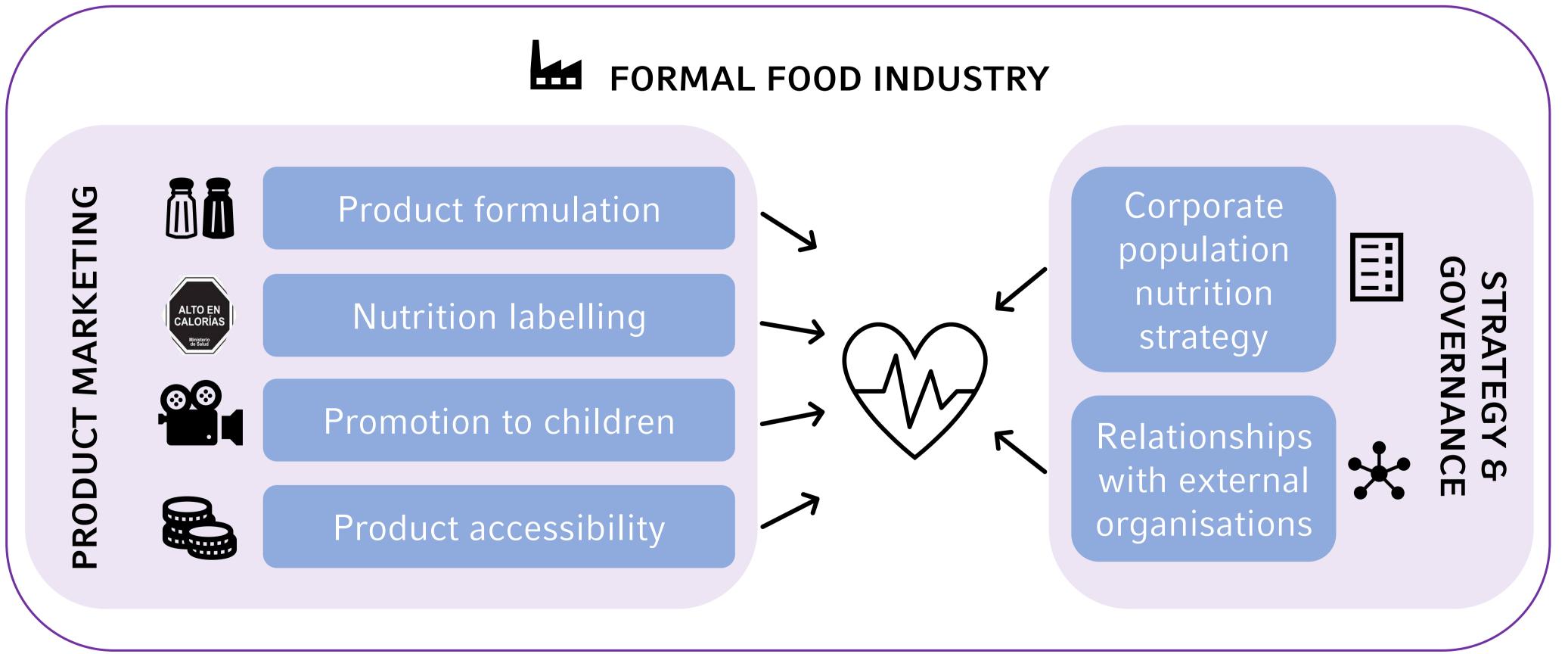


Figure 1: Commercial determinants of population nutrition – current domains of the INFORMAS BIA-Obesity framework (own illustration, based on Sacks G, et al. 2019)

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