

A SYSTEMS APPROACH TO ADDRESS NUTRITION-RELATED INEQUALITIES IN BELGIUM

AUTHORS

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INTRODUCTION

Individuals' dietary behaviour is concentrated on nutrient-poor food and beverages, which magnifies persisting health inequities, as vulnerable groups are more exposed to and susceptible for unhealthy food environments. Approaches addressing individual behaviour do not acknowledge the complex interplay of factors that are at the root of this dietary behaviour, creating the illusion that individuals are solely responsible. Participatory methods with citizens and stakeholders are key to create a comprehensive overview of and gain insight into the factors underlying this dietary behaviour.

Setting



20% is 20-30 years

20% is 65+

27% social housing

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OBJECTIVE

This study aimed to identify factors and underlying mechanisms related to healthy dietary behaviour among people in vulnerable socio-economic situations in Gent, Belgium, and discuss leverage- and action-points to facilitate balanced diets.

METHODOLOGY

Three group model building sessions were organized with:

- (1) professionals working on health and/or equity;
- **(2)** individuals from a vulnerable neighborhood;
- (3) the two groups combined.

The first two sessions were aimed at identifying factors that influence dietary behaviour and creating causal loop diagrams. The factors were clustered around common themes, laying down sub-systems within the diagram. The last session was focused on exploring leverage- and action-points to facilitate healthy dietary behaviour.

RESULTS

Seven sub-systems were identified. The sub-systems cover the most important areas that form barriers towards healthy dietary behaviour. The factors were connected throughout the different sub-systems, as depicted in the section of the diagram. For example, the sub-system on the commercial environment (blue), is connected to psycho-social factors (yellow), and transport, logistics, and economy (green).

In total, 28 action-points were formulated. For the stakeholders, this was mostly related to policy, food on offer, and increasing knowledge and skills. While for the citizens, they focused on access, promotions, and food choices. Both groups iterated the importance of community projects.



- The commercial and physical environment
 Price accessibility
- 2. Transport, logistics, and economy Financial situation, bulk
- 3. Food-related knowledge, choices, and skills Convenience in preparation
- 4. Demographic factors
 Family, living situation
- 5. Social and community assistance
 Visibility of local initiatives
- 6. Psycho-social factors
 Stress, norms and values
 - 7. Policy and political influences
 Curriculum, policy and politics

Citizens

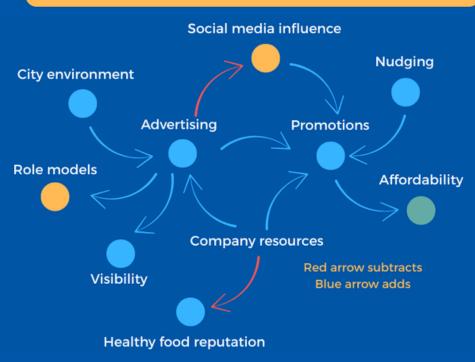
Promoting and increasing the solidarity society

More social restaurants, longer opening hours of initiatives,
and promote cooking and coming together around meals.

Stakeholders

City policy

Coordinating policies at city and local level, address advertising and food offer at events, and include healthy food provision in program proposals.



CONCLUSION

The connection of the different sub-systems illustrated the inter-linkage of the factors that might lead to (un)healthy dietary behaviour. Individuals' behaviour is influenced by the interplay of political, psycho-social, financial, and commercial elements.











