



UNIVERSITAT
POLITÈCNICA
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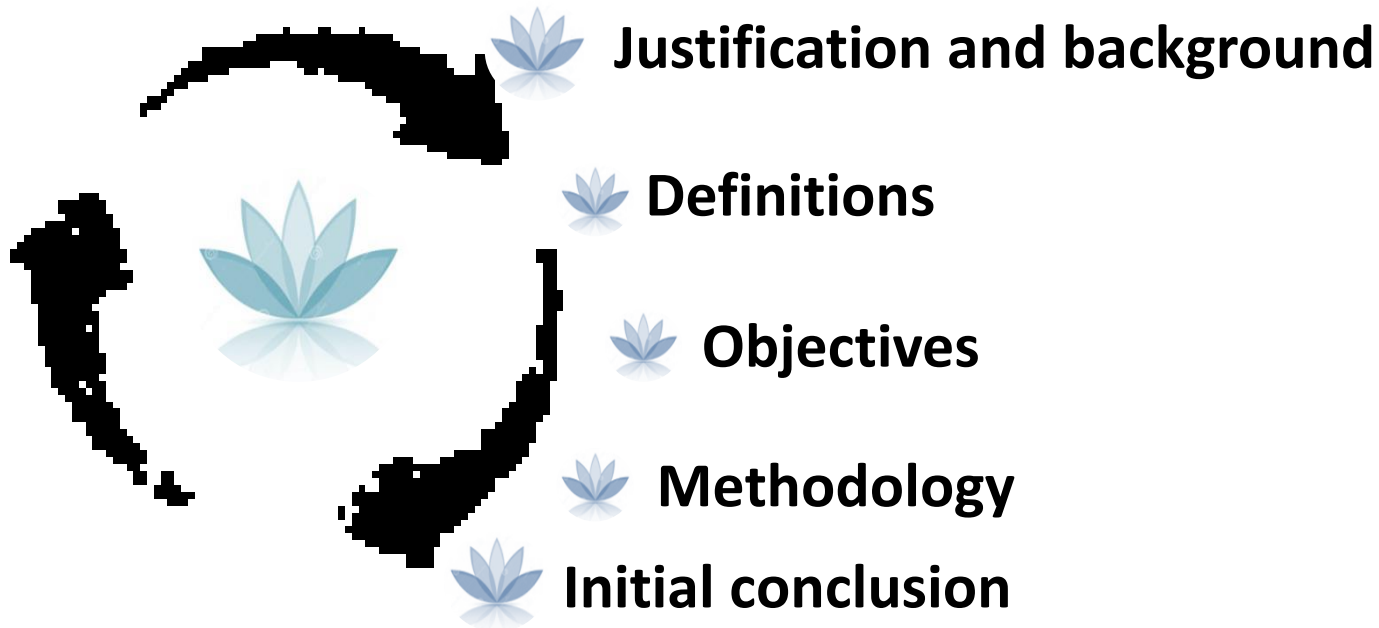
Integrating sustainability into multi-criteria assessment of urban dietary patterns

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contents



Justification and background

The most prominent issues of cities in the 21 century are:

Urbanization

Sustainability



Problems related to Urban areas such as:



Food insecurity



Increasing urban
population



Poverty



Rising food prices

By understanding the dimensions of a sustainable diet, the importance of orienting urban food systems can be emphasized through:



Addressing the most sustainable local or national dietary patterns for schools, hospitals and urban citizens.



Addressing the benefits of urban agriculture as the key of strengthening urban food systems.

Definitions

Dietary patterns

The quantities, proportions, variety or combination of different foods, drinks, and nutrients in diets, and the frequency with which they are habitually consumed

Sustainable diets

low environmental impacts

healthy

affordable

Socially and culturally acceptable

Urban agriculture

Crop production and animal husbandry from small plots (empty plots, backyard gardens and house terraces) within the city

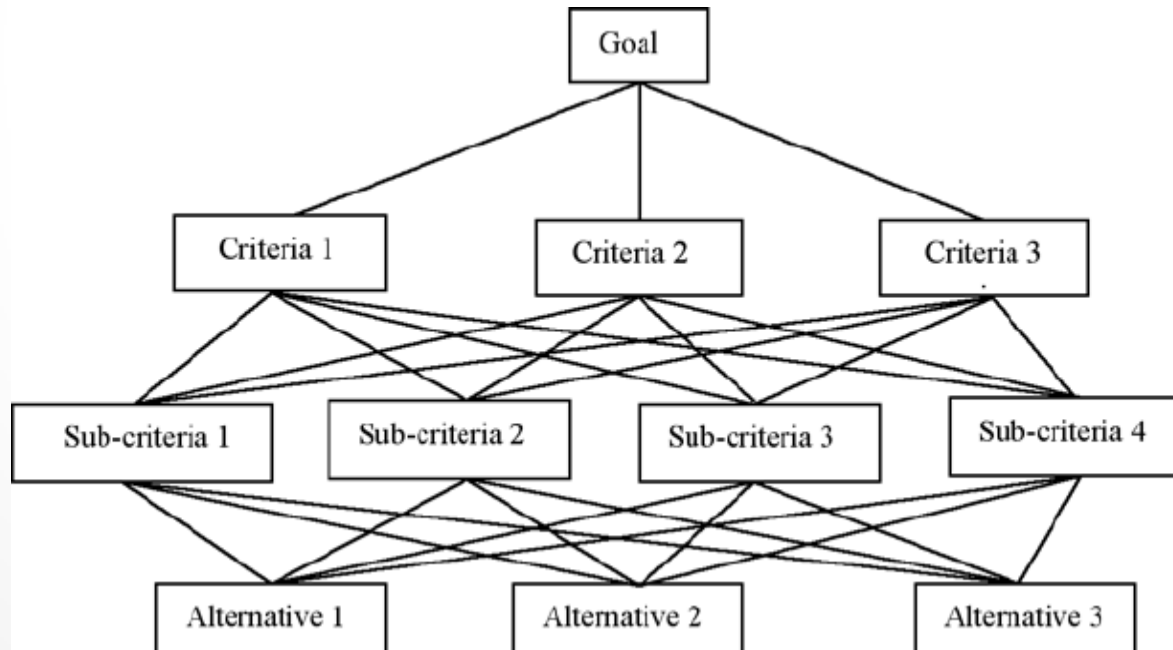
Objective

providing the food-policy makers with multi-criteria assessment for nutritional diets taking into account the four dimensions which can be considered the basis for choosing alternatives that guide food consumption targets for different social groups at the local level.

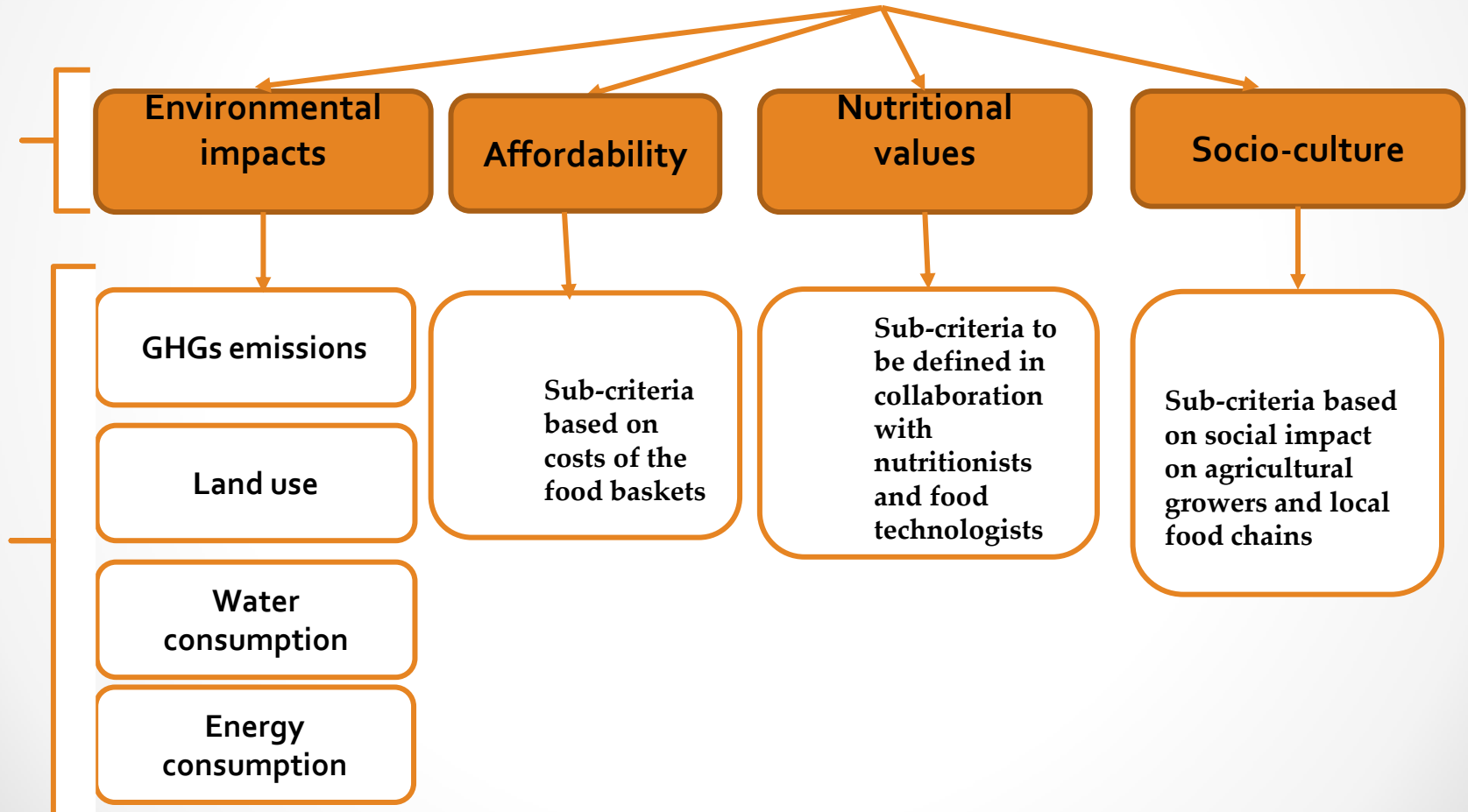
Methodology

applying a multi-criteria approach to assess the sustainability of different dietary patterns with respect to all sustainability dimensions.

The method relies on **AHP** (Analytic Hierarchy Process),



Methodology



Initial Conclusion

URBAN FOOD POLICIES SHOULD:

1

Provide sustainable access to water, land and energy with accepted limits of consumption.

2

Minimizing harmful consequences of the production such GHG emissions.

All for developing sustainable and healthy diets that move on from the classical approach in order to improve the quality of life and safeguard the ecosystem services.

TO BE CONTINUED

THANK YOU FOR YOUR
ATTENTION

