

## IO5: DECISION - MAKING BASED ON CONFRONTING SCIENTIFIC POSITIONS

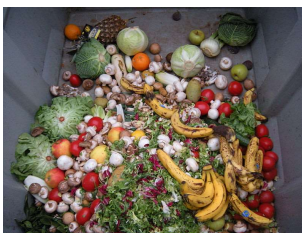
*Decision-making based on confronting scientific positions  
on the example of food provision for the world*

### Learning Outcomes

- Different strategies for decision-making
- Understanding of decision-making process
- Examples of decision-making strategies connected with food-world
- Reflection on specific characteristics of decision-making strategies and their relation to STEM
- Beliefs on decision-making in relation to food market and their influence on human being
- Examples of own decision-making cases from everyday life connected with food consumption
- Skills to compare different ways of dealing with decision making
- Reasons for including decision-making in science education
- Experience in decision making in classroom teaching: an example with food topic for use on secondary level
- Reflections on what students learn when dealing with such a task
- Readiness to include decision-making in day-to-day teaching
- First introduction into pedagogical concepts for dealing with topic decision making



Bio-fruits <https://www.freshbednyky.cz/banany-na-smoothie-bio-p0502266>



Food overproduction and waste [https://en.wikipedia.org/wiki/File:Trashed\\_vegetables\\_in\\_Luxembourg.jpg](https://en.wikipedia.org/wiki/File:Trashed_vegetables_in_Luxembourg.jpg)



### Type of activities

- Working with information sources
- Brainstorming and brain writing activities
- Story telling as support of communication
- Role playing as support of communication
- Practical (incl. experimental) activities as evidence based (science) communication



### Food in ..... context

(choice one of next context: (1) Sensory assessment, (2) Content assessment, (3) Tradition in use, (4) Advertising influence, (5) Following the leaders, (6) Packaging and Branding, (7) Costs limits and (8) Own beliefs about



Palm oil production <https://www.csedcrunch.cz/2020/05/plantaze-palmoveho-oleje-decimiji-zemi-bill-gates-proti-investici-do-olejove-nahrazky-iz-lze-vyrabet-laboratorne/#gallery-132549-1>



Molecular food <https://gastroraz.cz/molekularni-gastronomie/>

