

Novel food



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5^A sala

Introduction

The background of the slide features a top-down view of several white ceramic bowls and trays arranged on a light-colored wooden surface. Each container holds a different type of food product, showcasing a variety of colors and textures. Notable items include bright red goji berries in a central bowl, a vibrant green powder in a bowl at the top right, golden-brown granules in a bowl at the top center, and various shades of brown and tan powders and seeds in other bowls. The overall composition is clean and organized, emphasizing the diversity of novel food products.

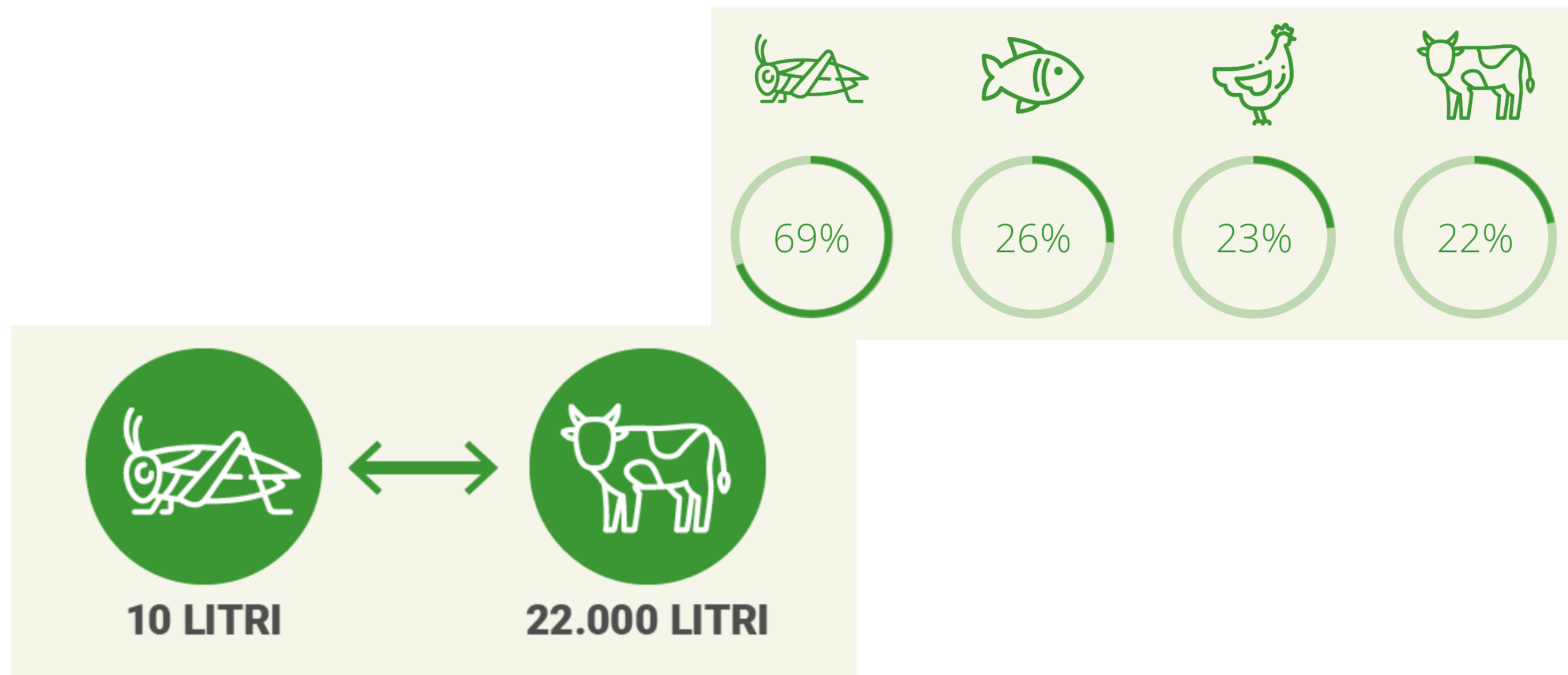
Novel foods are those products that weren't common in human consumption before 1997.

A novelty of Novel foods is the centralization of the authorization request.

Can offer important nutritional benefits and promote environmental sustainability.

Categories of Novel food

- ★ Produced from new natural matrices (algae and such)
- ★ Composed of engineered nanomaterials
- ★ With a new or intentionally modified molecular structure



Disadvantages and vantages

The disadvantages are instead that the possible food risks deriving from the consumption of insect and their breeding

The benefits of the Novel food contain more than 65% complete protein.

Cricket need 0.05% more water than bovine to produce same amount of protein.

Company which producesse the typology of Novel food

The Italian Cricket farm is the largest insect farm, they breed crickets, mealworms and caimans.



Italian Cricket farm

We imagined a biofarm for the production of crickets, later harvested, dried and processed into a protein flour for animal feed and beyond.