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NUTRIS

Better together

Varazdinska 68 | Novi Senkovac, CROATIA | www.nutris.hr

THE WORLD WE WANT TO LIVE IN

We want to live healthy and to help preserve the planet Earth, by developing sustainable business and living model for the third millennium, **model of plant-based nutrition** and zero carbon footprint.

We want to **boldly go where no one has gone before.**

To innovate, improve and envision processes that will allow sustainable growth and development of the company that will make us the most valuable player at the global plant-based products market.



NUTRIS was established in 2019, on the land which used to be a pig farm, with **pure commitment** to make the world a better place.

The company offers **NUTRITIVE, INNOVATIVE, AND SUSTAINABLE** concept with focus on plant-based products, using the principals of circular economy.

It includes **NUTRIS.farm™**, **NUTRIS.tech™** and **NUTRIS.me™** subsidiaries.

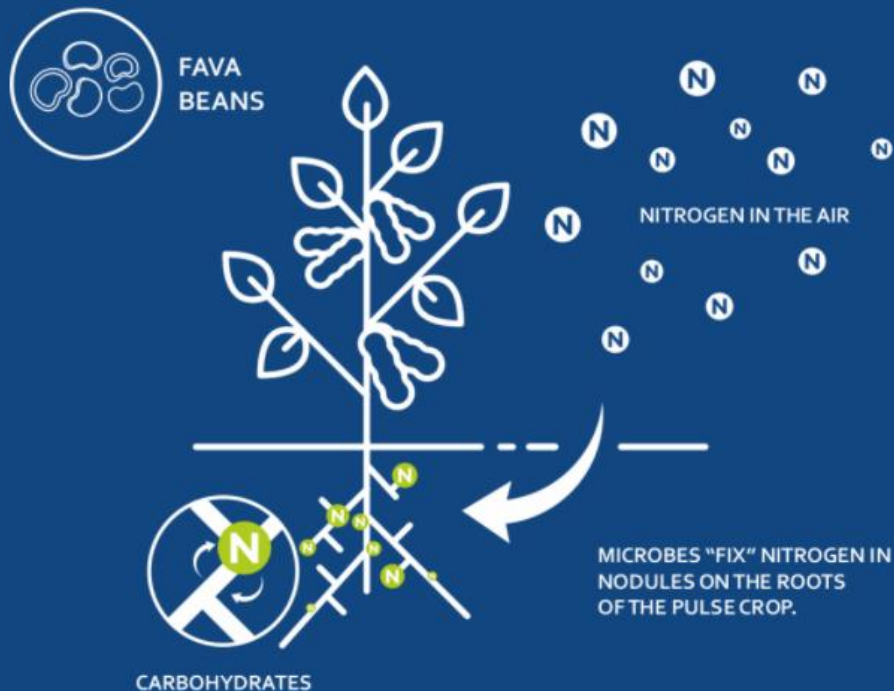


NUTRIS.farm™ is leading organization of the sustainable production of the high yield crops and sustainable seed material, with the purpose of whole plant valorization.

The focus in primary production are fava beans and industrial potato.

The company operates on the principles of classic cooperation, but with significantly changed approach.





Smart fava bean has an important contribution in maintaining the sustainability of agricultural system, as it is highly efficient in the symbiotic fixation of atmospheric nitrogen.

Reduces the need for fertilizer input in arable lands and increases soil biological activity.

Is rich in protein content (up to 35%) and is a good source of many nutrients, such as K, Ca, Mg, Fe and Zn. Also contains bioactive compounds such as polyphenols and carotenoids.



Potato is rich in several essential nutrients that include carbohydrates, protein, vitamin C, vitamin B6, magnesium, potassium, fiber.



Is rich in starch, the major carbohydrate and an agriculturally important commodity with many food and nonfood uses. In human nutrition, starch plays a major role by supplying the metabolic energy that enables the body to perform its functions.



Starch has many useful properties for food and non-food applications, including thickening, coating, gelling, adhesion and encapsulation.

The only hybrid fava bean & potato facility* based in Croatia, implements patented plant processing and state-of-the-art technology.

The patented method processing includes innovative, better, and cleaner production that reduces the impact on the environment, while producing healthy, tasty, and nutritive plant-based proteins, used for the plant-based foods worldwide.

Company focuses on high quality fava beans and potato proteins.

*Facility will be fully functional in summer 2021.





Why plant-based is better?

1 Industrialized animal agriculture is in the top 3 most significant contributors to the world's most pressing environmental issues and is responsible for 11% of the greenhouse gas emission.



2 Deforestation occurs because several thousand acres of land are used for sowing monocultures for animal feed yet only provides 1/3 of the global protein supply.



3 Agriculture has become an environmental burden causing loss of biodiversity, habitat change, land use and soil degradation, climate change, water use, pollution and toxic emissions.



4 Producing 1 kg of animal protein requires about 100 times more water than producing 1 kg of plant protein.



*Sources:
UN FAO, Grossi et al.2019, Notarnicola et al.2015, Pimentel & Pimentel, 2003

Our fava bean and potato proteins are produced with patented technology that ensures gentle fractionation of plant materials into high-value products.

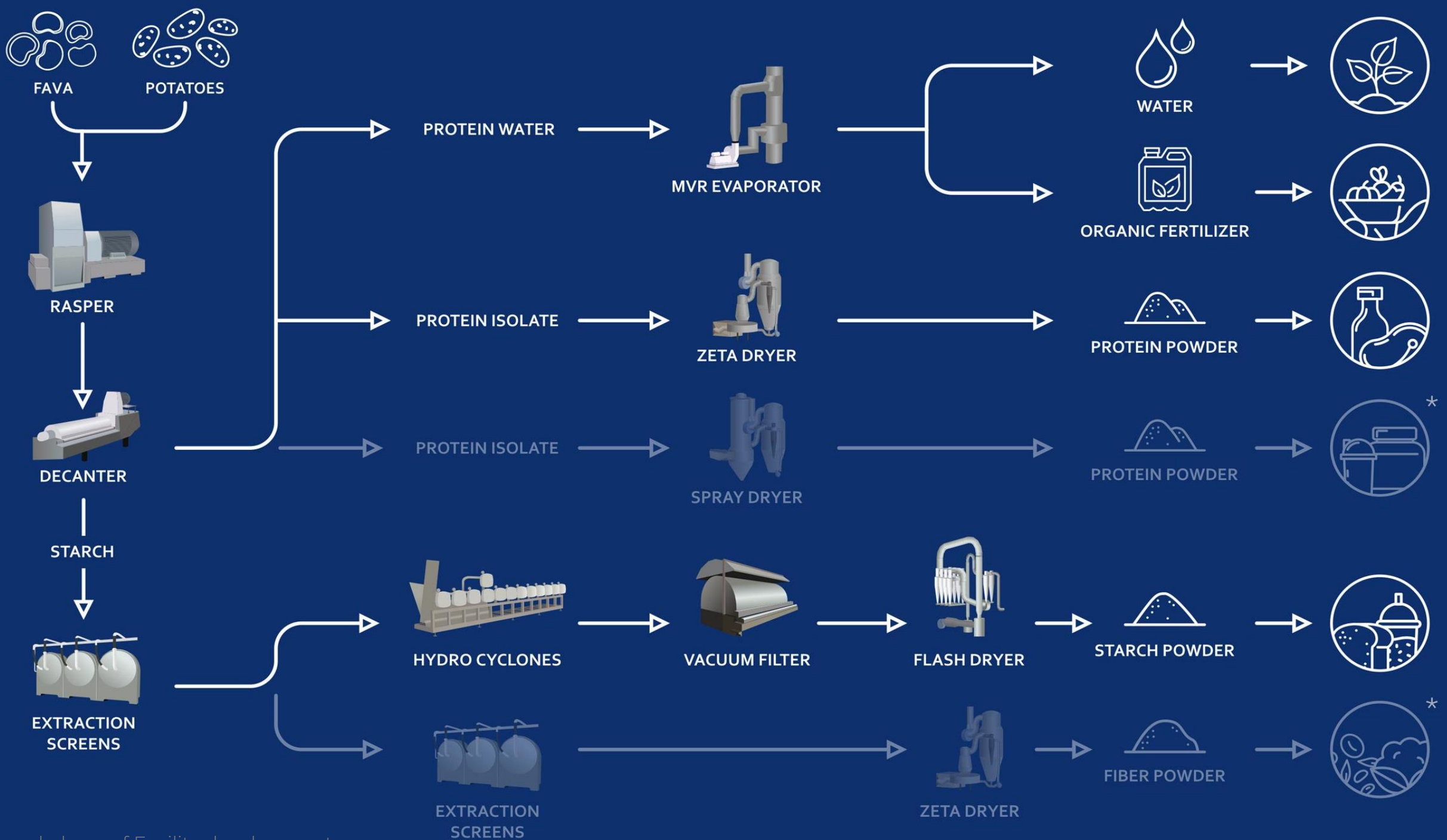
The **ONE-IN-ALL-OUT*** concept involves optimizing fractionation methods to produce native plant ingredients according to the following objectives:

- Producing high-quality protein isolate by gentle bio-fractionation of the fava bean plant materials
- Maximizing utilization of plant raw materials to minimize waste or side-stream production
- Minimized use of core resources, such as water and energy



SiccaDania 

*The new facility is designed according to SiccaDania One-In-All-Out© concept.



*Second phase of Facility development

Our high-quality **NutriSmart** FAVA BEAN & POTATO PROTEIN ISOLATE & STARCH in powder form, are nutritious and functional.

Patented and gentle bio-fractionation of the plant material removes bitterness and many non-nutritional factors, maximizing the benefits. NutriSmart products can be used for innovative plant-based products as well as meat & dairy alternative & egg replacement.



NutriSmart clean label proteins, protein isolates and starch are produced of EU based, locally sourced raw material by process of sustainable manufacturing.

- Vegan
- Gluten free
- GMO Free
- Allergen free
- Neutral taste and color
- Great nutritional balance



Product complies with the food regulations in force of the European Union including the one listed below but not limited to, for the presence of contaminants, toxins, pesticide residues, residues of veterinary drugs, micro-organisms and other undesirable substances in foods and packaging materials and the maximum limits for additives, processing aids and enzymes will not be exceeded.

- Regulation (EC) No. 178/2002 of the European parliament and of the council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.
- Regulation (EC) No. 852/2004 of the European parliament and of the council of 29 April 2004 on the hygiene of foodstuffs.
- Commission Regulation (EC) No 1881/2006 of 19 December 2006 setting maximum levels for certain contaminants in foodstuffs (such as heavy metals, mycotoxins, dioxin, 3 MCPD. ...), and later amendment.
- Regulation (EC) No. 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC and later amendments.

The supplier shall perform annual testing to show compliance with all applicable EU regulations for this Product.



You are a farmer, food producer, working in the plant-based industry or are overall interested in
nutrition, sustainability and innovations?

Contact us to get introduced to all the advantages of our innovative
FAVA BEAN & POTATO NutriSmart QUALITY PROTEINS.



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