

Power To Protein covers the sustainable production of protein-rich ingredients for human consumption. We make use of single cell micro-organisms or bacteria that naturally consume hydrogen gas and oxygen gas, both derived from green electricity by means of electrolysis, and a 3th gas – the greenhouse gas carbon dioxide - to produce a biomass rich in protein and vitamin B12. Further drying of the biomass will produce a powder that can be further applied as food ingredient. The Power to Protein process uses its additional resources like nitrogen without any loss to the environment, and is a net consumer, not an emitter, of carbon dioxide.

