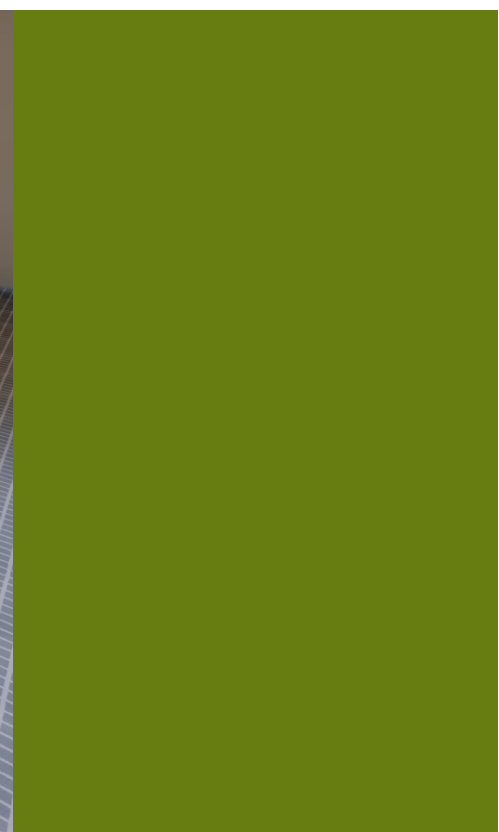
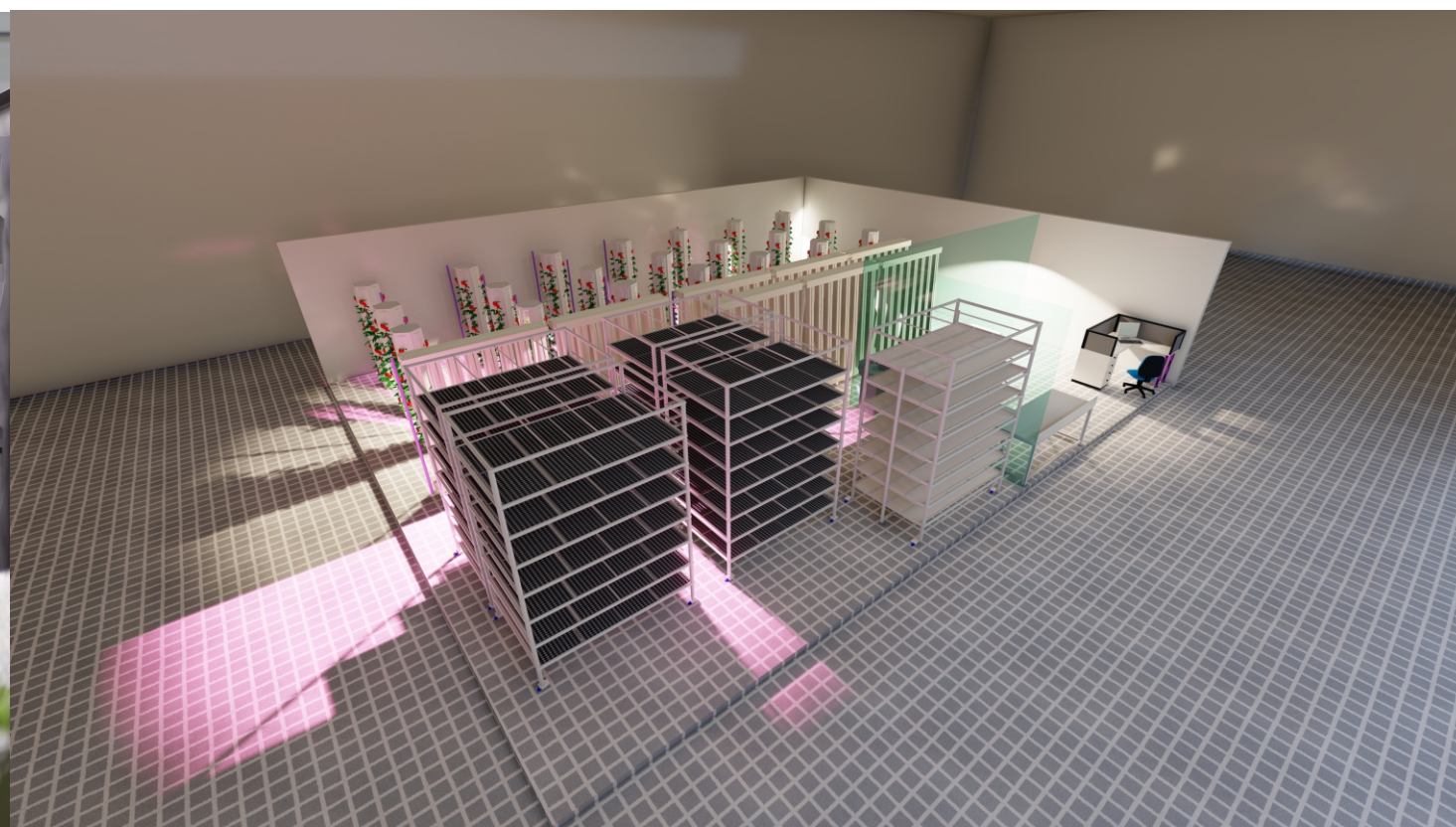


BIO SOLX

UK PROJECT





UK Project.

The British food industry warns: the lack of food in the United Kingdom will be "permanent"

At an event for the Institute for Governance, a think tank, Wright explained that the chronic misalignment in the labor market left by Brexit and the pandemic means that Britons "will no longer be able to go to the supermarket or restaurant and expect all the shelves are full and the entire menu is available".

The fault is that the supply chains that existed until now have been broken, because the lack of truck drivers and the customs barriers created by Brexit have destroyed the "just in time" system, in which businesses could order new shipments of products the day before their stocks ran out. And the supermarkets, which have been dealing with minimal inventories and tiny warehouses for decades, are not going to be able to adjust to a new system, in which there are weeks in which not a single gram of chicken or carrots arrives in the country, the solution to This problem is the urban farms, the cultivation within the cities, which will allow the inhabitants to have fresh products, without the need for expensive transportation. An example of this is the Biosolx company, which offers cultivation systems in controlled environments. We hope that it can soon be a reality within our cities.

The Problem



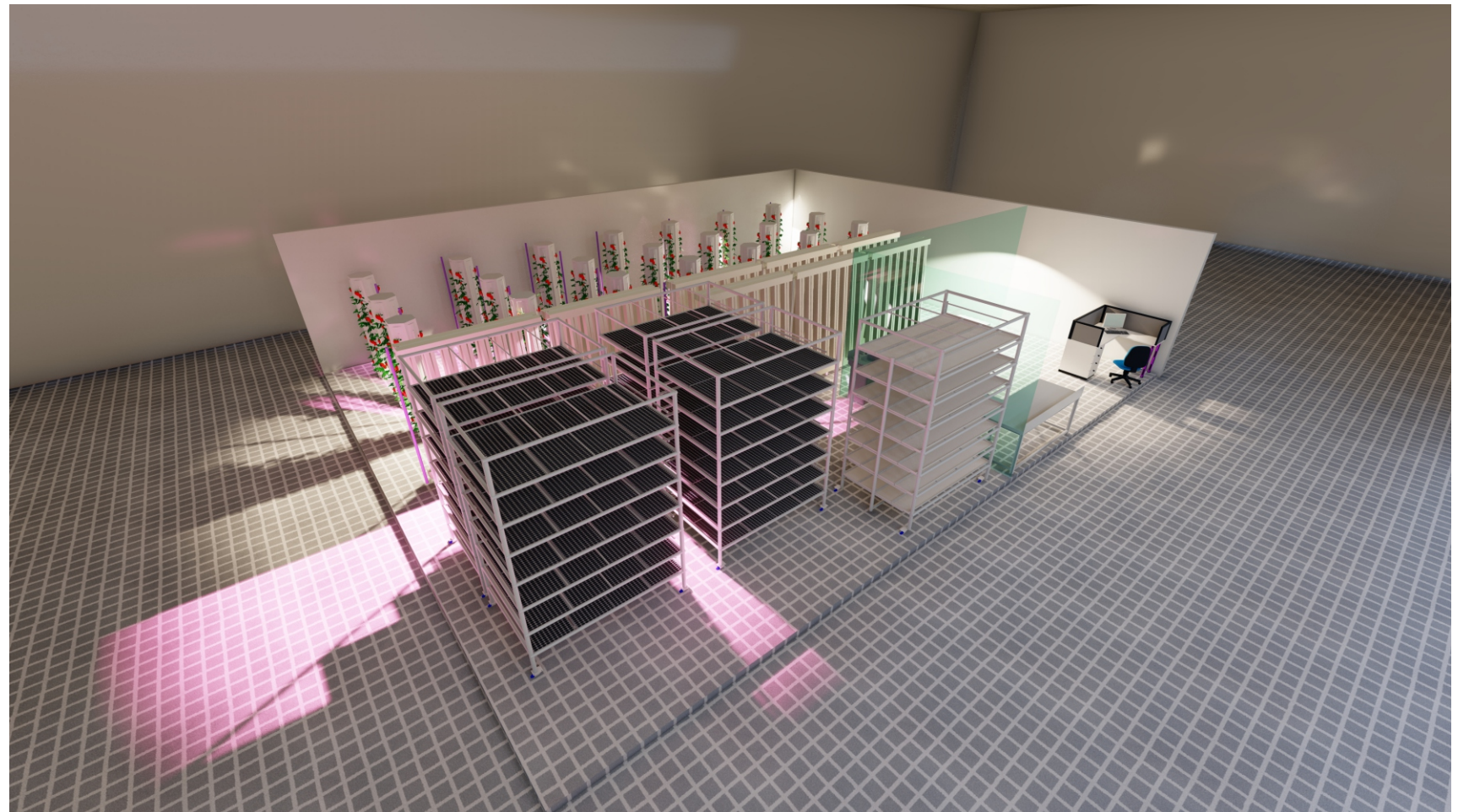


Urban Farms in UK

Urban agriculture has become a means to increase access to locally grown food and a way to bring back into the public the many foods that it has lost as a culture. Urban farms will be the front line of the food system for the foreseeable future. The world population will reach 10 billion by 2050. With population growth, the patron saint of the human room has also changed. In 2008, the population of cities surpassed rural populations for the first time in history. This trend will only become more specter in the coming years; In fact, the United Nations predicts that by 2030, nearly 5 billion people will live in cities. With the population on the rise, take advantage of unused urban space as an important source of food information, especially when it comes to fresh fruits and vegetables.

We are the place where agriculture meets technology.

The Solutions





Showroom & Office in UK

Cities with more than 15,000 inhabitants
The production of food without pesticides or agrochemicals in a controlled environment turns out to be an excellent business, where in just 300 square meters we could obtain annually: 22,000 kilograms of tomato, 30,000 lettuce plants, 30.000 Chard Plants, 10,000 Kilograms of Strawberry, 7,620 Kilograms of Arugula / Basil / etc. (combinations)





The Market in UK

OUR TARGET

Competitive analysis

DAFO

Threats: we understand that they do not exist.

Opportunities: SAVINGS OF UP TO 90% IN WATER

CONSUMPTION Increased ecological awareness, growing demand for organic products. Currently, products travel an average of 1,500 kilometers before reaching the consumer. From harvest to reaching the consumer, an average of 20 days pass, losing 60% of the nutrients. Virtually virgin market with little competition.

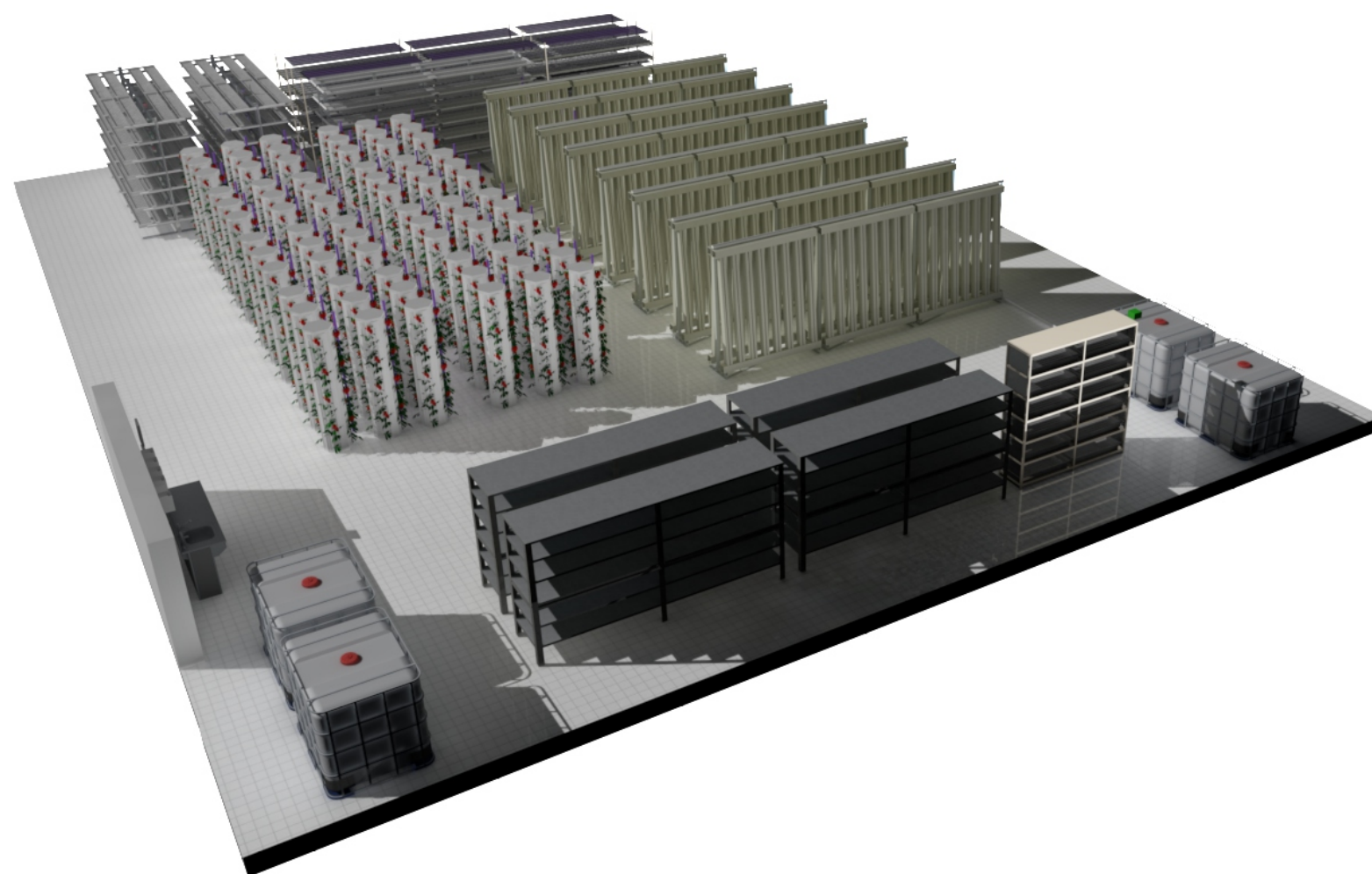
Weaknesses: Cultural implementation of new modalities.

Strengths: Proprietary and proven technology, motivated professionals, experience in other markets. Multiple trusted vendors proven over the years. Product without carbon footprint. ZERO KILOMETER PRODUCTSCrops without pesticides or agrochemicals. Possibility of totally organic cultivation. Our farms allow us to grow in the city of consumption, this means that the loss of nutrients and waste due to logistics is reduced by 95%.

Competitive advantage We can provide the necessary tools to produce high quality organic food in a sustainable way in an efficient and productive way, with our own technology.

Cities with more than 15,000 inhabitants

The production of food without pesticides or agrochemicals in a controlled environment turns out to be an excellent business, where in just 300 square meters we could obtain annually: 22,000 kilograms of tomato, 30,000 lettuce plants, 30. 000 Chard Plants, 10,000 Kilograms of Strawberry, 7,620 Kilograms of Arugula /Kale/ Basil / etc. (combinations).



TAM SAM SOM

1 Londres	Inglaterra	9.388.000,00
2 Birmingham	Inglaterra	1.167.000,00
3 Leeds	Inglaterra	818.000,00
5 Sheffield	Inglaterra	592.000,00
6 Mánchester	Inglaterra	567.000,00
7 Bradford	Inglaterra	540.000,00
9 Liverpool	Inglaterra	505.000,00
10 Bristol	Inglaterra	477.000,00
11 Coventry	Inglaterra	390.000,00
12 Leicester	Inglaterra	367.000,00
13 Cardiff	Gales	375.000,00
15 Nottingham	Inglaterra	340.000,00
16 Stockport	Inglaterra	330.000,00
17 Kingston upon Hull	Inglaterra	325.000,00
18 Dudley	Inglaterra	322.000,00
19 Newcastle upon Tyne	Inglaterra	317.000,00
20 Bolton	Inglaterra	313.000,00
21 Walsall	Inglaterra	303.000,00
22 Plymouth	Inglaterra	288.000,00
23 Sunderland	Inglaterra	283.000,00
24 Milton Keynes	Inglaterra	282.000,00
25 Wolverhampton	Inglaterra	277.000,00

25 Wolverhampton	Inglaterra	277.000,00
26 Rotherham	Inglaterra	275.000,00
27 Southampton	Inglaterra	270.000,00
29 Derby	Inglaterra	267.000,00
30 Northampton	Inglaterra	265.000,00
31 Stoke-on-Trent	Inglaterra	263.000,00
32 Swansea	Gales	255.000,00
33 Oldham	Inglaterra	242.000,00
34 Reading	Inglaterra	240.000,00
35 Luton	Inglaterra	238.000,00
36 Swindon	Inglaterra	237.000,00
37 York	Inglaterra	233.000,00
38 Portsmouth	Inglaterra	222.000,00
39 Bournemouth	Inglaterra	218.000,00
40 Peterborough	Inglaterra	217.000,00
41 Colchester	Inglaterra	205.000,00
42 Preston	Inglaterra	197.000,00
43 Southend-on-Sea	Inglaterra	193.000,00
44 Saint Helens	Inglaterra	190.000,00
45 Norwich	Inglaterra	188.000,00
46 Brighton	Inglaterra	185.000,00
47 Chelmsford	Inglaterra	182.000,00

TAM (Total Addressable Market)

In the case of commercial hydroponic plants, we have taken as a reference that every 10,000 inhabitants there is a need for a farm type BSX1000, so our total market would be around 2.600 installations, in the cities of the United Kingdom excluding Scotland and Northern Ireland. .Potential clients are also condominiums, country clubs, universities, clinics specializing in healthy treatments, etc.

48 Telford	Inglaterra	178.000,00
49 Huddersfield	Inglaterra	177.000,00
50 Oxford	Inglaterra	168.000,00
52 Middlesbrough	Inglaterra	165.000,00
53 Slough	Inglaterra	163.000,00
54 Newport	Gales	162.000,00
55 Poole	Inglaterra	160.000,00
56 Cambridge	Inglaterra	155.000,00
57 Blackpool	Inglaterra	148.000,00
58 West Bromwich	Inglaterra	148.000,00
59 Exeter	Inglaterra	148.000,00
60 Blackburn	Inglaterra	147.000,00
61 Ipswich	Inglaterra	145.000,00
62 Gloucester	Inglaterra	142.000,00
63 Solihull	Inglaterra	140.000,00
64 Crawley	Inglaterra	133.000,00
65 Basildon	Inglaterra	132.000,00
66 Watford	Inglaterra	128.000,00
67 Eastbourne	Inglaterra	118.000,00
68 Maidstone	Inglaterra	117.000,00
69 Sutton Coldfield	Inglaterra	115.000,00
70 Halifax	Inglaterra	103.000,00





Restaurant Equipment



Every 2 days (15 services, our delivery man), will change our exhibitor "moisturizing" trays new trays with the crop as held in our Warehouse, this will allow the restaurant have microgreens, sprouts, and fresh herbs daily (serves for 2 days) and expose it to the view of customers. In this case our team will not be a grower if not a "conservative" through a system of irrigation of the "nebulizer" type.

Local production service with our exhibitor equipment at restaurant. Is is of providing a service of "replacement of trays" with the crop already done.

La idea es cultivar para cada restaurante en un warehouse y dar el servicio de "reposición". Nadie notará la diferencia, todos los clientes del restaurante pensarán que se cultiva en dentro de ese equipo. El exhibidor cuenta con nebulizadores que mantendrán los cultivos frescos. El exhibidor se les da en comodato con un contrato de suministro de 2 años. Luego de hacer varias consultas con chefs, decidimos que dar un cultivador a un chef es darle mas trabajo del que tiene y el producto no sería bien recibido.





Equipment for suburban or out of town Restaurants

These equipments are mounted in containers and serve as a commercial attraction for restaurants that have space to place them, occupying the size of a parking space



We understand that this farming system is for restaurants located in towns, where the owners will be able to offer their customers zero kilometer vegetables, organic, with all the nutrients and with an incomparable flavor. The quality is indisputable and growing with a saving of 95% less water, makes this alternative a product of excellence.





Crop Farms for Farmers

BIG SCALE

Market potential for food cropsGlobal investment in indoor farming/vertical farming companies that fall outside the “traditional” farming sector has totaled approximately US\$300 million in the last three years. This investment has fueled impressive growth in new production space in urban centers across the United States and Canada. Based on publicly available figures, vertical farms will total approximately 1 million square feet by the end of 2022. In this sense, vertical farming is more of an evolutionary step in crop production than a break with the past. This conclusion is supported by the fact that the most successful companies (at least in terms of attracting capital) are essentially wholesalers, which are located closer to the urban core than traditional producers.



Biosolx BSX 5000 is a complete indoor growing system with a focus on functional space-saving design. Our turnkey indoor plants include everything you need to be a commercial grower; our Portable Grow Tower Racks combined with various Trays Flow systems save you time and labor, custom high efficiency LED lights maximize efficiency and crop production, our recirculating water design saves 90-95% more than water than other cultivation practices. Our automation systems make everything work perfectly, being "on line" permanently, and can be accessed from a mobile phone, a tablet from anywhere in the world.





Hydroponic Fodder

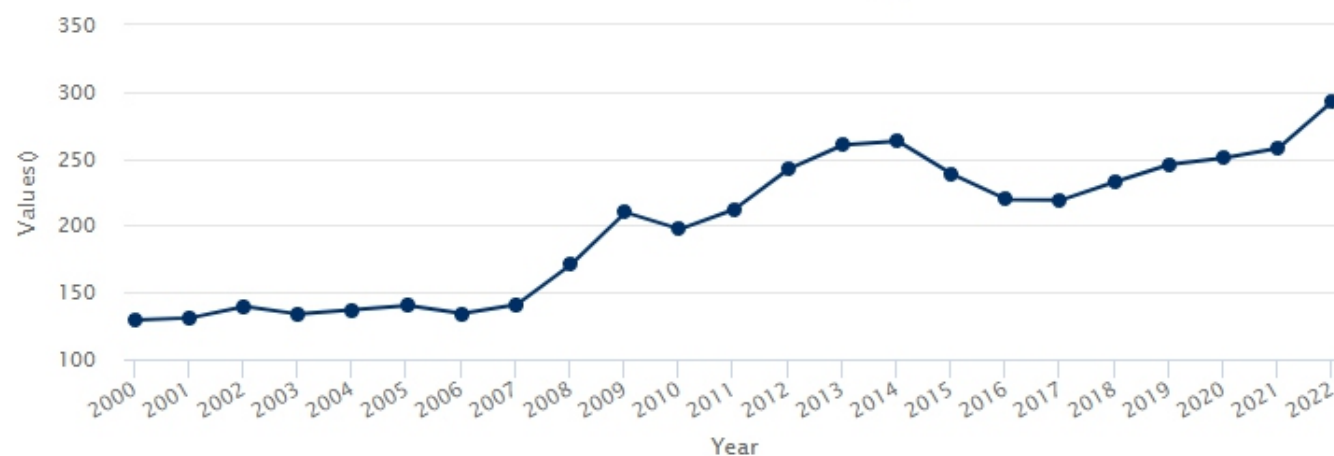
Current problems for animal feeding.

- ✓ Cost and available agricultural production area;
- ✓ Climate and rainfall;
- ✓ Planting seasons and grain seasonality;
- ✓ Diseases;
- ✓ Pests;
- ✓ Cost of production and inputs dollarized;
- ✓ Specialized Manpower;
- ✓ Agricultural machinery and implements;
- ✓ Nutritional and sanitary quality of the food;
- ✓ STANDARD of quality of the food produced.

Drought



Total Animal Feed Prices (£)



Why are feed prices so high?

Global food prices started to rise in mid-2020 when **businesses shut down due to the COVID-19 pandemic, straining supply chains**. Farmers dumped out milk and let fruits and vegetables rot due to a lack of available truckers to transport goods to supermarkets, where prices spiked as consumers stockpiled food. 13 may 2022

Hydroponic Fodder



To produce 1 ton of conventional fodder, 270,000 liters of water are needed. To produce 1 ton of Hydroponic fodder, 660 liters of water are needed. Do you have any doubt about the future of animal feed?

Hydroponic fodder is an animal feed grown from seed without soil and with little water. A week after the seeds have sprouted, the nutritious seedlings will be up to 25 cm tall. They can be produced every day of the year, even in the dry season. Reduced availability of grazing land, high food prices, and scarcity of water to grow fodder make it difficult to produce green fodder year-round. So we understand that hydroponic fodder is the efficient, cheap and readily available alternative to all farmers in the UK.

IMAGINE NOT DEPENDING ON THIRD PARTIES TO FEED YOUR ANIMALS AT A THIRD OF THEIR CURRENT COST, WITHOUT DEPENDING ON THE CLIMATE, 365 DAYS OF FOOD GUARANTEED





Hydroponic fodder in dairy farms

In cows with low milk production, they were fed Hydroponic Green Forage (FVH) for 60 days with a ration that ranged from 9 kg of FVH to 20 kg daily per head. From the first week, milk production increased by an average of 23.7%, although there were cows that obtained up to a 40% increase. One of the problems that ranchers face, when they increase milk production, is the decrease in fertility in the animal. The results obtained with Hydroponic Green Forage (FVH) regarding fertility are very good. In cows fed under traditional diets, 33% became pregnant in the first service. In comparison, 70% of the cows that consumed 12 kg per day of Hydroponic Green Forage (HGF) were pregnant in the first service



Hydroponic fodder in live stock

We work with experienced and recognized nutritionists to develop rations for many and varied situations. However, the best feedback comes from our clients who are in the real world every day getting real results.

Metabolizing energy gaining 1.2 to 1.4 Kilograms per day

It is the ability of a food to produce force or work, through the fermentation of carbohydrates and lipids, with the cooperation of vitamins and minerals, in addition to forming new tissues, inducing the functioning of organs and the production of milk, meat, wool and hair. Hydroponic green forage produces Metabolizable Energy (Mcal / kg) from 2800 to 3300, depending on the grain.





Hydroponic fodder in Horses



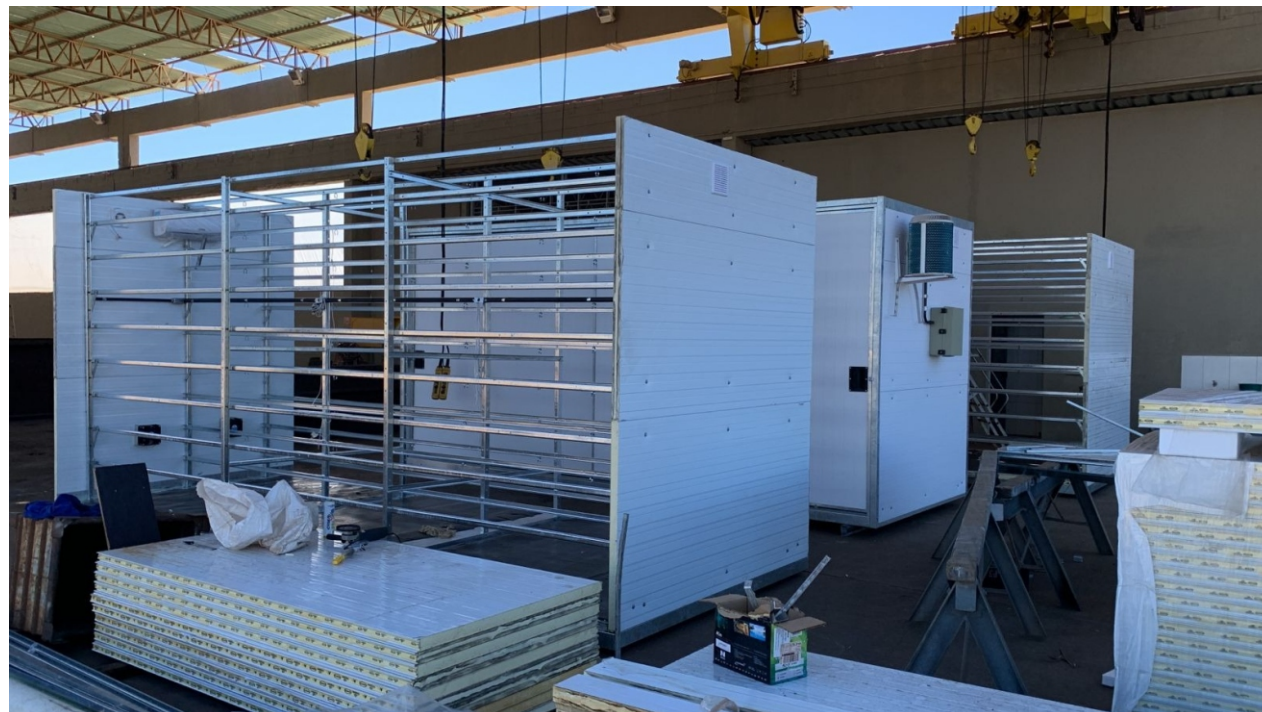
Feeding Sprouts to Horses

Fresh sprouts grown in a Biosolx system offer nutritional advantages for horses. Horses are grazing animals. Adding fresh grass to horses helps them to better health and performance.

Advantages of Sprouts

Feeding sprouts to horses offers:

- Better performance in race horses
- Improved coat and general appearance
- Lower feed bills
- Less incidence of colic and gut ulcers
- Lower vet costs
- Gentler, calmer animals
- Faster recovery after exertion



BIO SOLX

