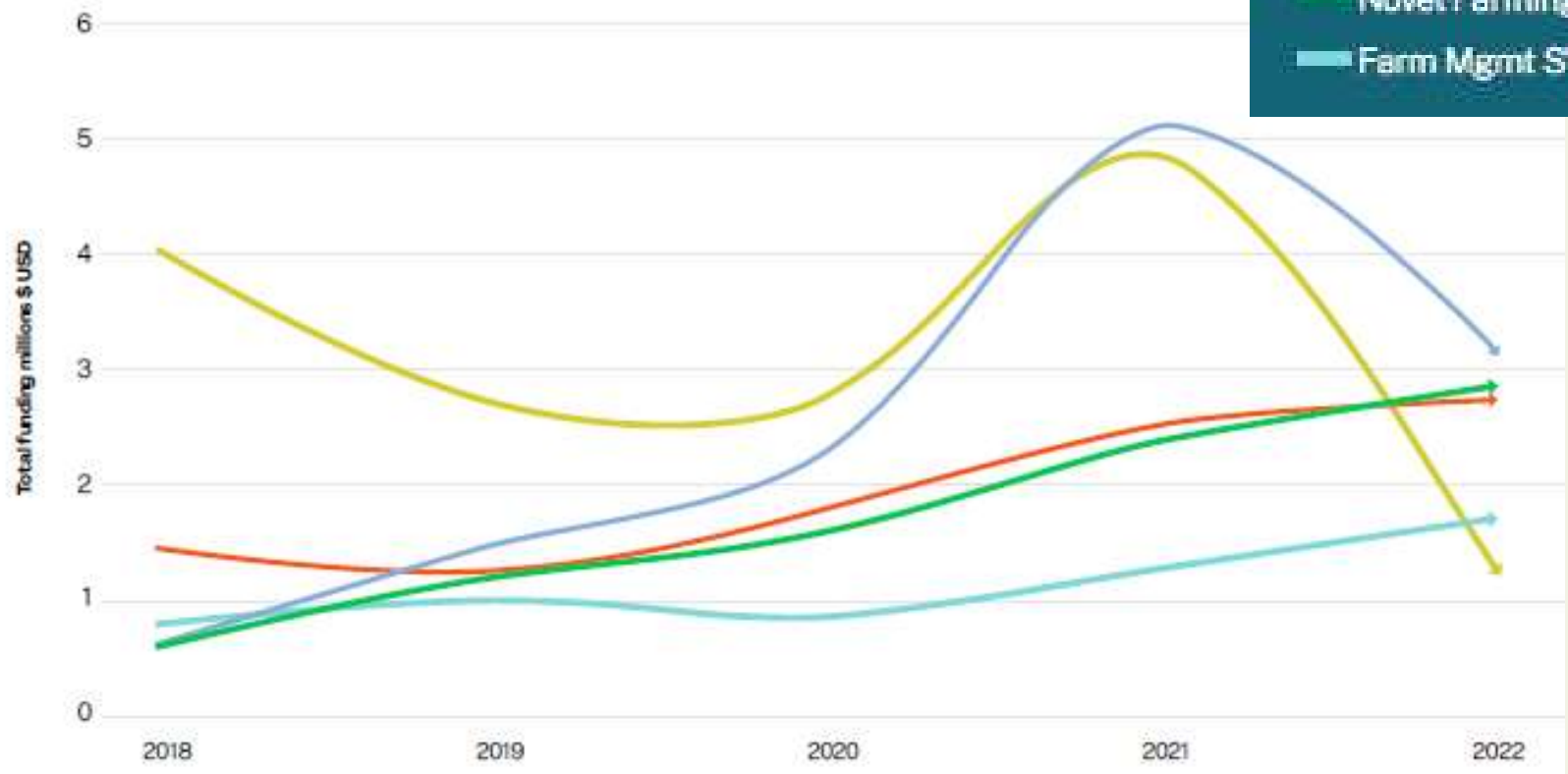





Funding by select categories YoY 2018-2022





- Online Restaurants & Meal Marketplaces
- Innovative Food
- Ag Biotechnology
- Novel Farming Systems
- Farm Mgmt SW, Sensing & IoT


01  Plenty 

\$400m	LATE	
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02  Gotham Greens 

\$310m	LATE	
---------------	------	---

03  Little Leaf Farms 

\$300m	SERIES B	
---------------	----------	---

04  InnovaFeed 

\$249m	SERIES D	
---------------	----------	--

05  Pure Harvest Smart Farms 

\$180m	SERIES B	
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06  Bowery Farming 



\$150m	DEBT	
---------------	------	---

07  GoodLeaf Farms 



\$150m	DEBT	
---------------	------	---


08  GrowUp Farms 

\$136m	LATE	
---------------	------	---

09  Soli Organic 

\$125m	SERIES D	
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10  Protix Biosystems 

\$57m	LATE	
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Novel farming systems

Top deals (\$ USD)

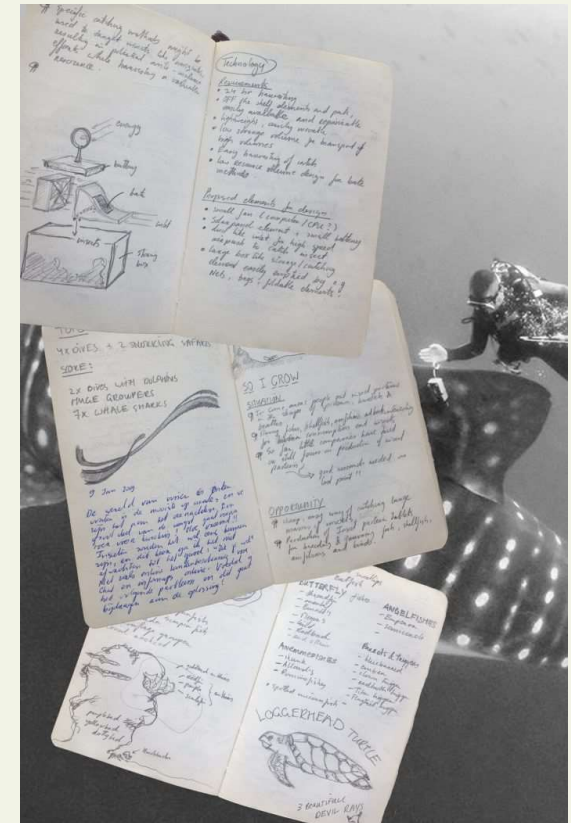


If the human food market for edible insects has moved at a frustratingly glacial pace, animal feed (notably poultry and aquaculture), pet food, and soil health, present bigger commercial opportunities. Two of the top-funded European players in the segment, InnovaFeed (black soldier flies) and Ynsect (mealworms), are expanding their geographical reach and building large-scale, highly-automated production facilities in the US. There are also a growing number of algae and aquaculture systems startups raising funding in this category.





Since 2019, Protix has the world's largest nursery of the black soldier fly near Tilburg, producing **10,000 tons of protein/hectare** per year. (**soy = 1 ton of protein/hectare**)



The Protix story begins under water. It's the start of 2009 when **Kees Aarts** travels to Mozambique for a diving trip

AGRAÏN

FOODSHIFT
2030

Every grain counts



1 Kg bear grain flour
= **1 Kg** wheat flour
= **2,7 m²** agricultural land



Founded in 2018, **Agrain** upcycles spent grains from beer, whiskey, oatmilk production to make delicious and fiber-rich flours, crisps, granola, and more.

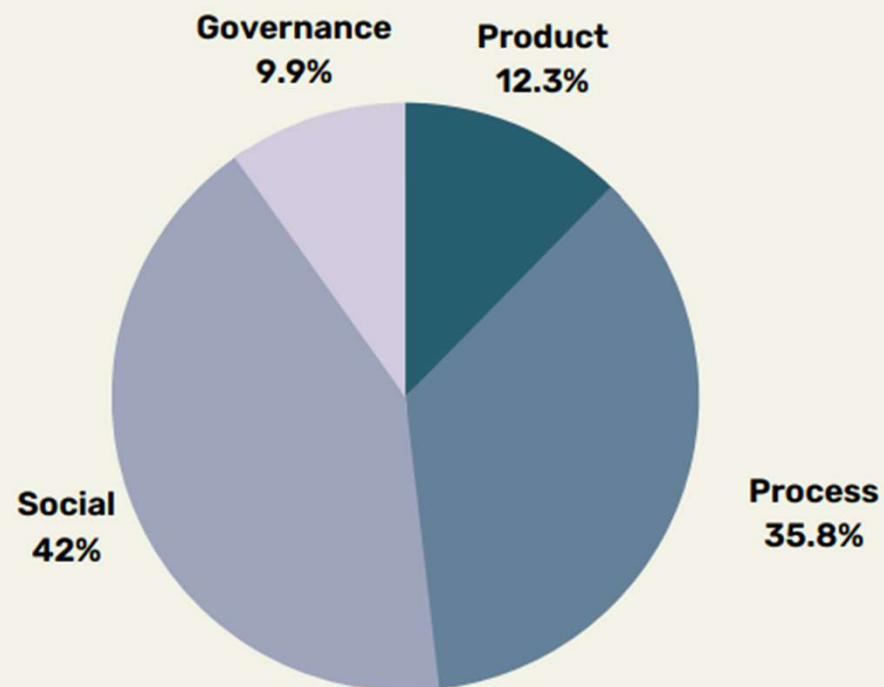


Figure 1: Prevalence of primary innovation dimensions across 81 FoodSHIFT innovation cases (Source: Innovation Portraits January 2022)

BERLIN URBAN FOOD HUB LAB

LebensMittelPunkt (LMP) Lichtenberg

BERLIN, GERMANY

THE INNOVATION:

The LMP Lichtenberg is one of more than 12 LMP initiatives in Berlin; the FoodSHIFT 2030 Berlin Lab is collaborating with all of them. The LMP Lichtenberg is a citizen-driven initiative founded in 2018, which seeks to build up a Food Hub as a space for trading, sharing, preparing, and consuming food, while simultaneously enabling inclusive community building and empowerment. The Food Hub Lichtenberg started with workshops, implemented a CSA and planted fruit trees in local schools. The LMP was set-up to address the lack of space for alternative food networks in the city, the urgent need for food system transformation and stimulation bottom-up initiatives.

THE IMPACT:



LOOKING AHEAD:

The environmental and social impact the LMP Lichtenberg would like to reach and to contribute to in the long term is to shift the food system of the district – accelerating access to good local food, knowledge about it and creating a community. The LMP plans to **upscale** and become a manager of food system change.



Social

More Information:

Website: www.lebensmittelpunkte-berlin.de/lichtenberg

Email: lebensmittelpunkt-lb 'at' web.de

Photo Credits: LMP Lichtenberg

SPARK



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BUILD



FoodSHIFT 2030 05.05.23



SUSTAIN

Thank you for your attention!

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