



Horizon Europe Brokerage Event
Cluster 6 Calls 2024

Brussels, 26 September 2023

Sustainable biotechnology solutions for feed applications

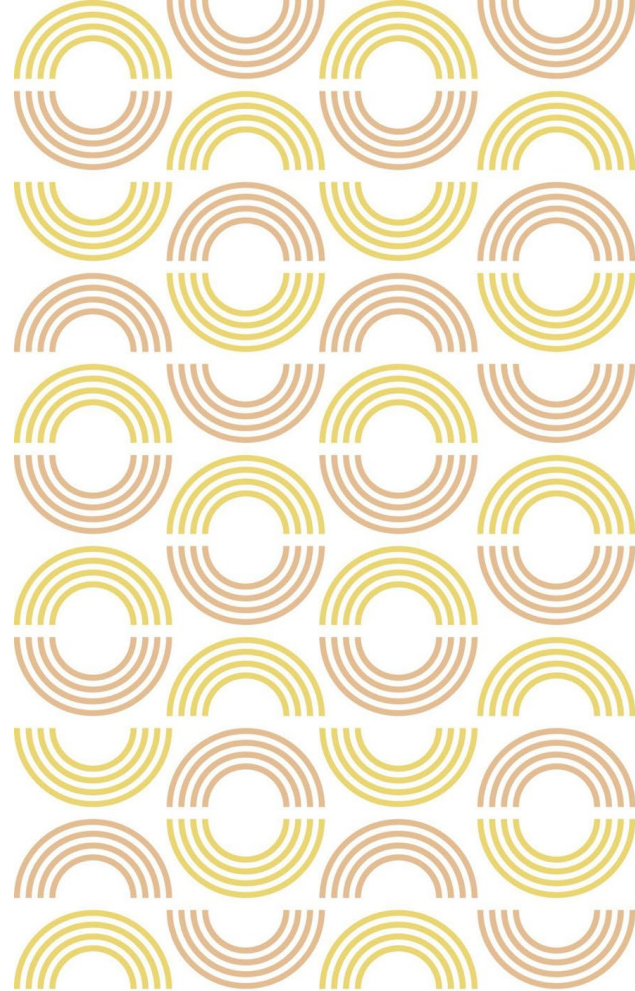
Dr Constantin Marakhov

KIDEMIS GmbH



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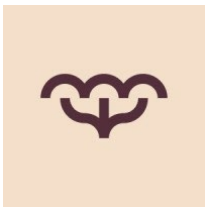


Topic(s) addressed:

- HORIZON-CL6-2023-FARM2FORK-01-2: European partnership on animal health and welfare
- HORIZON-CL6-2024-FARM2FORK-01-7: Impact of the development of novel foods based on alternative sources of proteins

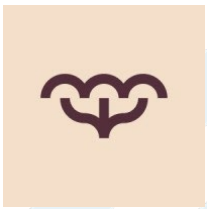
Other topics of interest:

- HORIZON -CL6-2024-FARM2FORK-02-5-two-stage: Animal nutritional requirements and nutritional value of feed under different production management conditions



Project idea

- We are upcycling industrial sidestreams into mycelium protein for feed usage, in particular aquafeed
- We use solid state fermentation SSF and mix of several substrates
- We have major global agriculture player as our industrial partner for a consortium



Main expertise offered / sought

We have developed a bioprocessing technique, which also includes mix and match of specific substrates and fungi species and have an industrial partner for sidestreams supply

We will be a project lead and looking for additional expertise/knowledge in solid state fermentation engineering solutions additionally we are looking for research partner for exploring animal health benefits of mycelium protein, in particular reduce the usage of antibiotics



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