

A wooden spoon is shown from a top-down perspective, filled with several different types of vegetable powders and seeds. The spoon is set against a dark, textured wooden background. A bright green, multi-pointed starburst graphic is positioned to the left of the spoon's handle. The text 'a grossingularity' is overlaid in white, lowercase letters across the upper right portion of the image.

a grossingularity

"vegetables powders for recipes"

context

Overpopulation of 10.000M citizens in 2050.

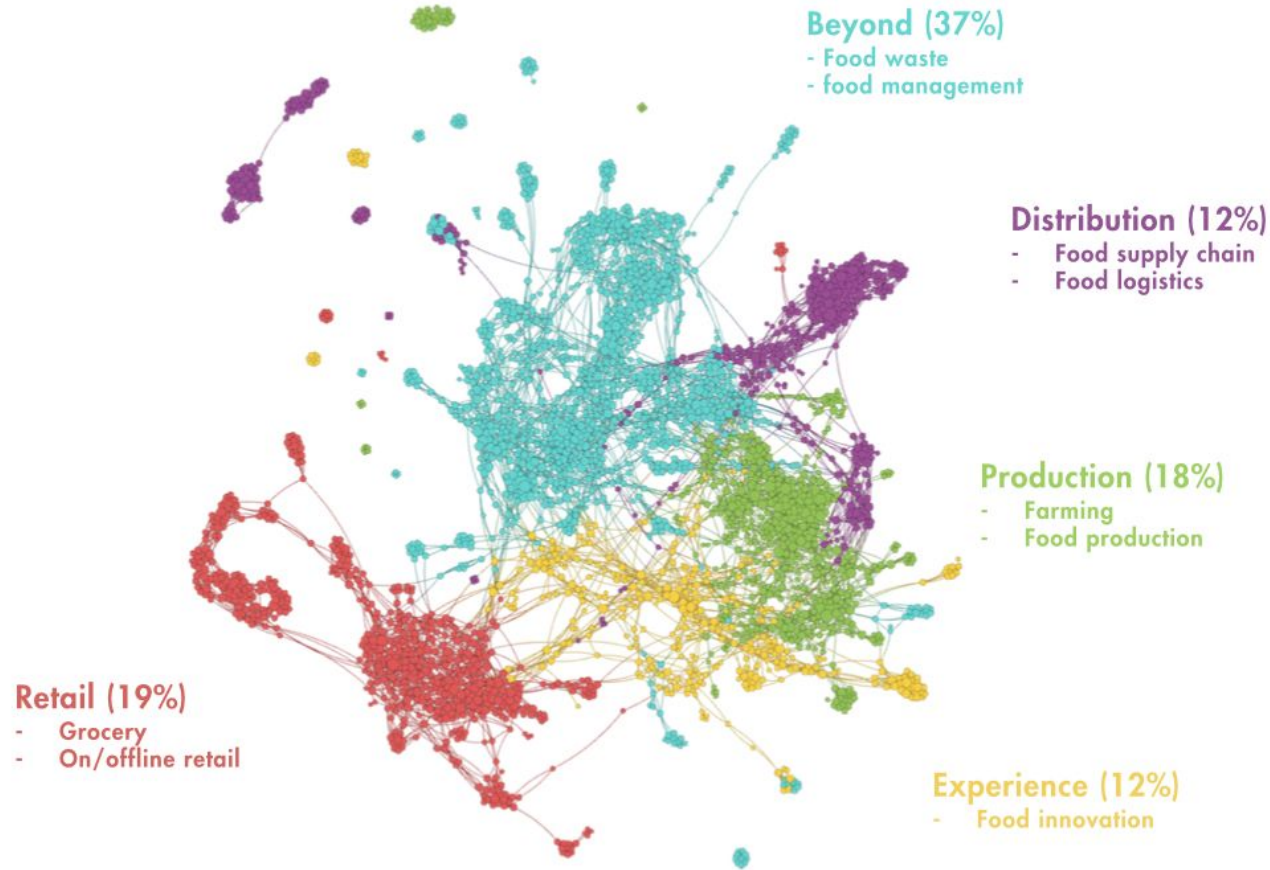
Need to find alternative sources of food.

Sustainable production of the current productive ecosystem.





**39% of the fresh
food produced is
wasted.**



Map of 2,943 news articles about the future of food and food sustainability for the last year. Labeled and colored by topic themes.

global trends



solution



natural
ingredients

Decentralized platform for the production of powdered raw materials & ingredients for food, pharmacy and cosmetics industry, using primary source fresh by products



business model

agroSingularity works like decentralized industry, selling to our customer first class **raw materials** & **ingredients**.



IAM (impact available market)

-1.300M tn/year by-products lost.

-140.000M€ of origin value.

-500M of SME producing 80% of total of food “humanity” consume every year.



*<http://www.fao.org/food-loss-and-food-waste/es/>



TAM (total available market)

-96.000M€ global powder food production.

- Global Food Premix Market will reach over USD 1.66 Billion. CAGR of 6.5% from 2018 to 2023



*[Global Food Premix Market](#)



innovation process

Trend identification [consumer] 

Client pull identification [demand] 

Location of destinations [offer] 

Product prototyping process [R+D+i] 

Decentralized production [transformation] 

Sale of raw materials [demand] 





Top five attributes of clean label



- 38% No artificial ingredients
- 35% Fresh ingredients
- 31% Short ingredient list
- 28% Ingredient origin
- 26% Minimally processed

prototype new product

From the need of market or customer

agrosingularity



CiDAF
 CENTRO DE INVESTIGACIÓN Y DESARROLLO
 DEL ALIMENTO FUNCIONAL



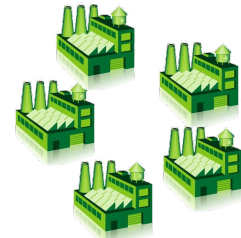
✓ 

✗ 

✗ 



asplatform™



Blendhub

Real Example



market scope



Food Industry

Valorization of raw materials



*Functional Food
Nutraceutic
Pharma*

Valorization of RM + Extraction & concentration of active ingredients

R*



*CO- Design
Recipes*

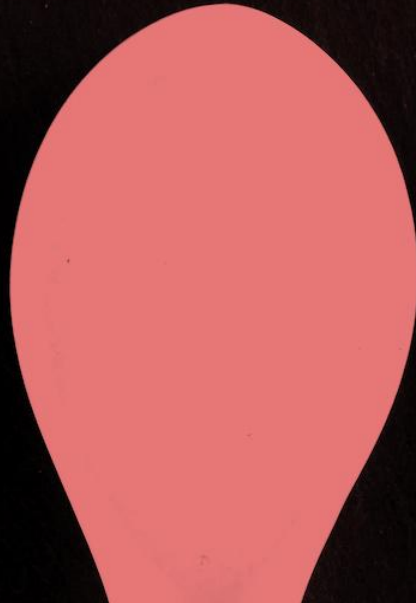
Valorization of RM + Concentration & Blend of active ingredients + Final Product Design

R*

R* residue generated from vegetables are fibre = raw material for bioplastics.



powder products



broccoli tail



artichoke leaf



garlic peel



lettuce leaf



tomato

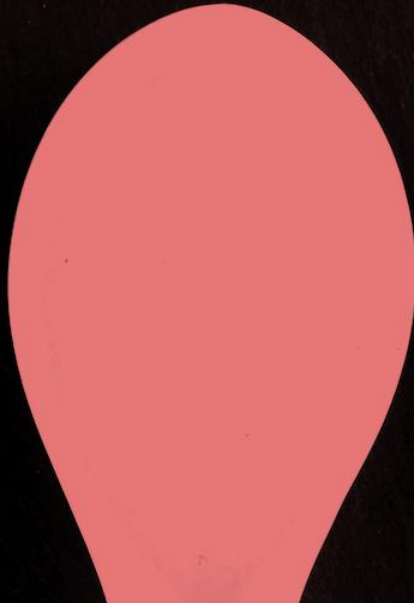


manufacturing process

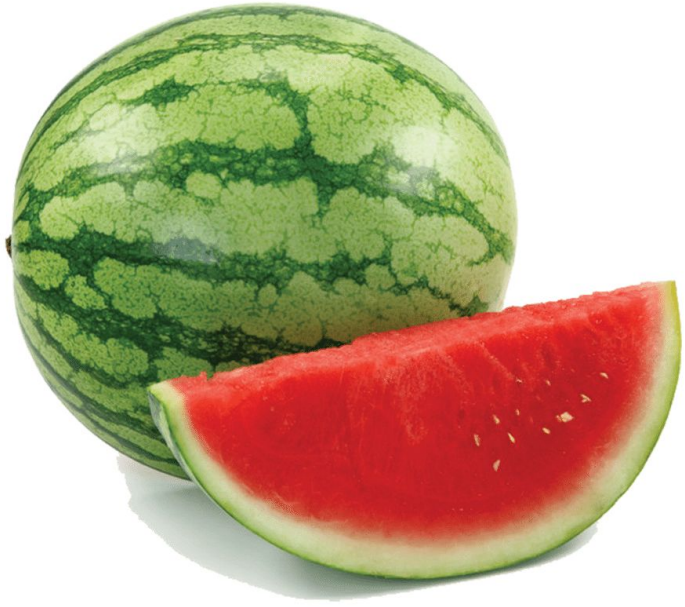
All the products are
by-products fresh origin,
dry and grind



smoothie products



watermelon



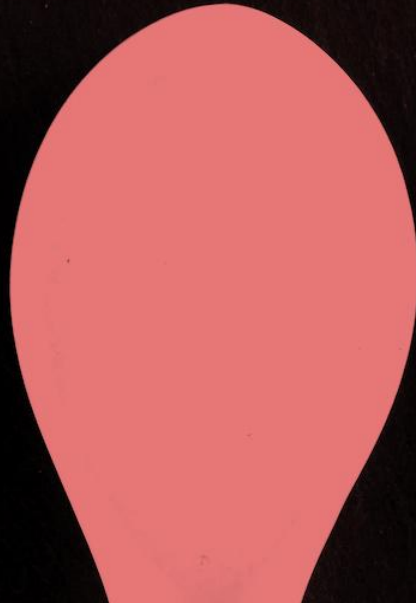
-100% natural

-Suitable for use in **energy** products and nutritional supplements.

-Origin: byproduct juice manufacturer.



extract products



Glucoraphanin 4%



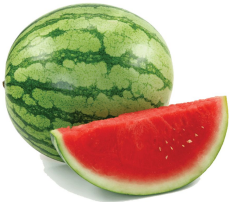
Cinarine 4%



Aliina 4%



Citrulline 4%



Lycopene 4%

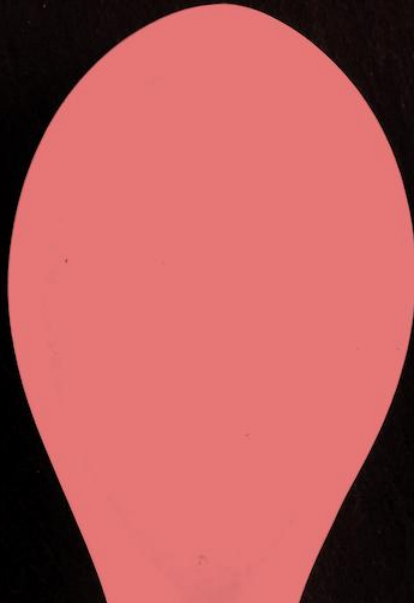


manufacturing process

All the products are
by-products fresh origin,
dry, extract by steam
drag & grind.



carrier ingredients



powdered vinegar



- 100% natural from beet.
- 16% alcohol, no flavours & taste.
- Recommended as a carrier for antioxidant formulations.
- Origin: vinegar manufacturer.





introducing asSafe

What is it?

asSafe, is a certificate, private, by which **agrosingularity** certifies to its customers the company's commitment in the fight against **food loss** and sustainable food production.

What benefits does **incorporating** it into your **brand**?

Using raw material certified with **as Safe**, provides a differential value to your **product**, ensuring that you actively fight to “**save food**” by using our raw materials & ingredients into your formulations & recipes



JUANFRA ABAD

CEO

CONTACT PERSON

Position

AGROSINGULARITY



certifies that

Company Name

are using raw materials and ingredients
from agrosingularity in his recipes,
contributing to save fresh food



JUANFRA ABAD

CEO

CONTACT PERSON

Position

What does **agrosingularity** certify with as Safe?

as Safe is the reason of exit **agrosingularity**, therefore certifies.

- 1.- All products are **fresh** in their origin.
- 2.- Only use **unvalued** products that would otherwise end up in the “**garbage**” or in other channels not **add value** to human food.
- 3.- In its transformation, in **powder** raw material, **no** chemical elements or additives have been used (annex I)
- 4.- The **production** and **transformation** is done locally, contributing to mitigate the **CO2** footprint of internal logistic.
- 5.- **Traceability** from **origin** to become **raw material** or **ingredient** for use by industry.
- 6.- Incorporate this **certificate**, will **never** have any **cost** for your company

The image features four clear glass vials lying on their sides, spilling their contents onto a light-colored surface. From left to right, the vials contain: 1) small, light-colored, irregularly shaped tablets; 2) dark, round tablets; 3) a fine, light-colored powder; and 4) a dark, fine powder. The background is a solid, bright yellow color. The text is overlaid in the center of the image.

ASplatform scaling & automating processes for
a global market operations.

Asplatform™



registration **self control** suppliers



certificate **origin** products



sanitary register agroSingularity



Purchase

Non-valued products in the agricultural industry



Transforms

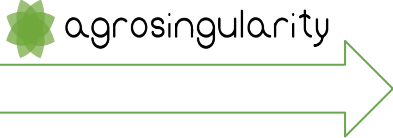
Products not valued in raw material



Sells

raw material with high nutritional values and proteins






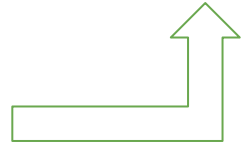


Unilever

demand raw material
for a recipe



 agrosingularity
detects by-products
& production units



save fresh products &
transport to productions
units

produced under strict
quality and safety
standards

raw material is available
for the customer in the
production units

asplatform™

use case

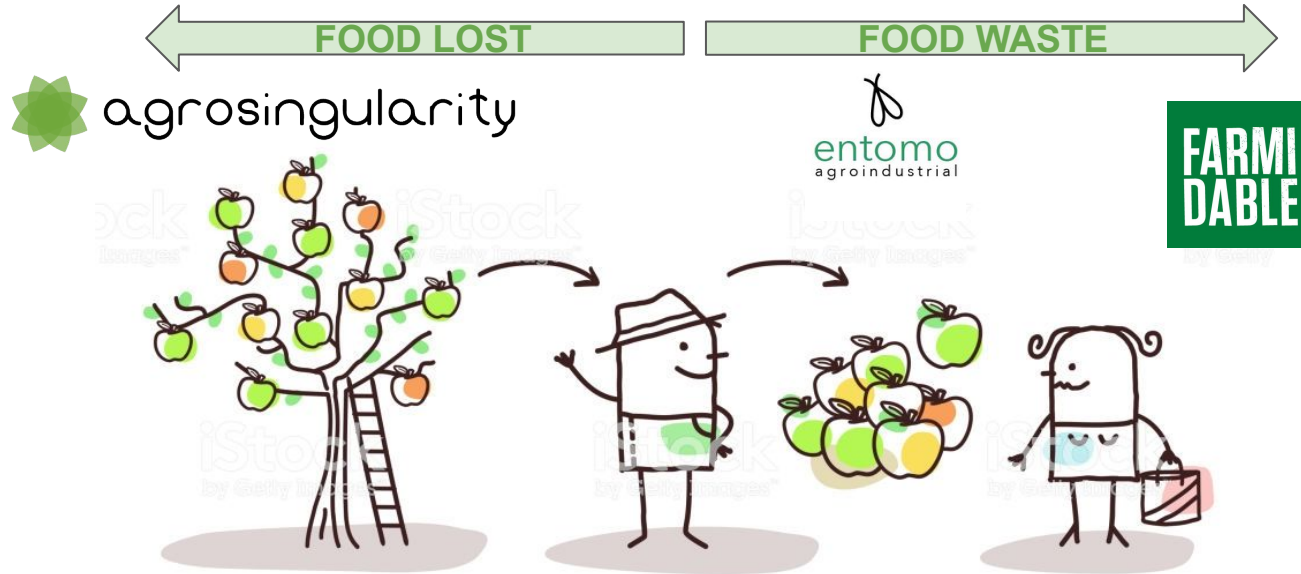


Unilever

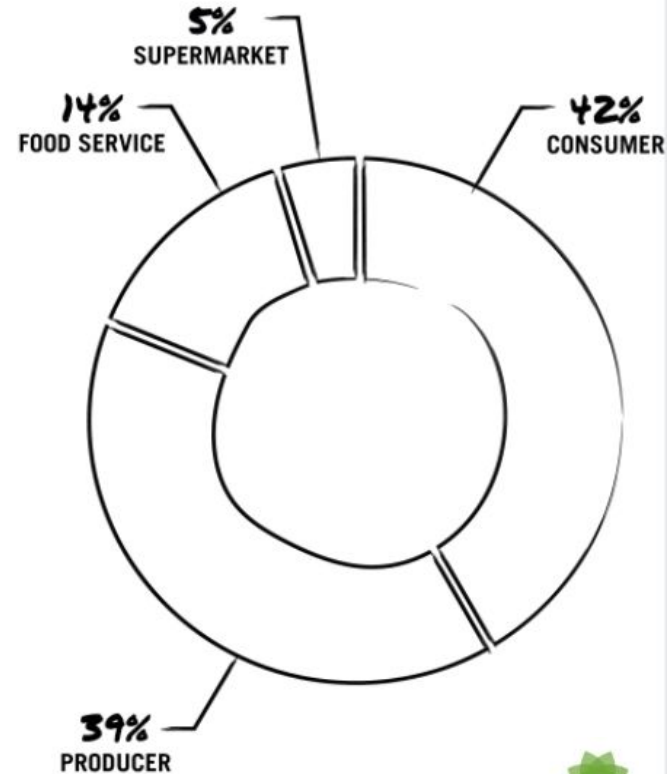
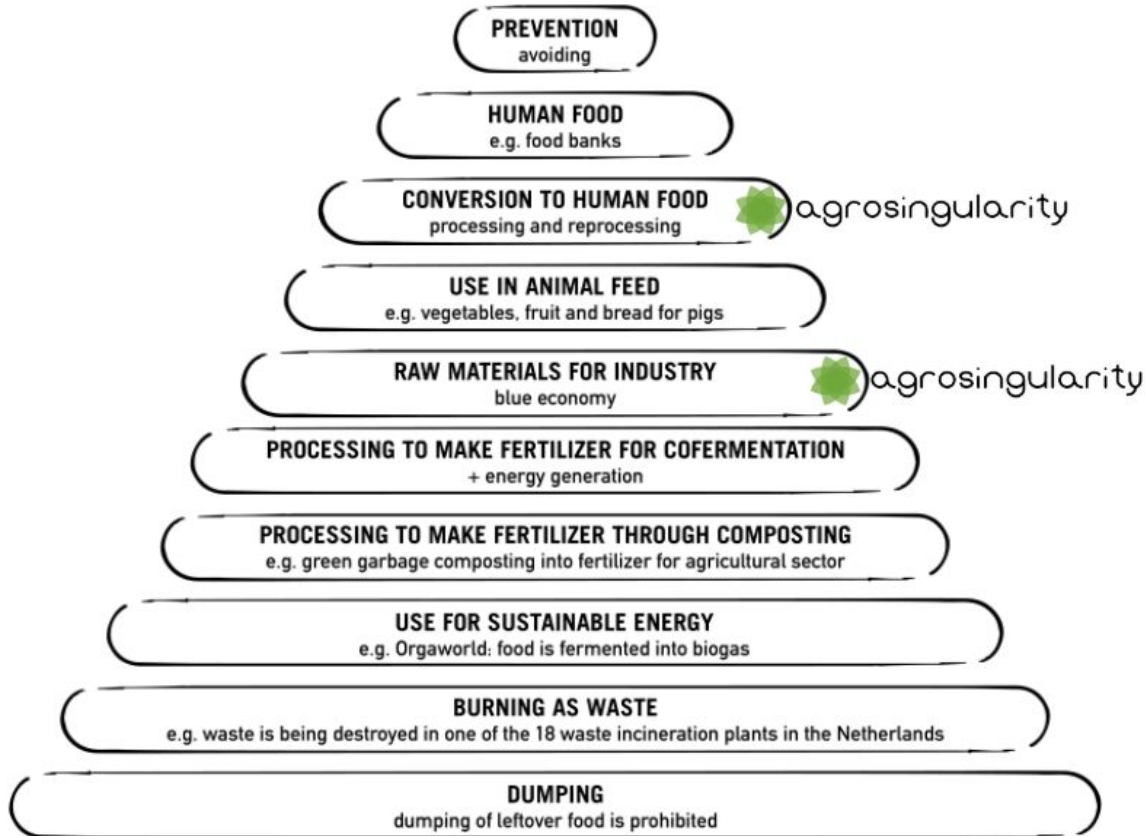
build the final product



value positioning



value positioning



competitors

Ability to execute



Completeness of Vision



challengers



niche players

leaders



visionaries



#agrowarriors



Juanfra Abad



CEO

Innovation facilitator between companies and startups in international consulting, CEO of 3 startups and organizer of Startupweekend



Daniel Andreu



CMO

More than 10 years of experience in sales, marketing & operations in multinational environment. Founder a saas startup, advisor & contributor in several startups & SME companies.



Luis Rubio



CPO

Biologist, more than 15 years of experience in public and private organizations, working on R&D, food industry and food control laboratories.



#singularityecosystem

Invested by:



A project created in
business center:



Our R&D technical
outsourcing:



Developing products
with:



our supplies:



— PART OF THE AMC GROUP —



Our productions
units:



Our clients:





agrosingularity

thanks

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