

#RESTwithEUHackathon

Presentation of the idea



About us



No ingredient, imperfect food
and peel will ever be safe again!



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Data: shocking fact



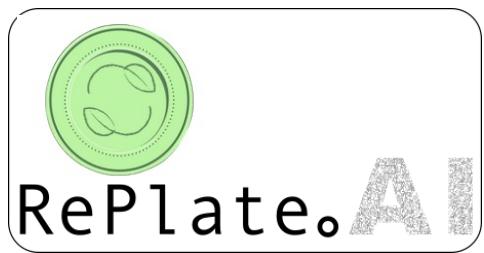
~40% of food waste is generated
from farm to restaurant
eg. by imperfect products not being
accepted by buyers

In the restaurant itself,
Over 65% of waste occurs **during
prepping**, causing an **estimated cost of
13 billion €**

How do we solve the challenge/problem?

AI optimized stock monitoring and menu planning, to help SME restaurants keep track of their stock and optimize ingredient usage

Our proposal



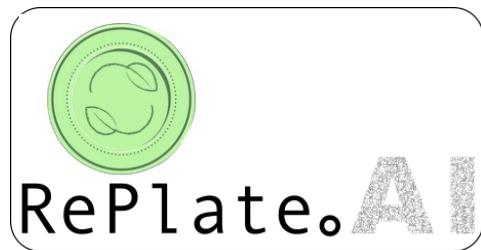
by



European
Commission

A screenshot of the RePlate.AI website's home page. At the top, there is a header bar with a "Home" button, back and forward navigation buttons, a search bar containing the URL "https://www.replate.ai", and a user profile icon. Below the header is a large banner with the "RePlate.AI" logo. The main content area is currently blank, indicated by a large white space with three horizontal lines at the bottom. On the far right edge of this white area, there is a thin vertical line and a small portion of another image.

Our proposal



by



The screenshot shows the RePlate.AI web interface. At the top, there's a navigation bar with a 'Home' button, back/forward buttons, a URL field containing 'https://www.replate.ai', and a search bar with a magnifying glass icon and a user profile picture.

The main content area has a header 'RePlate.AI'. Below it, a section titled 'Stock' displays a table with columns for 'Status' and 'Exp. Date'. The table lists four items:

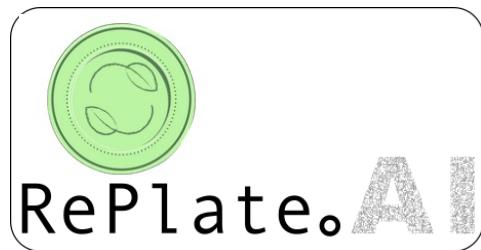
	Status	Exp. Date
Pasta	! (Red)	25/06
Risotto Rice	! (Yellow)	31/08
Asparagus	! (Yellow)	21/06
Strawberry	! (Red)	19/06

A 'Show more' button is located at the bottom right of this section. Below the stock section is a 'Previous orders' section with two entries:

- Order [123] [date]
- Order [123] [date]

A 'Show more' button is located at the bottom right of this section. The bottom of the page features three footer icons: a fork and knife, the EU flag, and the European Commission logo.

Our proposal



by



The screenshot shows the RePlate.AI web application. At the top, there's a header with a 'Home' button, a URL field containing 'https://www.replate.ai', and a search bar with a magnifying glass icon and a user profile picture. Below the header, the main interface includes:

- Stock**: A table showing inventory levels for Pasta, Risotto Rice, Asparagus, and Strawberry. Each item has three colored circles (red, orange, green) representing different stock levels, and an 'Exp. Date' column. An 'Asparagus' row is highlighted with a red exclamation mark and a warning message.
- Current Menu**: A list of menu items: Asparagus Risotto, Grilled Cod, and Azore Style Beans. There's a 'Show more' button next to the beans.
- AI recommendation**: Two recommended items: Asparagus Peel Soup and Strawberry Green Ice Tea, each with a plus sign icon and a small thumbnail image.
- Previous orders**: A section showing two previous orders with their respective dates and a 'Show more' button.

Our proposal



by



The image shows a wireframe mockup of the RePlate.AI web application. At the top, there's a header with a 'Home' button, a URL field containing 'https://www.replate.ai', and a search bar with a magnifying glass icon and a user profile picture. Below the header, the main interface includes:

- Stock:** A table showing inventory levels for Pasta, Risotto Rice, Asparagus, and Strawberry. Each item has three colored circles (red, orange, green) and an 'Exp. Date'. An 'Asparagus' row is highlighted with a red exclamation mark and the date '25/06'. Buttons for 'Show more' and 'Show less' are present.
- Current Menu:** A list of menu items: Asparagus Risotto, Grilled Cod, and Azore Style Beans. A 'Show more' button is located next to the beans.
- AI recommendation:** A section showing two recommended dishes: Asparagus Peel Soup and Strawberry Green Ice Tea, each with a small image, a plus sign icon, and a 'Show more' button.
- Benefits since using RePlate:** A box displaying 'XXX Kg' and 'XXX €' savings.
- Graph:** A line graph showing trends over time, with blue shaded areas indicating specific data points or ranges.
- Action buttons:** Buttons for 'ADD' and 'Recipe Order' with plus signs.

Impact



- Increase overall profitability of the menu to up to 10%
- Cut costs by 2-6%, also on garbage (country dependent)

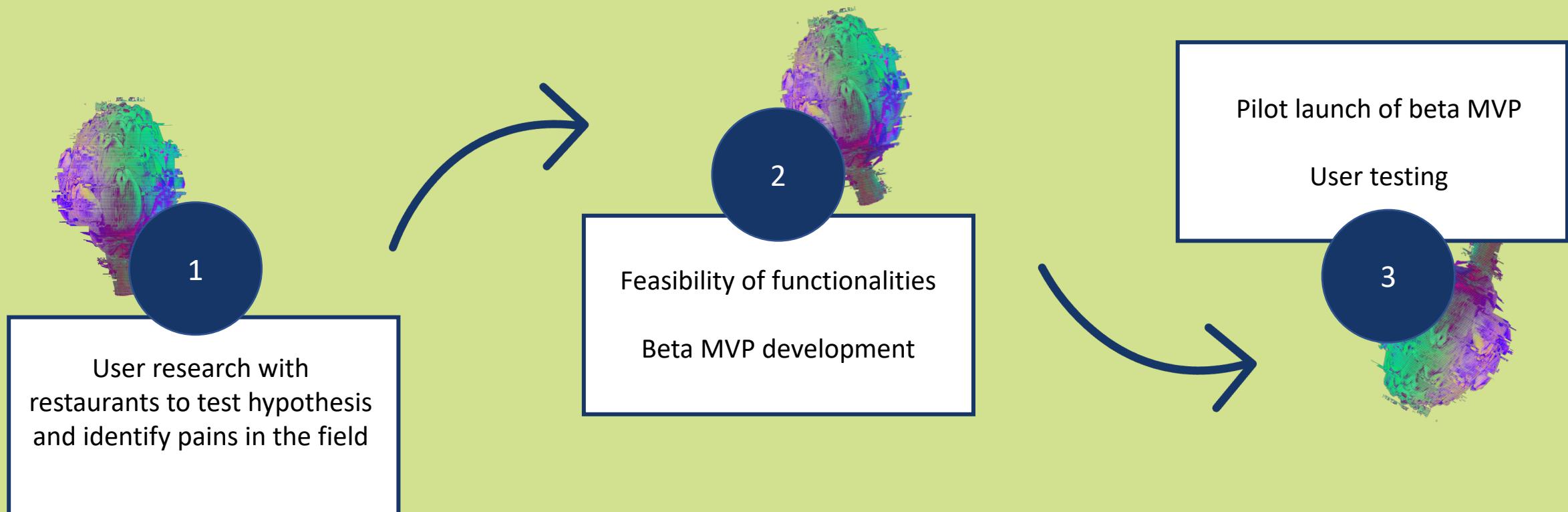


- Monitor stock (freshness/expiry dates)
- Track supplier quality
- Save time with automated ordering suggestions



- Optimal use of all parts of raw ingredients and imperfect food that would otherwise be wasted

Next steps



Why us?

- Innovative and feasible idea that simplifies and automates existing processes conducted by SMEs (eg. Stock monitoring, order placement, menu planning)
- Constant monitoring and optimal usage of ingredients increases profitability for the SMEs and thus helps to build a more robust and resilient sector
- Multidisciplinary team with experience in innovation and sustainability in the agri-food and restaurant sector (IT, data analysis, consultancy, nutrition, business)
- Experience in EU Projects as well as large network of restaurant agri-food SMEs and food waste specialists for user testing, con and feedback
- High motivation and passion to fight food waste in the restaurant sector



FIGHT THE WASTE – INCREASE THE TASTE

Thank you!



RESTwithEU
European
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Barrabés



QUANTITAS
Actioning Data. Making Decisions



Co-funded by
the European Union