

Innovative cleaning solutions using significantly less chemicals sought for large canteen kitchen

Summary

Profile type

Technology request

Company's country

Germany

POD reference

TRDE20260721021

Profile status

PUBLISHED

Type of partnership

Commercial agreement with technical assistance

Targeted countries

• All countries

Contact Person

[Enrico FRANZIN](#)

Term of validity

21 Jul 2026**21 Jul 2027**

Last update

21 Jul 2026

General Information

Short summary

A large operator in catering, school meals and company canteens from northern Germany searches for alternative cleaning solutions for dishes, boxes, surfaces with as less chemicals as possible. Cooperation partners are sought for pilot projects with optional upscaling, if successful.

Full description

A large operator of catering, school meals, and corporate canteens based in northern Germany would like to test alternative cleaning methods in a new production kitchen, specifically ozonated water for dishes, containers, and surfaces.

The goal is to reduce the use of chemicals while ensuring high hygiene standards.

Possible solutions:

- Use of ozonated water for the hygienic cleaning of dishes, containers, and surfaces
- Innovative solutions for the on-site production and precise dosing of ozonated water
- Innovative cleaning equipment for testing in the new production kitchen

Innovative companies, including startups, are sought as cooperation partners to set up a pilot, with the potential for industrial scaling should the tests prove successful.

Please note: Since this request is part of an innovation challenge, kindly answer the questions below within your EoI or write me an email.

1. Solution Approach

(Describe briefly and precisely: How do you solve this specific challenge? Please avoid promotional language and focus on the specific use case.)

2. Fulfillment of Specific Requirements

(Describe to what extent you meet the specific requirements of the use case)

3. What quantifiable impact does the solution deliver?

4. Maturity Level of the Solution (Please select)

- a) MVP/Prototype (ready for initial testing)
- b) Market-Ready (already in use by customers) or
- c) Scaled Product (established solution)

5. References

(Have you previously collaborated with an SME or an industrial company? If so, briefly describe the project and the outcome.)

Advantages and innovations

Technical specification or expertise sought

- Reducing the use of chemicals in cleaning processes
- Ensuring high hygiene standards
- Hygienic cleaning of dishes, containers, and surfaces
- On-site generation and precise dosing of ozonated water
- Integration into existing dishwashing and cleaning processes
- Proven effectiveness in food-processing environments
- Potential for use in the new production kitchen
- Contribution to improving the efficiency, quality, and sustainability of processes

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Stage of development

Available for demonstration

IPR Status

Sustainable Development goals

- **Goal 12: Responsible Consumption and Production**
- **Goal 3: Good Health and Well-being**
- **Goal 6: Clean Water and Sanitation**

IPR Notes

Partner Sought

Expected role of the partner

Provide the technology under licensing or products available for testing and integration with purchasing option.

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **Big company**
- **SME 11-49**
- **SME 50 - 249**
- **SME <=10**

Dissemination

Technology keywords

- **10004012 - Water in Buildings**
- **08002002 - Food Microbiology / Toxicology / Quality Control**
- **08003 - Micro- and Nanotechnology related to agrofood**
- **10004001 - Industrial Water Treatment**
- **010002009 - Water Pollution / Treatment**

Targeted countries

- **All countries**

Market keywords

- **07003002 - Health food**
- **08004003 - Water treatment equipment and waste disposal systems**

Sector groups involved

- **Agri-Food**