



Workshop on  
'Alternative and  
Renewable Fuels'  
23.10.2025

**UCO Logistics:**

**Urban Challenges, Smart Planning,  
Service Excellence**

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# Collecting UCO in a city

## Used Cooking Oils from:

HORECA / Supermarkets / Public points / Household D2D

## Goals:

- Zero accidents
- Zero spills
- Cost effective operation
- Added Value from Service Excellence



# Urban Challenges

- Traffic congestion
- Road Traffic Code
- Regulation Imposes from Local Authorities

- ⌚ Limited storage capacity
- ⌚ Collection time window
- ⌚ Lack of parking lots

- 👤 Compliance with Labour Laws
- 👤 Van capacity
- 👤 UCO access

## In house routing program

➤ **Database with POIs:**

- 1. Standard visits**
- 2. Inbound requests**
- 3. Most likely / Need to check**

➤ **Configurable restrictions:**

- **Area/Place of distribution**
  - Time slots
  - Van Volume
  - Number of POIs

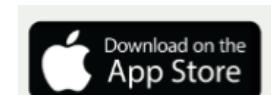
## Results:

- ✓ >94% success in volume prediction per route
- ✓ > 95% success point – wise per route
- ✓ Time Saving per van/crew

# Service Excellence



- Certified and Legal Collection process
- Feedback sessions with crews
- Ex-Van Invoicing
- Customer training
- 24/7 inbound access
- Fat grease solution
- Prasino Ladi Mobile App  
(B2B, B2C)



# Conclusion and Future

- Smart UCO Logistics drive sustainability
- Innovative planning overcomes urban challenges
- Agile and open to change
- Successful utilization of available resources

- AI tools (Call Center, routing)
- Alternative in-store solutions
- Zero emissions Logistics

A large stack of green cylindrical batteries, likely lithium-ion, arranged in a grid. Each battery has a black top with a central circular contact and an orange plastic connector with a metal clip attached. The batteries are packed closely together, filling the frame.

*Thank you.*