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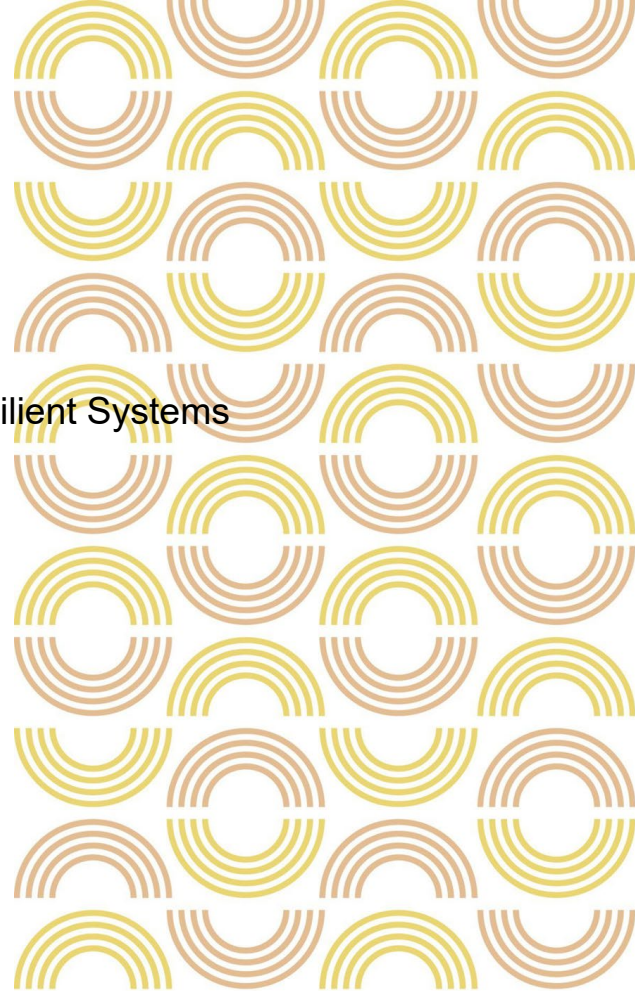
Presentation Title

Digital Food Justice: Citizen-Led Mapping and Monitoring for Resilient Systems

Presented by: Özgür Oran
Institution: Küçükçekmece Municipality

Topics Addressed

HORIZON-CL6-2025-ZEROPOLLUTION-01-1: Environmental monitoring & digital innovation
HORIZON-CL6-2025-GOVERNANCE-01-3: Citizen science and participatory data models

Other Topics of Interest:
HORIZON-CL6-2025-BIODIV-01-6: Nature-positive economy tools

Project Idea

This project aims to integrate citizen-led digital technologies into agroecological food systems to support environmental monitoring, transparency, and local food rights. The initiative links smart governance, open data, and community engagement in the transition towards climate- and biodiversity-resilient territories.

Key Activities:
- Design and deploy open-source platforms to map pesticide-free zones, biodiversity indicators, and food accessibility.
- Develop participatory digital dashboards co-designed with citizens, municipalities, and cooperatives.
- Integrate real-time environmental sensor data (air, water, soil) into local decision-making tools.
- Establish citizen science programs for monitoring pollinators, soil health, and agroecological resilience.
- Collaborate with research institutions to link citizen data with Earth observation and geospatial platforms.

Main Expertise Offered / Sought

Özgür Oran is a senior project specialist with 15+ years in digital strategy and public innovation. He has:
- Led open data and AI-supported municipal systems for planning and citizen services
- Coordinated projects with GIZ, UNHCR, ILO, and Horizon 2020
- Built participatory digital platforms for environmental data
Role: Digital Lead / WP on tools and data systems
Seeking: Tech partners, EO researchers, municipalities with data-driven governance interest

Contact Details

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Please note:

- Presentations must be held in English;
- Presentations will last **NO MORE THAN 5 MINUTES**
- Do not overload your slides – provide links to additional material;
- Do not use videos and animations etc. as these may not be compatible with the IT system in the venue;
- The flash presentations will be made available as .pdf files on the event website after 26th September (unless you object);
- Please do not submit a flash presentation until your profile has been activated;
- Presentations should be submitted to nks-bio-umw@fz-juelich.de
- Submission deadline:
  - 13 April 2025 (if you intend to apply for a travel grant)
  - 4 May 2025