

## SmartFood: Engaging citizens in food diversity in cities D3.5 Design of data management platform for SmartFood ULLs



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SmartFood has received funding from the Norway Grants 2014-2021 and the state budget of Poland via the National Centre for Research and Development within "Applied Research" Programme. The project benefits from a  $\in$  M1.275 grant from Norway as well as a  $\in$  M0.225 grant from the state budget of Poland. The total project value is  $\in$  M1.5. The aim of the project is to provide a novel evidence-based socio-technological framework of sustainable food production and consumption towards the sustainable smart city of the future.





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Norwegian Business School

Grant agreement No.	NOR/IdeaLab/SmartFood/0005/2020-00		
Acronym	SmartFood		
Full title	Engaging citizens in food diversity in cities		
Funding scheme	Norway Grants, The IdeaLab Call for Full Proposals, Cities for the future:		
	services and solutions		
Start date	September 2021	Duration	34 Months
Project website	www.smartfood.city		
<b>Project Promotor</b>	Research and Innovation Centre Pro-Akademia		
Deliverable	D3.5 Design of data management platform for SmartFood ULLs		
Work package	WP3		
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Version	2nd version - D3.5.2		
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Dissemination level	PU – Public		
Lead partner	NILU		
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Keywords	Data Platform, API, MQTT, HTTP		

## **Executive Summary**

The aim of this task is to build a database with relevant parameters that represent food production and consumption activities in macro scale and a city, and to feed into the activity models in the next sub-WP. We will design the method to collect and store all relevant data for quantification in a systematic way to ensure the efficiency of the model design and simulations. NILU will design the data collection and processing platform, the methodology to process and analyse the collected data. RIC and MGU will design the content of database: which type of data need to be collected, where the data sources are.