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DRG4Food - Achieve Trust in a data-driven Food System by Implementing DRGs for the Food Sector

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The importance of the food system makes it necessary to implement digital use cases and do so very responsibly, to drive innovation and address key issues such as food security, sustainability, personalized nutrition, food waste reduction, and equitable conditions throughout the food chain.

An important concept to implement data rights in the food chain are the Digital Responsibility Goals (DRGs), developed by Identity Valley to promote digital technologies grounded on democratic rights and values. The goals propose concrete measures for seven key focus areas that have the potential to shape the digital economy in a way that is both ethical and human-centred.

DRG4Food is an EU project about achieving trust in a data-driven food system by implementing Digital Responsibility Goals for the food sector. To create a data-driven food system, the project aims to set new standards by aligning with the European Digital Rights and Principles and the Digital Responsibility Goals. The project will enable new levels of innovation in food safety, sustainability, personalised nutrition, reduction of food waste and fair conditions throughout the entire food chain.

In particular, some activities are focused on the implementation of a strategic roadmap (a new virtual food system) that will guide creation of a new food system apps. The roadmap should impact policy makers and funding providers to steer future development in a trustworthy, user-centred future where apps allowing users to execute their data rights are implemented with trust by design. The (road)map should represent different dimensions, including technological, architectural, and general approaches, in alignment with the European Green Deal priorities, and should help to classify solutions. One of the main aspects and outcomes will be the possibility to enable users to keep control over their personal data and allowing users to apply, at any time, their right to limit or revoke their personal data.

The impacts of the "Digital Responsibility Roadmap" could be categorized into scientific (data-driven approaches leading to new technologies), economic/technological (development of enabling technologies that may lead to new business models), and social domains (enable users to execute their data rights).

Keywords: DRGs, Responsibility, Trust, Food system, Execute data rights

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