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SC 5-7

Progress

- Progress update follows actions arising during Working Group Configuration Discussion on 6th March
- Council discussion with Julie Peirce, FSA Director of Openness, Data and Digital on the 22nd of May 2019 valuable
- Phase 1 Summary Report in draft stage. Focusses on three areas:
 - Aspirations and Culture
 - Data Standards and Timeliness
 - Data Access and Trust

Progress

- Acute pace of change, both in respect to technical development and thought leadership a challenge to WG4 activities: transcends food and the FSA
- Strengthening centralised governmental position:
 - <https://www.gov.uk/government/groups/data-advisory-board-and-data-leaders-network>
 - <https://www.gov.uk/government/publications/national-data-strategy-open-call-for-evidence>
- A need to map key players?

Phase 2 Prospective Commissions

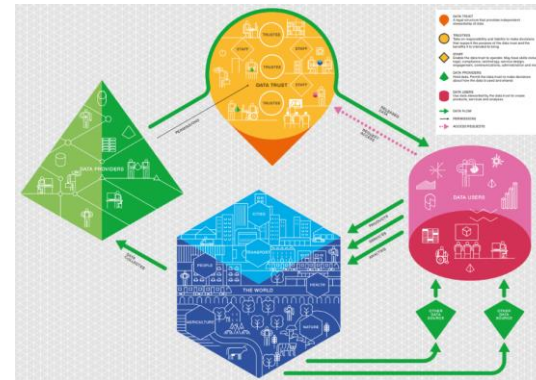
EPSRC-funded Internet of Food Things Network Plus



“Delivering a roadmap for the creation of a data trust for the food and drink sector”

The term “data trust” is still not universally agreed but is essentially ‘a repeatable framework of terms and mechanisms’ held together by ‘community-based data sharing agreements’

- Project plan: Version 2.1 shared
- Builds on the work of the Open Data Institute:
 - <https://theodi.org/article/what-is-a-data-trust/>
 - <https://theodi.org/article/odi-data-trusts-report/>



Task	M2	M4	M6		M8	M10	M12	Description
1	Green	Green	Green	Phase A report and phase B review				Identification of use & need cases
2	Orange	Orange	Orange					Business model for a data trust
3	Orange	Orange	Orange					Governance and Legal
4	White	Blue	Blue					Cyber security, technical standards and regulations
5	White	Yellow	Yellow					Design and initial build
6	White	White	Yellow			Yellow	Yellow	Minimum viable product
7	White	White	Grey			Grey	Grey	Testing and impact assessment
8	Yellow	Yellow	Yellow			Yellow	Yellow	Events and dissemination
9	Grey	Grey	Grey			Grey	Grey	Project leadership and reporting

Key components:

- Phase 1- Design, Phase 2- Build
- 12 month delivery with Phase 1 readout at 6 months to inform WG4
- Identification of suitable need case
- Structured and facilitated mechanisms for involving a diverse and relevant community of stakeholders in the process: legal, ethical, policy, behavioural and technical experts, in addition to food industry experts from across the supply chain
- Establishment of a robust & resilient governance framework

The Alan Turing Institute

Provide the FSA with a state-of-the-art summary of the latest developments and issues in the application of advanced data analytics to food safety and authenticity for improved system trust

- Knowledge elucidation including potential Delphi stakeholder exercise
- Bayesian Networks as a potential priority area in support of probabilistic [risk] analysis processes
- Thematic areas of greatest interest include: legal and ethical regulatory considerations, algorithm transparency & governance
- Technical demonstration may follow through a separate delivery model

Phase Two Questions:

Reflecting on WG4's original Phase Two questions, what else is required? How should the WG receive continued update on activity, what is the appetite etc?

- I. Identify what are likely to be the emerging data tools, techniques and technologies of the next 2-5 years which could have the greatest impact on the FSA's mission, and what value could these add?
- II. Consider what are the key implications for the FSA of advancements in open data, data sharing?
- III. Consider how can the FSA ensure that it adopts the right data governance and legal & regulatory frameworks for the use of data, including ethical use?
- IV. Advise on what are the options for the FSA to better understand and respond to the most significant issues?
- V. Consider how might the FSA appropriately support or encourage private sector or governmental adoption/adjustment thereof?
- VI. Consider how can the FSA assess and review its priorities?

Thank You

