



Prof. Patrick Wolfe
SC 4-7a

Background

- Patrick Wolfe commissioned by Sandy Thomas and Guy Poppy, to produce a [Steering Paper](#) to frame a discussion on a potential future Council Working Group on data.
- Steering Paper was discussed at the [Science Council meeting on the 27th of June](#) and Council agreed to creation of Working Group (WG4).
- WG4 met on the 27th September to discuss the WG4 Terms of Reference, scope of work, initial thoughts on key issues, and its approach to the task.

For Discussion and Agreement

- **Agree** updated WG4 Terms of Reference (SC 4-7b)
- **Agree** minutes of inaugural WG4 discussion (SC 4-7c)
- **Agree** proposal(s) for SEF commissioned work(s) in support of WG4 objectives (SC 4-7d)

WG4 Questions;

The WG will consider the following questions and provide a report setting out its analysis, conclusions and recommendations for FSA;

- I. Over the next 2-5 years, what are likely to be the emerging data tools, techniques and technologies which could have the greatest impact on the FSA's mission, including for its Regulating Our Future programme, and what value could these add?
- II. Where and how could the FSA benefit from modifying its data collection processes? What are the expected benefits of any changes?
- III. What are key implications for the FSA of advancements in open data, data sharing and how should the Agency go about leveraging them (including private / industry data)?
- IV. How can the FSA ensure that it adopts the right controls and governance around data? This will be informed by a review of data governance and legal & regulatory frameworks for the use of data in decision making (including pre-disclosure and pre-disposition in relation to machine learning and artificial intelligence), and, associated with this, the ethical use of data.

Approach;

Phase 1 (by May 2019)

- Consider the FSA's current use of technologies and data, understanding and identifying any obvious gaps or room for improvement.
- Identify who are the people or groups the FSA should be learning from and/or working with.
- Identify what additional inputs WG4 requires (expertise/insight/commentary).
- Consider if there is a need for WG4 to commission advice or research to inform its work, scope this work.
- Agree approach to Phase 2

Approach;

Phase 2 (by September 2019)

- Develop insight, analysis and conclusions for the four WG questions.
- 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?
- Consider what are the key implications for the FSA of advancements in open data, data sharing?
- 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?
- Advise on what are the options for the FSA to better understand and respond to the most significant issues?
- Consider how might the FSA appropriately support or encourage private sector or governmental adoption/adjustment thereof?
- Consider how can the FSA assess and review its priorities?

Actions Originating from 1st WG4 Meeting

Number	Action	Owner	Deadline
Sept 18-1	Table future WG4 discussion on how the FSA can best facilitate/develop cross-talk between data experts and FSA practitioners.	Secretariat	Spring/Summer 2019, as appropriate to Science Council investigation
Sept 18-2	WG4 should look at whether FSA has the structures in place to provide assurance that FSA will pick up data/digital opportunities in a consistent way.	WG4	Ongoing as part of WG4 output
Sept 18-3	FSA Data and Digital leads to consider whether the FSA should commission a skills audit run in parallel to the WG4 investigation.	Julie Pierce, Sian Thomas and Britt Kritzler	Science Council Meeting; 12 th December 2018
Sept 18-4	Raise WG4 intensions among the Governmental CSA Network, inviting further input and collaboration.	Guy Poppy	As appropriate before end of 2018.
Sept 18-5	Acknowledge and gather information from external sources to inform WG4 discussion on an ongoing basis.	Secretariat	Ongoing throughout WG4 investigation
Sept 18-6	Incorporate a question on data collection into the draft WG4 ToRs.	Secretariat in conjunction with Patrick Wolfe and Sian Thomas	Science Council Meeting; 12 th December 2018
Sept 18-7	Draft a SEF funded tender outline for an external project on the use of data in the regulatory context and consequences in relation to data standards and collection, for approval at the December Science Council meeting.	Secretariat in conjunction with Patrick Wolfe and Sian Thomas	Science Council Meeting; 12 th December 2018
Sept 18-8	Develop a WG4 recommendation that one of the five CPD days allocated to FSA staff annually should go on improving data handling.	WG4	Ongoing as part of WG4 output
Sept 18-9	Plan a series of exploratory discussions for WG4 to better understand FSA data usage and the need of individual workflows, as part Phase 1. Supporting briefing documents should be prepared.	Secretariat	Science Council Meeting; 12 th December 2018

Afternoon Workshop;

First Exploratory Session on FSA data usage and need;

Analytics Unit- presented by Vanna Aldin and Michelle Patel