AI AND CORPORATE REPORTING

Thomas Toomse-Smith

Project Director – FRC Lab

EUROFILING XBRL WEEK
WARSAW 28-30 MAY 2018

AGENDA

- What is the FRC Lab?
- Digital reporting
- AI and corporate reporting – the past?
- What is different this time?
- AI and corporate reporting – the future?
- Why regulators are interested
- How it all fits together
- How you can help

WHAT IS THE FRC LAB?

Vision

"To promote market innovation in corporate reporting through the publication of influential evidence-based research, presenting practical and pragmatic solutions developed with companies and the investment community, addressing their issues."

Wide scope

Work spans financial, narrative and governance reporting.

Financial Reporting

LAB

In a regulator but not regulation

Based within the UK's Financial Reporting Council but supported by a wide body of stakeholders from the Corporate Reporting Ecosystem.

Wide range of projects and views

Worked on more than 14 projects over the past 5 years and met with more than:
70 companies;
100 investment professionals; and
300 retail investors.

DIGITAL REPORTING

Production – This stage is focused on the collation, amalgamation, packaging and presentation of underlying financial and non-financial information from within a company or organisation with the express intention that it will be released externally. Production characteristics were of most interest to companies, and those supporting them.

Distribution – The stage is focused on the dissemination of the packaged information, both to meet regulatory requirements (e.g. National Storage Mechanism) and to communicate with external stakeholders. Distribution characteristics are of interest to both companies and those consuming the information.

Consumption – This stage is focused on the analysis and use of the distributed, packaged information. Consumption characteristics are of most interest to those utilising the information. These characteristics might attach equally to any individual piece of data, disclosure or document being used.
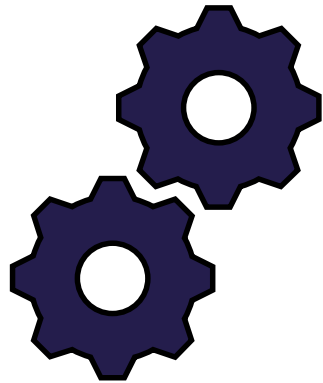
AI & REPORTING: THE PAST?

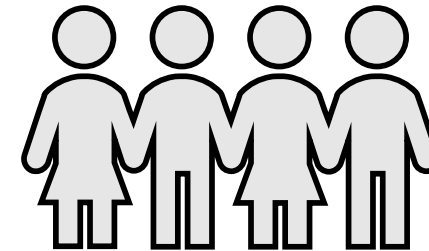"I find your lack of faith disturbing."
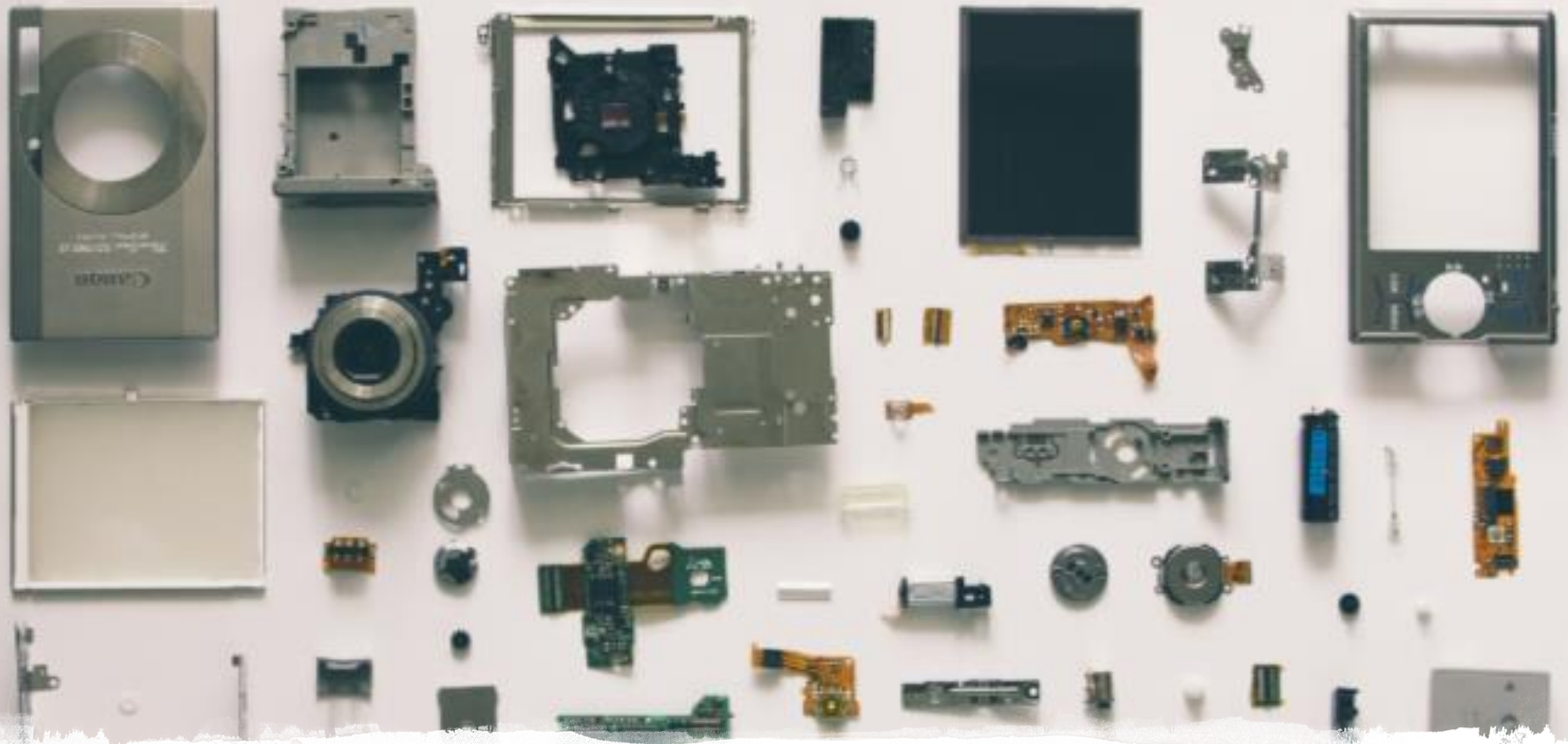
WHAT IS DIFFERENT THIS TIME?

Technology   Regulation   Expectation

"This station" is now the ultimate power in the universe, I suggest we use it."

AI & REPORTING: THE FUTURE?

Eurofiling xBRL|EUROPE

Production

- Automation
- Computer vision
- Artificial creativity
- Natural language processing
- Chat bot
- Sentiment analysis

Distribution

- Automation
- Computer vision
- Machine learning
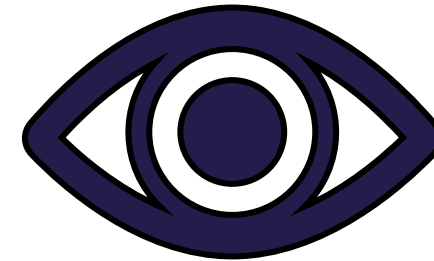- Natural language processing
- Activity recognition

Consumption

- Affective computing
- Automation
- Bot/chat bot
- Committee machines
- Computer vision
- Decision support
- Algorithmic trading
- Machine learning
- Natural language processing
- Sentiment analysis

WHY ARE REGULATORS INTERESTED
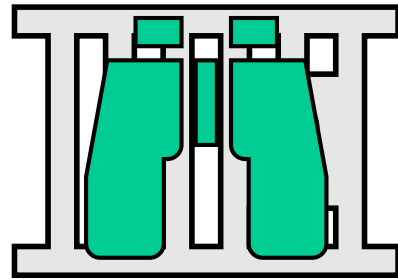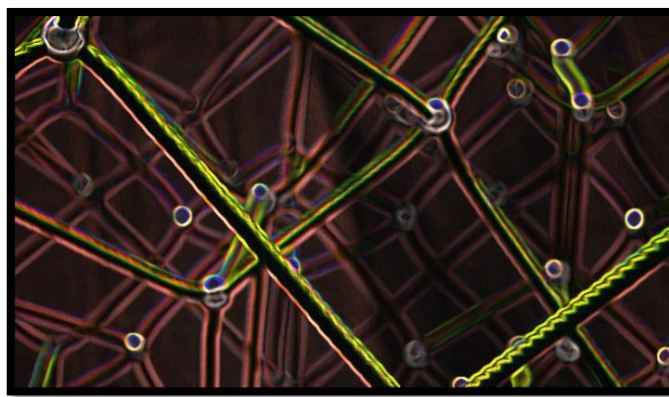
Identify &
Monitor

Consume
& Create

HOW IT ALL FITS TOGETHER

Structured data

+

Structured location

+

Structured analysis

= New possibilities

HOW YOU CAN HELP

"We are all interested in the future, for that is where you and I
are going to spend the rest of our lives"

THANK YOU

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