

Algorithmic Opportunities, Transparency and Accountability

S&D Roundtable on the Algorithmic Opportunities, Transparency and Accountability

29.06.2017

Algorithms transform industries



Consume





Finance

Algorithmic Trading





Governm

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Transpor Industria

Other

Augmented Reality

Aids

Health

Risk Mitigation

Retail

Cities

Security

Supply Chain

Safety & Security

Operational

Energy

Search & Rescue

Field Automation

Advertising Professional & IT Services Telco/Media Sports





Accountable Intelligence

Algorithmic accountability principles:

- 1) Organization commitment to accountability and adoption of internal policies consistent with external criteria.
- 2) Mechanisms to put *<privacy>* relevant policies into effect, including tools, training and education.
- 3) Systems for internal ongoing oversight and assurance reviews and external verification.
- 4) Transparency and mechanisms for individual participation.
- 5) Means for remediation and external enforcement.

Adapted from Information Accountability Foundation's accountability framework for data privacy



Recommendations

Accountable Intelligence:

Governments, industry and academia should apply the *Information Accountability Foundation's* principles to algorithmic decision-making.

Organizations implementing high-stakes algorithmic decision-making solutions should be able to demonstrate to regulators that they have the right processes, policies and resources in place to meet those principles.

Transparent decisions:

Policy makers should determine which implementations require algorithm explainability to mitigate discrimination and harm to individuals.



