## Interview Guide

The goal of this interview guide is to better understand the impact of legal requirements on the Fraud Analytics process of public administrations.

**General Questions**

* Can you describe your function within your organisation?
* What is your role related to Big Data Analytics in your organisation?

**Domain of Fraud**

* What does your organisation consider as a Tax Fraud/Social Security Infringement? How do you detect these frauds?
* How is this policy implemented? Who are the main actors and what are they doing?

**Data Collection and Combination**

* Which data sources do you use for decision making? From which actors?
* How are the data stored?
* Do you have procedures in place to answer data subjects’ right request under the GDPR (access, rectification, erasure,…)?
* How do you ensure the representativity of the datasets used to train the algorithms? How do you avoid biases?
* Could you tell us more about the data warehouse to fight tax fraud (Art. 5.1 of the Law of 3 August 2012)?
* Could you tell us more about the OASIS data warehouse (Art. 5bis of the Law of 15 January 1990)?
* Do you define the purposes before collecting and combining the data, or do you collect and combine the data first then define the purposes for which you’ll use them?
* How do you determine these purposes? Is it always linked to a legal obligation ?
* How do you determine the categories of data you will collect?
* How do you ensure that the data is kept up-to-date?
* Are the citizens informed about these data collections/combinations? If yes how?
* Do you combine data from several sources? What are the challenges?

**Data Analytics**

* Which techniques do you apply to analyse the data related to fraud?
* How did you start to use these techniques ?
* Are these technical tools developed internally or by private entities? Who holds the rights on the results?

**Use for Fraud Detection**

* Do you use different techniques depending on the type of fraud ?
* How is the output of the analytics phase presented? How does it impact decision-making of policy-makers?
* Are some decisions solely based on automated processing, or is there always a human intervention in the fraud detection process (confirmation, investigation, etc…)? How significant is it?
* Is the citizen made aware of the logic involved behind the decision (relevant factors)?
* How can the citizen contest the decision?
* Are you able to explain the predictions/decisions made by the algorithm?
* What are the other main legal challenges when using those techniques ?
* To what degree do you take into account public opinion and the opinions of external stakeholders (such as businesses) on new fraud detection techniques and data-gathering methods?

**Future directions and Closing Questions**

* What would be for you, personally, the future of fraud detection policy in 10 years ? What would be the main factors to make it happen? What would be the main obstacles ?
* Would you like to address another topic related to the research that we didn’t highlight in the interview?
* Are there other stakeholders in your organisation that would be relevant for us to interview?