



Transformative impact of disruptive technologies
in public services

www.token-project.eu

D8.3: PODP Req. N.3

Templates of informed consent



**Project full title**

Transformative impact of disruptive technologies in public services

Contract No.

870603

Strategic Objective

SC6-TRANSFORMATIONS-2019

Project Document Number

SC6-TRANSFORMATIONS-2019-870603-WP8-D8.5

Project Document Date

15.09.2020

Deliverable Type and Security

ETHICS – CO

Author

Karen Vega (FIWARE Foundation)

Contributors

Sofia Terzi CERTH, Jorge Fernández FBA, Johnny Choque & Laura Rodríguez de Lope UC, Juan Echevarria Cuenca AYTOSAN, Joris Finck & Klaas Gesquiere IMEC, Kris Neyens VIL, MUKA

Revision

Stefano de Panfilis, FIWARE Foundation

Table of Contents

1 Introduction	3
2 Objective & Scope	5
2.1 Objective	5
2.2 Scope	5
3 Definitions	6
4 Sample template of the Informed Consent Form	8

1 Introduction

Executive Summary

Organisations responsible for engaging research participants within the scope of the 4 PUCs (Pioneer Use Cases) of TOKEN shall use the template for informed consent summarized in section 4 of this document.

About this document

This document contains a template about the informed consent that will be used for research participants during the TOKEN project. Please note that the PUCs have not yet fully unfolded and an update of this document may be needed during the TOKEN Project life.

Intended audience

Confidential, only for members of the consortium (including the Commission Services)

Reading recommendations

This document is divided into 4 sections:

- Section 1: Introduction, it contains the executive summary regarding what is expected on this document
- Section 2: Objective and Scope states the focus of the document in line with the Description of Action for the TOKEN project
- Section 3: Definitions used in the informed consent template and also definition of the scope of the cases.
- Section 4: Template

2 Objective & Scope

2.1 Objective

The objective of this WP is to ensure compliance with the 'ethics requirements' set out by the EC and which are the scope of this work package.

2.2 Scope

The beneficiaries of the TOKEN project that engage research participants concerning the 4 Use Cases described in the Definition will be using this template of INFORMED Consent of the project.

3 Definitions

Informed consent.– is the decision, which must be written, dated and signed, to take part in a trial, taken freely after being duly informed of its nature, significance, implications and risks and appropriately documented, by any person capable of giving consent or, where the person is not capable of giving consent, by his or her legal representative; if the person concerned is unable to write, oral consent in the presence of at least one witness may be given in exceptional cases, as provided for in national legislation."

Purpose of the use cases.– The purpose of each use case performed in the project by WP3 is defined here:

- 1) **Public Funding** (by FBA) This task focuses on transforming the value chain of Public Funding Distribution via adding specific features to reduce admin burden and increase transparency and complementarity. This work includes:
 - a) coding of Smart Contracts that will rule the integration of the Open Call Submission System (GEAR) provided by FBA by using TOKEN SDK and TOKEN REST API
 - b) the application of the resulting system for the management of +6 Open calls during 18 th months.

The pilot will use a set of DAPPs¹ covering:

- Identification of beneficiaries and stakeholders (Evaluators, civil servants)
- stamping of specific milestones related with the deadlines of the different procedures that shape the full cycle of the service, i.e submission, deadline, evaluation, resolution, compliance, etc.)

¹ A decentralized application (DApp, dApp, Dapp, or dapp) is a computer application that runs on a distributed computing system. DApps have been popularized by distributed ledger technologies (DLT) such as the Ethereum Blockchain, where DApps are often referred to as smart contracts.

- tokenization of governance rights (voting during evaluation) and economic rights (payments); and
- data sharing (i.e. access to legal docs during compliance).

This use case will cover the evaluation of the transformation of the service from the perspective of different owners of providing the public value like Public Private Partnerships (PPP) Non for Profit Intermediaries and Public owners. This will be done involving a couple of satellite Nodes in Poland and Denmark that will follow the PUC. FBA will leverage its position as a Non Profit operator in the distribution of more than 100M EU for innovative SMEs and researchers.

2) Transparent Management of Accounts (by CERTH+MUKA) The focus will be saving cost, time and increasing trust in reconciliation of financial data from the different units of public expenditure at the whole municipality level. Outcome will be a real-time mechanism of synchronisation of databases powered by blockchain that will allow civil servants in charge of financial control and accountancy the level of expenditure. The system will help citizens and policy makers from third parties to know how public funding is spent. DAPPS will allow to identify the departments and civil servants authorized to make transactions within the network, creating proofs of stamp (i.e. public procurement), tokenization of economic rights (payments), voting permissions (participatory budgeting voting from citizens)

3) Last Mile City Logistics Smart Post Office (by IMEC+VIL) Focused on how the combination of DLT and IoT can bring to city logistics and how citizens can profit by: more efficient improvement for logistics service providers and shippers getting better pricing and less congestion for the city. TOKEN will deploy an innovative method to manage the identities of both end users and parcels by preserving privacy. TOKEN Stamping will help to track the position of the parcel and also collaboration between third parties. TOKEN Wallet and Data broker will support accountability of the system through record keeping.

4) Data Valorisation Services (by UC+AYTOSAN) the goal is to set up a transparent solution for evaluation and valorisation of the use of the data done by third parties independent of the owner of such data (including fair transactional mechanisms among different parties: content owner, intermediary platform,third party user) including incentives for disclosing personal data.

4 Sample template of the Informed Consent Form

This section provides a template that shall be used to get the consent from participant engaged in research performed in the context of each PUC. The text in red shall be customised according to the specific event and PUC. The text shall be considered as an example.

European Union's Horizon 2020 Project TOKEN

Consent Form

You have been invited to take part as a research participant/participant in the European project "TOKEN" (hereinafter also referred to as "[TOKEN](#)").

Before making a decision on whether you want to participate or not, please read this document carefully.

Please ask all the questions you may have so you can be completely sure that you understand all the proceedings of the research, including risks and benefits.

This informed consent document may include words that you do not understand. If this is the case, please ask the contact researcher or any other member of the study/research to fully explain the meaning of the word or clarify pieces of information.

At all times, we assure the compliance with the current national and European legislation.

Summary of the TOKEN project

TOKEN (Transformative Impact Of Blockchain Technologies in Public Services) is a EU funded project that aims at developing an experimental ecosystem to enable the adoption of Distributed Ledger Technologies (DLT) as a driver for the transformation of public services towards an open and collaborative government approach. Through 4 highly replicable Pioneer [Use Cases](#), TOKEN aims to prove its value as a driver for the transformation of public services on

1. public funding distribution
2. management of public accounts
3. urban logistics; and
4. valorisation of data.

TOKEN project reunites a multidisciplinary consortium of 11 partners comprising:

- a. IT developers/RTOs with experience in development of blockchain components/IoT & Big data platforms (Funding Box Accelerator (FBA), Interuniversity Microelectronics Centre (IMEC), Vlaam Instituut Voor De Logistiek VIL, Centre of Research and Technology Hellas (CERTH) , FIWARE Foundation,
- b. blockchain associations (Infrachain (INF)),

- c. public administrations (Ayuntamiento de Santander, Spain (AYTOSAN), Municipalidad de Katerini, Greece (KATERINI);
- d. SSH experts in public management (University of Cantabria UC) and
- e. think tanks specialised in digital transformation & policy-making (DEMOS) and Open Commons business models (Funding Box Research FBR).

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 870603.

Information gathered

This project will gather the following personal information

- Identification information such as name and firstname to identify you in case of questions
- Contact information such as email address to contact you for follow up questions or setup interviews
- Behaviour information such as your opinion on the project to analyze and improve the end result
- The above can be done via a recorded webinar, or other format for which you will be asked at the beginning of the recording.

Benefits of participation

[NOTE: The text in Red is to be completed depending on the specific event. the examples are referential]

With your participation you will make a substantial contribution to achieve TOKEN's project main goal, i.e. specifically through your participation [in the questionnaire to assess the end user requirements in the different Pioneer Use Cases or [please indicate what are you asking from the participant] this information will be used as the basis for the development of new relevant standards and empowering tools.

Consent form

1. I hereby consent to participate in the TOKEN project, Grant Agreement No 870603., in the context of the [questionnaire to evaluate the end user requirements] for the TOKEN project. I have been provided with information about the project and my rights (explained below) as a participant. Any questions I asked were answered to my satisfaction.

2. In relation to this project:

I agree to [complete questionnaires asking me about my opinions on the project]

I agree to [be interviewed by the researchers for upcoming questions in the context of TOKEN]

I agree that the personal data about me which is gathered in the course of and as the result of my participation in this project will be

- (i) collected and retained for the purpose of this project and
- (ii) accessed and analyzed by the researchers for the purpose of conducting this project.

3. I acknowledge that:

my participation is voluntary and that I am free to withdraw at any time without explanation; the TOKEN project is for the purpose of research and not for profit; my anonymity is guaranteed and I will not be identified in publications or otherwise without my express written consent;

I am aware that I have the following rights as a data subject, which I can exercise with the controller:

- The right to access
- The right to rectification
- The right to erasure
- The right to restriction of processing
- The right to be informed about recipients after a request for rectification, erasure or restriction of processing
- The right to data portability
- The right to object
- The right not to be subjected to automated individual decision-making, including profiling.

I am aware that there is a controller and processor of my personal data and that and that parts of the data regarding [standardization to develop a [] standard will be processed by the [BENEFICIARY, ADDRESS] parts of the data [regarding questions required for developing training methods will be processed by BENEFICIARY, ADDRESS].

I have been informed of the procedure on how to exercise these rights with the controller, namely: sending an e-mail to E-MAIL ADDRESS

I am aware of the purposes for which my data is gathered and processed in this project, namely: [the evaluation of the end user requirements for the development of new relevant standards and empowering tools];

I am aware of the legal ground on which the processing of my personal data is based, namely consent;

As stated above, I am aware that I can withdraw my consent freely at any given time, however without affecting the lawfulness of the processing prior to the withdrawal of consent;

I am aware of the possible recipients of the personal data I provide in this participation. The published results though, will always be anonymized. These possible recipients are the members of the consortium of the TOKEN project and [Mention any additional if there is BENEFICIARY, ADDRESS]

I am aware that my personal data will be kept by the named recipients to fulfill their tasks within the EUROPEAN UNION's Horizon 2020 research and innovation program under Grant Agreement 870603

My data will be stored for the duration of the project and may be stored after the completion of the project if justifiable grounds to do so exist, e.g. the necessity to retain the data in order to prove the reliability of the system or maintain the viability of the exploitation of the project;

The data provided in this participation may be further used for validation of the given answers;

I am aware I can at any time and without any prior requirements to be fulfilled file a complaint at the competent national data protection authority should I be displeased with the manner in which my personal data is being handled. For this participation the competent national data protection authority is

1. for Germany: Der Bundesbeauftragte für den Datenschutz und die Informationsfreiheit, Husarenstr. 30, 53117 Bonn
2. for Belgium: Gegevensbeschermingsautoriteit, Drukpersstraat 35, 1000 Brussel
3. for Spain: Agencia Española de Protección de Datos, C/ Jorge Juan, 6. 28001 – Madrid
4. for Greece: Kifissias 1–3, 115 23 Athens, Greece
5. include your country

By signing this document I agree to participate in this project under the terms set out above. My signature confirms that I accept and understand these conditions without reservation.

Name of the participant / participating agency

Signature