



**EUROPEAN COMMISSION**

Directorate-General for Communications Networks, Content and  
Technology

Digital Innovation and Blockchain



## **ANNEX 1 (part A)**

**Coordination and support action**

**NUMBER — 825215 — FIN-TECH**

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## 1.1. The project summary

Project Number <sup>1</sup>	825215	Project Acronym <sup>2</sup>	FIN-TECH
One form per project			
General information			
Project title <sup>3</sup>	A FINancial supervision and TECHnology compliance training programme		
Starting date <sup>4</sup>	01/01/2019		
Duration in months <sup>5</sup>	24		
Call (part) identifier <sup>6</sup>	H2020-ICT-2018-2		
Topic	ICT-35-2018 Fintech: Support to experimentation frameworks and regulatory compliance		
Fixed EC Keywords			
Free keywords	Artificial Intelligence, Big data analytics, Blockchain, Machine Learning, Data Science, Network Science, Peer to peer lending, Robot Advisory, Crypto assets, Cybersecurity, RegTech, SupTech		
Abstract <sup>7</sup>			
<p>Financial Technology (Fin Tech) means "Technology enabled financial innovations". There is a strong need to improve the competitiveness of the European Fin Tech sector, creating a common regulatory field across all countries which, while encouraging innovations in Big Data analytics, Artificial Intelligence, and Blockchain technologies, can correctly measure their risks. Europe is a broad mosaic of regulatory landscapes. Policy makers and regulators must move quickly to establish a new regulatory framework for emerging fintechs, without stifling their economic potential.</p> <p>The FIN-TECH project, under the EU's Horizon2020 funding scheme, aims to create a European training programme, aimed at providing shared risk management solutions that automatize compliance of Fintech companies (RegTech) and, at the same time, increases the efficiency of supervisory activities (SupTech). In other words, we aim at connecting FINancial supervision with TECHnological compliance, from which the acronym of the project: FIN-TECH.</p> <p>The project programme will be built jointly by 24 university and fintech partners that are established experts in fintech risk management, that will share knowledge with regulators, supervisors and fintech associations and hubs from all 28 European Union countries, plus Switzerland.</p> <p>The goals of the project will be achieved through research activity in risk management models for Big data analytics, AI and Blockchain applications to finance, discussed in three different research workshops; two levels of knowledge exchange sessions: a training level, run at the location of the involved supervisor in each of the 29 countries, to achieve uniformity across Europe; a coding level, centralised at the location of six different fintech hubs. The project will be simultaneously disseminated and validated through a dedicated web site, social network activity, users feedback and validation by established bank, insurance and investment funds.</p>			

## 1.2. List of Beneficiaries

Project Number <sup>1</sup>	825215	Project Acronym <sup>2</sup>	FIN-TECH
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### List of Beneficiaries

No	Name	Short name	Country	Project entry date <sup>8</sup>	Project exit date
1	UNIVERSITA DEGLI STUDI DI PAVIA	UNIPV	Italy		
2	HUMBOLDT-UNIVERSITAET ZU BERLIN	UBER	Germany		
3	ZURCHER HOCHSCHULE FUR ANGEWANDTE WISSENSCHAFTEN	ZHAW	Switzerland		
4	UNIVERSITY COLLEGE LONDON	UCL	United Kingdom		
5	ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI	ASE Bucuresti	Romania		
6	MODEFINANCE SRL	MODEFINANCE SRL	Italy		
7	FIRAMIS GMBH	FIRAMIS GmbH	Germany		
8	PANTEIO PANEPISTIMIO KOINONIKON KAIPOLITIKON EPISTIMON	PANTEION	Greece		
9	INESC TEC - INSTITUTO DE ENGENHARIA DE SISTEMAS E COMPUTADORES, TECNOLOGIA E CIENCIA	INESC TEC	Portugal		
10	UNIVERSITE PARIS I PANTHEON-SORBONNE	UP1	France		
11	POLITECNICO DI MILANO	POLIMI	Italy		
12	UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN	NUID UCD	Ireland		
13	UNIVERSITE DU LUXEMBOURG	UL	Luxembourg		
14	INSTITUT JOZEF STEFAN	JSI	Slovenia		
15	UNIWERSYTET WARSZAWSKI	UNIWARSAW	Poland		
16	SVEUCILISTE U RIJECI EKONOMSKI FAKULTET	UNI RIJEKA EFRI	Croatia		
17	UNIVERSIDAD COMPLUTENSE DE MADRID	UCM	Spain		
18	EKONOMICKA UNIVERZITA V BRATISLAVE	EUBA	Slovakia		
19	KAUNO TECHNOLOGIJOS UNIVERSITETAS	KTU	Lithuania		
20	Masarykova univerzita	MU	Czech Republic		
21	B HIVE EU	B-Hive	Belgium		
22	IKONOMICESKI UNIVERSITET - VARNA	UE-Varna	Bulgaria		

## 1.2. List of Beneficiaries

No	Name	Short name	Country	Project entry date <sup>8</sup>	Project exit date
23	TAMPEREEN KORKEAKOULUSAATIO SR	UTA	Finland		
24	WIRTSCHAFTSUNIVERSITAT WIEN	WU	Austria		

## 1.3. Workplan Tables - Detailed implementation

### 1.3.1. WT1 List of work packages

WP Number <sup>9</sup>	WP Title	Lead beneficiary <sup>10</sup>	Person-months <sup>11</sup>	Start month <sup>12</sup>	End month <sup>13</sup>
WP1	Management	1 - UNIPV	55.00	1	24
WP2	Big Data Analytics Research	2 - UBER	50.00	1	24
WP3	Artificial Intelligence Research	4 - UCL	50.00	1	24
WP4	Blockchain Research	10 - UP1	50.00	1	24
WP5	SupTech workshops	1 - UNIPV	130.00	1	21
WP6	RegTech workshops	7 - FIRAMIS GmbH	25.00	1	21
WP7	Dissemination	7 - FIRAMIS GmbH	40.00	1	24
<b>Total</b>			400.00		

### 1.3.2. WT2 list of deliverables

<b>Deliverable Number<sup>14</sup></b>	<b>Deliverable Title</b>	<b>WP number<sup>9</sup></b>	<b>Lead beneficiary</b>	<b>Type<sup>15</sup></b>	<b>Dissemination level<sup>16</sup></b>	<b>Due Date (in months)<sup>17</sup></b>
D1.1	Network Establishment	WP1	1 - UNIPV	Report	Public	1
D1.2	Technical output	WP1	1 - UNIPV	Report	Public	24
D1.3	Financial output	WP1	1 - UNIPV	Report	Public	24
D2.1	Repository of research and consortium papers (BDA)	WP2	2 - UBER	Websites, patents filling, etc.	Public	24
D3.1	Repository of research and consortium papers (AI)	WP3	4 - UCL	Websites, patents filling, etc.	Public	24
D4.1	Repository of research and consortium papers (BC)	WP4	10 - UP1	Websites, patents filling, etc.	Public	24
D5.1	Repository of use cases and slides in big data analytics	WP5	1 - UNIPV	Websites, patents filling, etc.	Public	9
D5.2	Repository of use cases and slides in artificial intelligence	WP5	1 - UNIPV	Websites, patents filling, etc.	Public	17
D5.3	Repository of use cases and slides in blockchain	WP5	1 - UNIPV	Websites, patents filling, etc.	Public	21
D6.1	Research and development environment	WP6	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	3
D7.1	Establishment of website and social media channels.	WP7	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	1
D7.2	Event participation repository	WP7	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	24
D7.5	Event feedback repository	WP7	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	24
D7.6	Intermediate Evaluation report	WP7	7 - FIRAMIS GmbH	Report	Public	12
D7.7	Final Evaluation report	WP7	7 - FIRAMIS GmbH	Report	Public	24
D7.8	Advisory Board report	WP7	7 - FIRAMIS GmbH	Report	Public	24

### 1.3.3. WT3 Work package descriptions

<b>Work package number</b> <sup>9</sup>	WP1	<b>Lead beneficiary</b> <sup>10</sup>	1 - UNIPV
<b>Work package title</b>	Management		
<b>Start month</b>	1	<b>End month</b>	24

#### Objectives

The Management work package coordinates the overall work of the project and its implementation. It coordinates the technical work of the different work packages and ensures the effectiveness of the project, in a timely manner. It coordinates and monitors financial administration of the different partners, ensuring efficiency of the project, in a high-quality manner. It coordinates internal communication, communication to the EC, and external communication. The specific objectives of the management work package are:

- O1.1: Coordinate and maintain cooperation among all involved partners;
- O1.2: Coordinate technical management of the project;
- O1.3: Coordinate financial management of the project;
- O1.4: Coordinate communication of the project;
- O1.5: Coordinate submission of all deliverables to the EC.

#### Description of work and role of partners

##### **WP1 - Management** [Months: 1-24]

**UNIPV**, **UBER**, **ZHAW**, **UCL**, **ASE Bucuresti**, **MODEFINANCE SRL**, **FIRAMIS GmbH**, **PANTEION**, **INESC TEC**, **UP1**, **POLIMI**, **NUID UCD**, **UL**, **JSI**, **UNIWARSAW**, **UNI RIJEKA EFRI**, **UCM**, **EUBA**, **KTU**, **MU**, **B-Hive**, **UE-Varna**, **UTA**, **WU**

WP1 is led by UNIPV and supported by all partners. The work is divided into the following tasks:

Task 1.1. Establishment of the FIN-TECH Network (all, UNIPV). Every partner in the network is responsible for approaching and bringing on board its national supervisory body and/or fintech hub, which agrees to take part in the knowledge exchange platform, by following the SupTech and/or RegTech workshops under the three topics: (i) big data analytics, (ii) artificial intelligence and (iii) blockchain. The commitment of supervisors and/or fintech hubs needs to be confirmed by a signed Letter Of Intent.

Task 1.2. Establishment of the FIN-TECH Advisory Board (UNIPV). An Advisory Board (AB) with expert participants needs to be established for the purpose of providing independent advice on the project. The membership in the AB will be drawn from universities, regulatory bodies, fintech hubs and financial institutions outside the EU so to ensure the global inclusiveness of the project. Participation in the Advisory Board needs to be confirmed by a written e-mail agreement between the individual members and the project coordinator. UNIPV is responsible for managing the relationships with the Advisory Board.

Task 1.3. Technical coordination (UNIPV). The purpose of this task is to monitor the content and progress of each work package as well as to coordinate the co-operation among work packages and assure the effectiveness of the project, according to appropriate measurement standards. In this respect, UNIPV will assign a technical manager to the project which will work in coordination with the project coordinator to ensure that milestones are respected, and deliverables are submitted in time. Specifically, the technical manager will check with each partner ahead of the planned milestones and deliverables whether they are going to be completed in time and with the required quality.

Task 1.4. Financial coordination (UNIPV). The purpose of this task is to monitor how the financial resources allocated to each partner are employed, to ensure effectiveness of the project. In this respect, UNIPV will assign a financial manager to the project which will work in coordination with the technical manager and with the administrative offices of UNIPV to ensure financial compliance. Specifically, the financial manager will check with the technical manager in advance whether each partner respects the milestones and deliverables and in which proportion; and will assign the corresponding budget.

Task 1.5 Communication (UNIPV). The management work package will be responsible for the internal communications within the consortium, and for the communication with regulators, supervisors, fintech hubs, with the advisory board, with the validating banks, and for reporting to the EC. In this respect, UNIPV will assign a communication manager to the project, who will manage all relationships. UNIPV will be also responsible for the approval of the materials chosen for dissemination.



### Participation per Partner

Partner number and short name	WP1 effort
1 - UNIPV	32.00
2 - UBER	1.00
3 - ZHAW	1.00
4 - UCL	1.00
5 - ASE Bucuresti	1.00
6 - MODEFINANCE SRL	0.50
7 - FIRAMIS GmbH	1.00
8 - PANTEION	1.00
9 - INESC TEC	1.00
10 - UP1	2.00
11 - POLIMI	1.00
12 - NUID UCD	1.00
13 - UL	1.00
14 - JSI	1.00
15 - UNIWARSAW	1.00
16 - UNI RIJEKA EFRI	1.00
17 - UCM	1.00
18 - EUBA	1.00
19 - KTU	1.00
20 - MU	1.00
21 - B-Hive	1.00
22 - UE-Varna	1.00
23 - UTA	1.00
24 - WU	0.50
<b>Total</b>	<b>55.00</b>

### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D1.1	Network Establishment	1 - UNIPV	Report	Public	1
D1.2	Technical output	1 - UNIPV	Report	Public	24
D1.3	Financial output	1 - UNIPV	Report	Public	24

### Description of deliverables

D1.1 (M1). Establishment of the FIN-TECH network and of the Advisory Board;

D1.2 (M24) Technical output: integration of research paper repositories, slides and use cases for suptech and regtech workshops.

D1.3 (M24) Financial output: financial reporting to the partners and to the EC.

D1.1 : Network Establishment [1]

Establishment of the FIN-TECH network and of the Advisory Board;

D1.2 : Technical output [24]

Integration of project deliverables: slides, use cases, feedback and evaluation reports.

D1.3 : Financial output [24]

Financial reporting to the partners and to the EC.

#### Schedule of relevant Milestones

Milestone number <sup>18</sup>	Milestone title	Lead beneficiary	Due Date (in months)	Means of verification
MS2	Completion of the technical plan	1 - UNIPV	1	Completion of the technical plan
MS3	Completion of the financial plan	1 - UNIPV	1	Completion of the financial plan
MS33	Intermediate technical output	1 - UNIPV	12	Intermediate technical output
MS34	Intermediate financial output	1 - UNIPV	12	Intermediate financial output
MS71	Final technical output	1 - UNIPV	23	Final technical output
MS72	Final financial output	1 - UNIPV	23	Final financial output

<b>Work package number</b> <sup>9</sup>	WP2	<b>Lead beneficiary</b> <sup>10</sup>	2 - UBER
<b>Work package title</b>	Big Data Analytics Research		
<b>Start month</b>	1	<b>End month</b>	24

### Objectives

The Big Data Analytics Research work package will focus on the creation of new knowledge about risk management models, in the application of big data analytics to finance. Specifically, the platform comprises the research work which all partners of the project will undertake for the purpose of measuring the risks related with the innovative FinTech processes based on big data analytics. The WP has two main objectives:

O2.1. Establish the state of art concerning risk management models for peer to peer lending;

O2.2. Improve standards about risk management in peer to peer lending, introducing new risk management models which will enable automatised compliance for fintech companies and will increase the efficiency of supervisory activities.

### Description of work and role of partners

#### **WP2 - Big Data Analytics Research** [Months: 1-24]

**UBER**, UNIPV, ZHAW, UCL, ASE Bucuresti, MODEFINANCE SRL, FIRAMIS GmbH, PANTEION, INESC TEC, UP1, POLIMI, NUID UCD, UL, JSI, UNIWARSAW, UNI RIJEKA EFRI, UCM, EUBA, KTU, MU, B-Hive, UE-Varna, UTA, WU

WP2 is led by UBER and supported by all partners. The work is divided into the following tasks:

Task 2.1. Technical coordination (UBER). UBER as WP leader, is responsible for monitoring the progress of the research efforts of individual partners within the consortium. Each partner will be required to share new research (papers and use cases), related to the financial application of big data analytics, to UBER, which will launch and maintain a research repository, accessible by all.

Task 2.2. Technical validation (UBER). UBER will organise a research validation workshop where the finally developed models in BDA will be shared with the partners and the advisors of the project. Specifically, UBER is responsible for: choosing the research contents of the workshop, choosing and funding the location of the workshop and associated services (rental and catering); inviting all partners and external advisors. UNIPV is responsible of approving the agenda and chairing the workshop.

### Participation per Partner

<b>Partner number and short name</b>	<b>WP2 effort</b>
1 - UNIPV	8.00
2 - UBER	8.00
3 - ZHAW	2.00
4 - UCL	3.00
5 - ASE Bucuresti	2.00
6 - MODEFINANCE SRL	1.00
7 - FIRAMIS GmbH	1.00
8 - PANTEION	3.00
9 - INESC TEC	1.00
10 - UP1	3.00
11 - POLIMI	1.00
12 - NUID UCD	1.00

Partner number and short name	WP2 effort
13 - UL	1.00
14 - JSI	1.00
15 - UNIWARSAW	1.00
16 - UNI RIJEKA EFRI	1.00
17 - UCM	2.00
18 - EUBA	1.00
19 - KTU	3.00
20 - MU	1.00
21 - B-Hive	2.00
22 - UE-Varna	1.00
23 - UTA	1.00
24 - WU	1.00
<b>Total</b>	<b>50.00</b>

#### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D2.1	Repository of research and consortium papers (BDA)	2 - UBER	Websites, patents filling, etc.	Public	24

#### Description of deliverables

D2.1 (M24) Repository of research and consortium papers (BDA)

D2.1 : Repository of research and consortium papers (BDA) [24]

Repository of research and consortium papers from the Big Data Analytics research

#### Schedule of relevant Milestones

Milestone number <sup>18</sup>	Milestone title	Lead beneficiary	Due Date (in months)	Means of verification
MS4	Completion of initial workshop	1 - UNIPV	1	Completion of initial workshop
MS77	Completion of Research workshop on BDA model validation	2 - UBER	9	Completion of Research workshop on BDA model validation

<b>Work package number</b> <sup>9</sup>	WP3	<b>Lead beneficiary</b> <sup>10</sup>	4 - UCL
<b>Work package title</b>	Artificial Intelligence Research		
<b>Start month</b>	1	<b>End month</b>	24

### Objectives

The Artificial Intelligence Research work package will focus on the creation of new knowledge about risk management models in the application of artificial intelligence in finance. Specifically, the WP platform comprises the research work which all partners of the project will undertake for the purpose of measuring the risks arising from artificial intelligence applications and, specifically, from robot advisory asset management. The WP has the following objectives:

O3.1. Establish the state of art concerning risk management models in robot advisory asset allocation;

O3.2. Improve risk management standards in robot advisory asset management by introducing risk management models which will enable automatized compliance of fintech companies and which will increase the efficiency of the supervisory activities.

### Description of work and role of partners

#### **WP3 - Artificial Intelligence Research** [Months: 1-24]

UCL, UNIPV, UBER, ZHAW, ASE Bucuresti, MODEFINANCE SRL, FIRAMIS GmbH, PANTEION, INESC TEC, UP1, POLIMI, NUID UCD, UL, JSI, UNIWARSAW, UNI RIJEKA EFRI, UCM, EUBA, KTU, MU, B-Hive, UE-Varna, UTA, WU

WP3 is led by UCL and supported by all partners including, in particular, UNIPV. The work is divided into the following tasks:

Task 3.1. Technical coordination (UCL). UCL, as WP leader, is responsible for monitoring the progress of the research efforts of individual partners within the consortium. Each partner will be required to share new research (papers and use cases), related to risk management for robot advisory, to UCL, which will launch and maintain paper repositories accessible by all.

Task 3.2. Technical validation (UCL). UCL will organise a research validation workshop where the finally developed risk management models for robot advisory will be shared with the partners and the advisors of the project. Specifically, UCL is responsible for: choosing the research contents of the workshop, choosing and funding the location of the workshop and associated services (rental and catering); inviting all partners and external advisors. UNIPV is responsible of approving the agenda and chairing the workshop.

### Participation per Partner

<b>Partner number and short name</b>	<b>WP3 effort</b>
1 - UNIPV	7.00
2 - UBER	2.00
3 - ZHAW	2.00
4 - UCL	9.00
5 - ASE Bucuresti	2.00
6 - MODEFINANCE SRL	1.00
7 - FIRAMIS GmbH	1.00
8 - PANTEION	3.00
9 - INESC TEC	1.00
10 - UP1	4.00
11 - POLIMI	1.00
12 - NUID UCD	1.00

Partner number and short name	WP3 effort
13 - UL	1.00
14 - JSI	1.00
15 - UNIWARSAW	1.00
16 - UNI RIJEKA EFRI	1.00
17 - UCM	2.00
18 - EUBA	1.00
19 - KTU	3.00
20 - MU	1.00
21 - B-Hive	2.00
22 - UE-Varna	1.00
23 - UTA	1.00
24 - WU	1.00
<b>Total</b>	<b>50.00</b>

#### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D3.1	Repository of research and consortium papers (AI)	4 - UCL	Websites, patents filling, etc.	Public	24

#### Description of deliverables

D3.1 (M24) Repository of research and consortium papers (AI)  
D3.1 : Repository of research and consortium papers (AI) [24]  
Repository of research and consortium papers from the Artificial Intelligence research

#### Schedule of relevant Milestones

Milestone number <sup>18</sup>	Milestone title	Lead beneficiary	Due Date (in months)	Means of verification
MS49	Completion of mid-term workshop	5 - ASE Bucuresti	12	Completion of mid-term workshop
MS78	Completion of Research workshop on AI model validation	4 - UCL	17	Completion of Research workshop on AI model validation

<b>Work package number</b> <sup>9</sup>	WP4	<b>Lead beneficiary</b> <sup>10</sup>	10 - UP1
<b>Work package title</b>	Blockchain Research		
<b>Start month</b>	1	<b>End month</b>	24

### Objectives

The Blockchain Research work package will focus on the creation of new knowledge about risk management models in the application of Blockchain to finance. Specifically, the platform comprises the research work which all partners of the project will undertake for the purpose of measuring the risks arising from the application of Blockchain to finance. The WP has the following objectives:

O4.1. Establish the state of art concerning risk management models for blockchain applications in finance;

O4.2. Improve risk management standards for the application of blockchain in finance by introducing risk management models which will enable automatized compliance of fintech companies and which will increase the efficiency of the supervisory activities.

### Description of work and role of partners

#### **WP4 - Blockchain Research** [Months: 1-24]

**UP1**, UNIPV, UBER, ZHAW, UCL, ASE Bucuresti, MODEFINANCE SRL, FIRAMIS GmbH, PANTEION, INESC TEC, POLIMI, NUID UCD, UL, JSI, UNIWARSAW, UNI RIJEKA EFRI, UCM, EUBA, KTU, MU, B-Hive, UE-Varna, UTA, WU

WP4 is led by University of Paris 1 (Paris 1) and supported by all partners including, in particular, UNIPV. The work is divided into the following tasks:

Task 2.1. Technical coordination (Paris 1). University of Paris 1, as WP leader, is responsible for monitoring the progress of the research efforts of individual partners within the consortium. Each partner will be required to share new research (papers and use cases), related to risk management models related to the application of the blockchain in finance, to Paris 1, which will launch and maintain paper repositories accessible by all.

Task 2.3. Technical validation (Paris I) Paris I will organise a research validation workshop where the finally developed risk management models in Blockchain will be shared with all partners and advisory board members. Specifically, Paris 1 is responsible for: choosing the research contents of the workshop, choosing and funding the location of the workshop and associated services (rental and catering); inviting all partners and external advisors. UNIPV is responsible of approving the agenda and chairing the workshop.

### Participation per Partner

<b>Partner number and short name</b>	<b>WP4 effort</b>
1 - UNIPV	6.00
2 - UBER	3.50
3 - ZHAW	2.00
4 - UCL	2.00
5 - ASE Bucuresti	2.00
6 - MODEFINANCE SRL	0.50
7 - FIRAMIS GmbH	1.00
8 - PANTEION	3.00
9 - INESC TEC	1.00
10 - UP1	9.00
11 - POLIMI	1.00
12 - NUID UCD	1.00

Partner number and short name	WP4 effort
13 - UL	1.00
14 - JSI	1.00
15 - UNIWARSAW	1.00
16 - UNI RIJEKA EFRI	1.00
17 - UCM	4.00
18 - EUBA	1.00
19 - KTU	3.00
20 - MU	1.00
21 - B-Hive	2.00
22 - UE-Varna	1.00
23 - UTA	1.00
24 - WU	1.00
<b>Total</b>	<b>50.00</b>

#### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D4.1	Repository of research and consortium papers (BC)	10 - UP1	Websites, patents filling, etc.	Public	24

#### Description of deliverables

Deliverables (brief description and month of delivery)  
D4.1 (M24) Research repository of research and consortium papers (BC)  
D4.1 : Repository of research and consortium papers (BC) [24]  
Repository of research and consortium papers from Blockchain research

#### Schedule of relevant Milestones

Milestone number <sup>18</sup>	Milestone title	Lead beneficiary	Due Date (in months)	Means of verification
MS76	Completion of final workshop	1 - UNIPV	24	Completion of final workshop
MS79	Completion of Research workshop on BC model validation	10 - UP1	21	Completion of Research workshop on BC model validation



<b>Work package number</b> <sup>9</sup>	WP5	<b>Lead beneficiary</b> <sup>10</sup>	1 - UNIPV
<b>Work package title</b>	SupTech workshops		
<b>Start month</b>	1	<b>End month</b>	21

### Objectives

The SupTech work package aims to create a unified European fintech risk management expertise by means of knowledge exchange sessions with supervisors, increasing the efficiency of supervisory activities (SupTech) in the fintech framework. The content of the SupTech WP will cover risk management models arising from the application of each of three main innovative technologies (big data analytics, artificial intelligence and blockchain).

The objective of the work package are:

O5.1. To develop common knowledge on the risks arising from the financial applications of: (i) big data analytics, (ii) artificial intelligence and (iii) blockchain;

O5.2. To develop common expertise on the risk management models arising from the financial application of: (i) big data analytics, (ii) artificial intelligence and (iii) blockchain;

### Description of work and role of partners

#### **WP5 - SupTech workshops** [Months: 1-21]

**UNIPV**, UBER, ZHAW, UCL, ASE Bucuresti, FIRAMIS GmbH, PANTEION, INESC TEC, UP1, POLIMI, NUID UCD, UL, JSI, UNIWARSAW, UNI RIJEKA EFRI, UCM, EUBA, KTU, MU, B-Hive, UE-Varna, UTA, WU

WP5 is led by UNIPV and supported by all partners. The work is divided into the following tasks:

Task 5.1. Technical coordination. Through the creation of common material (slides and use cases) for the SupTech workshops (all, UNIPV). For the purpose of ensuring common understanding and expertise concerning risk management models related to the application in finance of each of the three main technologies (big data analytics, artificial intelligence and blockchain), the SupTech WP will organise workshops at the national level, based on the common materials. Specifically, UNIPV provides partners with a deadline for sending slides in latex taken from use cases, each supported by paper, data and code, concerning the three topics. UNIPV assembles the material in latex, produces a pdf version, and sends it to all partners, for its use as a common material. Partners can add to the common material personalised content.

Task 5.2. Execution of SupTech workshops. Each partner organises 3 SupTech Workshops, each of which consists of at least 16 hours of knowledge exchange with the corresponding national supervisor, based on the project use-cases (at least 3), plus personalised material. Collaborations between partners is encouraged, through cross-training and joint regional workshops.

All partners carrying out the training are responsible for the registration of all participants and for collecting their feedback, to be sent to the dissemination work package leader.

Task 5.3. Monitoring the execution of the SupTech workshops. UNIPV is responsible for monitoring the execution of the SupTech activities and make sure that activities are carried out in line with the proposed programme containing, in particular, the presentation of at least three use cases from the consortium per topic. UNIPV will also check whether all SupTech hours are correctly completed, the use cases are presented and the feedback is collected.

### Participation per Partner

<b>Partner number and short name</b>	<b>WP5 effort</b>
1 - UNIPV	18.00
2 - UBER	6.00
3 - ZHAW	4.00
4 - UCL	6.00
5 - ASE Bucuresti	6.00
7 - FIRAMIS GmbH	8.00

Partner number and short name	WP5 effort
8 - PANTEION	8.00
9 - INESC TEC	4.00
10 - UPI	6.00
11 - POLIMI	3.00
12 - NUID UCD	3.00
13 - UL	3.00
14 - JSI	3.00
15 - UNIWARSAW	3.00
16 - UNI RIJEKA EFRI	4.00
17 - UCM	6.00
18 - EUBA	4.00
19 - KTU	15.00
20 - MU	3.00
21 - B-Hive	7.00
22 - UE-Varna	4.00
23 - UTA	3.00
24 - WU	3.00
<b>Total</b>	<b>130.00</b>

#### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D5.1	Repository of use cases and slides in big data analytics	1 - UNIPV	Websites, patents filling, etc.	Public	9
D5.2	Repository of use cases and slides in artificial intelligence	1 - UNIPV	Websites, patents filling, etc.	Public	17
D5.3	Repository of use cases and slides in blockchain	1 - UNIPV	Websites, patents filling, etc.	Public	21

#### Description of deliverables

Deliverables (brief description and month of delivery)

D5.1 (M6) Repository of use cases and slides for big data analytics

D5.2 (M14) Repository of use cases and slides for artificial intelligence

D5.3 (M21) Repository of use cases and slides for blockchain

D5.1 : Repository of use cases and slides in big data analytics [9]

Repository of use cases (including paper, data and code) and slides in big data analytics shared during the Suptech and RegTech workshops.

D5.2 : Repository of use cases and slides in artificial intelligence [17]

Repository of use cases and slides (including paper, data and code) in artificial intelligence shared during the Suptech and RegTech workshops.

D5.3 : Repository of use cases and slides in blockchain [21]

Repository of use cases (including paper, data and code) and slides in blockchain shared during the Suptech and RegTech workshops.

#### Schedule of relevant Milestones

<b>Milestone number<sup>18</sup></b>	<b>Milestone title</b>	<b>Lead beneficiary</b>	<b>Due Date (in months)</b>	<b>Means of verification</b>
MS27	Completion of SupTech activities for BDA	1 - UNIPV	6	Completion of SupTech activities for BDA
MS50	Completion of SupTech activities for AI	1 - UNIPV	14	Completion of SupTech activities for AI
MS56	Completion of SupTech activities for BC	1 - UNIPV	21	Completion of SupTech activities for BC

<b>Work package number</b> <sup>9</sup>	WP6	<b>Lead beneficiary</b> <sup>10</sup>	7 - FIRAMIS GmbH
<b>Work package title</b>	RegTech workshops		
<b>Start month</b>	1	<b>End month</b>	21

### Objectives

The RegTech framework aims to create an operational fintech risk management expertise through knowledge exchange workshops dedicated to fintechs. Each workshop will allow participants to test possible solutions for automatized compliance. The RegTech material is based on the same material shared in WP5 and will add practical aspects through the development of coding examples on the project use cases. During the regtech sessions, open source language software will be used, thus ensuring the project's overall neutral and non-commercial nature. While the SupTech workshops are decentralised in each of the considered European countries, RegTech workshops will be organised at the European level, at the premises of fintech hubs, to encourage uniform fintech risk management practices across Europe. The objectives of this work package are:

O6.1. To develop technical solutions to automatize compliance of fintech companies (RegTech);

O6.2. To test different technical solutions for automated compliance using open source papers, software and real data.

### Description of work and role of partners

#### **WP6 - RegTech workshops** [Months: 1-21]

**FIRAMIS GmbH**, UNIPV, ZHAW, MODEFINANCE SRL, UP1, UCM, WU

WP6 is led by Firamis and supported by UNIPV and by five other partners organizing the RegTech workshops. The work is divided into the following tasks:

Task 6.1. Creation of a unified content (UNIPV, all). For the purpose of developing common understanding concerning the technical aspects of fintech risk management models, the content of the RegTech workshops will be material relative to the use cases (as in WP5), divided into three topics: big data analytics, artificial intelligence and blockchain application.

Task 6.2. Creation of a research and development environment (Firamis, WU Vienna, ZHAW). Firamis, together with WU Vienna and ZHAW, is also responsible for creating a coding technical infrastructure that is scalable and extendable in a modular approach. The basis for the infrastructure will be open-source projects like R which gives access to developed machine learning projects like Tensorflow, PyTorch, MXNet and H2O. These research and development environments will be made available in a dedicated cloud server environment to manage the code, scripts, GUIs, models, users' access rights, software interaction and workflows.

Task 6.3. Organisation of RegTech workshops: the six partners associated to a fintech hub organise six RegTech Workshops, each of 6 hours, where fintechs can practically validate the proposed models, using the same material as in SupTech workshops, but in a hands-on-code-and-data modality. Each organiser is responsible for the registration of the participants and for collecting their feedback.

Task 6.3.1. Organisation of RegTech workshop 1 (modeFinance). The first workshop will operationalise the SupTech workshops focused on big data analytics (Part 1)

Task 6.3.2. Organization of RegTech workshop 2 (Firamis). The second workshop will operationalise the SupTech workshops focused on big data analytics (Part 2).

Task 6.3.3. Organization of RegTech workshop 3 (ZHAW). The third workshop will operationalise the SupTech workshops focused on artificial intelligence in finance (Part 1) .

Task 6.3.4. Organization of RegTech workshop 4 (WU). The fourth workshop will operationalise the SupTech workshops focused on artificial intelligence in finance (Part 2).

Task 6.3.5. Organization of coding session 5 (UCM). The fifth workshop will operationalise the SupTech workshops focused on blockchain (Part 1).

Task 6.3.6. Organization of RegTech workshop 6 (Paris I). The sixth workshop will operationalise the SupTech workshops focused on blockchain (Part 2) .

Task 6.4 Monitoring of Regtech activity. UNIPV will verify that the RegTech workshops take place successfully, presenting the consortium use cases, and that the feedbacks from the fintechs are collected.

### Participation per Partner

Partner number and short name	WP6 effort
1 - UNIPV	3.00
3 - ZHAW	3.00
6 - MODEFINANCE SRL	2.00
7 - FIRAMIS GmbH	8.00
10 - UP1	4.00
17 - UCM	3.00
24 - WU	2.00
<b>Total</b>	<b>25.00</b>

#### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D6.1	Research and development environment	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	3

#### Description of deliverables

D7.1 (M1) Establishment of website and social media channels

D6.1 (M3) Launch of research and development environment;

D6.1 : Research and development environment [3]

The creation of a coding technical infrastructure that is scalable and extendable in a modular approach. The basis for the infrastructure will be open-source projects like R which gives access to developed machine learning projects like Tensorflow, PyTorch, MXNet and H2O. These research and development environments will be made available in a dedicated cloud server environment to manage the code, scripts, GUIs, models, users' access rights, software interaction and workflows.

#### Schedule of relevant Milestones

Milestone number <sup>18</sup>	Milestone title	Lead beneficiary	Due Date (in months)	Means of verification
MS26	Conclusion of RegTech workshop BDA 1	7 - FIRAMIS GmbH	3	Conclusion of RegTech workshop BDA 1
MS28	Conclusion of RegTech workshop BDA 2	7 - FIRAMIS GmbH	6	Conclusion of RegTech workshop BDA 2
MS32	Conclusion of RegTech workshop AI 1	7 - FIRAMIS GmbH	9	Conclusion of RegTech workshop AI 1
MS51	Conclusion of RegTech workshop AI part 2	7 - FIRAMIS GmbH	15	Conclusion of RegTech workshop AI part 2
MS55	Conclusion of RegTech workshop BC part 1	7 - FIRAMIS GmbH	18	Conclusion of RegTech workshop BC part 1

## Schedule of relevant Milestones

<b>Milestone number<sup>18</sup></b>	<b>Milestone title</b>	<b>Lead beneficiary</b>	<b>Due Date (in months)</b>	<b>Means of verification</b>
MS57	Conclusion of RegTech workshop BC part 2	7 - FIRAMIS GmbH	21	Conclusion of RegTech workshop BC part 2

<b>Work package number</b> <sup>9</sup>	WP7	<b>Lead beneficiary</b> <sup>10</sup>	7 - FIRAMIS GmbH
<b>Work package title</b>	Dissemination		
<b>Start month</b>	1	<b>End month</b>	24

### Objectives

The dissemination work package consists of all those activities that externally communicate the project, to raise awareness and impact. The main objectives of the dissemination work package are as follows:

O7.1 To promote and raise awareness on the project approach and on its potential impact, through social network channels;

O7.2. To provide information and access to project results (including research papers and use cases), through a dedicated web site;

O7.3 To create impact by validating the results of the project through publication of results in high quality scientific journals;

O7.4 To create impact, through feedback given by the supervisors within the SupTech workshops; by fintechs and banks during the RegTech workshops;

O7.5 To create impact, through discussion between the partners and the international regulators in three dedicated workshops (initial, midterm and final)

O7.6 To create impact in the international community, through the feedback received from the advisory board

### Description of work and role of partners

#### **WP7 - Dissemination** [Months: 1-24]

**FIRAMIS GmbH**, UNIPV, UBER, ZHAW, UCL, ASE Bucuresti, MODEFINANCE SRL, PANTEION, INESC TEC, UP1, POLIMI, NUID UCD, UL, JSI, UNIWARSAW, UNI RIJEKA EFRI, UCM, EUBA, KTU, MU, B-Hive, UE-Varna, UTA, WU

WP7 is led by Firamis and supported by all partners. The work is divided into the following tasks:

Task 7.1. Establishment of an on-line communication infrastructure (all, Firamis). In this task the main communication tools of the project will be established. Such tools will be: the project website, aimed at releasing information on the project and its deliverables, once validated by the management work package leader; a set of social network channels, aimed at engaging all stakeholders, existing and potential.

Task 7.2. Event participation repository (Firamis). It will collect the participation of all project participants to the project events.

Task 7.3. Event feedback repository (Firamis). It will collect the feedback released by participants to the project workshops. In this context, Firamis is responsible for drafting a structured discussion questionnaire which will be distributed to all participants during each event.

Task 7.4. Organization of an initial, midterm and final research workshops (on all three topics), with the international regulators (UNIPV, ASE BUCURESTI, FIRAMIS). UNIPV, ASE BUCURESTI AND FIRAMIS will be responsible for organising, respectively, the initial, midterm and final workshop, where international regulators interact with the partners. UNIPV, ASE BUCURESTI and FIRAMIS are responsible for: organising the agenda of the workshops; choosing and funding the location of their workshop and associated services (rental and catering); inviting all partners and the international regulators; UNIPV will be responsible to validate the agenda and chair the workshop.

Task 1.6. Internal Feedback evaluation (FIRAMIS). The feedback from all events (research, supotech, regtech) will be collected and elaborated to produce an intermediate and a final evaluation report.

Task 1.7. External Feedback evaluation (FIRAMIS). All deliverables will be sent to the Advisory Board, who will draft a final evaluation report.

### Participation per Partner

<b>Partner number and short name</b>	<b>WP7 effort</b>
1 - UNIPV	7.00
2 - UBER	0.50
3 - ZHAW	0.50

Partner number and short name	WP7 effort
4 - UCL	0.50
5 - ASE Bucuresti	1.00
6 - MODEFINANCE SRL	0.50
7 - FIRAMIS GmbH	12.50
8 - PANTEION	1.00
9 - INESC TEC	1.00
10 - UPI	1.00
11 - POLIMI	1.00
12 - NUID UCD	1.00
13 - UL	1.00
14 - JSI	1.00
15 - UNIWARSAW	1.00
16 - UNI RIJEKA EFRI	1.00
17 - UCM	1.00
18 - EUBA	1.00
19 - KTU	2.00
20 - MU	1.00
21 - B-Hive	1.00
22 - UE-Varna	1.00
23 - UTA	1.00
24 - WU	0.50
<b>Total</b>	<b>40.00</b>

#### List of deliverables

Deliverable Number <sup>14</sup>	Deliverable Title	Lead beneficiary	Type <sup>15</sup>	Dissemination level <sup>16</sup>	Due Date (in months) <sup>17</sup>
D7.1	Establishment of website and social media channels.	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	1
D7.2	Event participation repository	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	24
D7.5	Event feedback repository	7 - FIRAMIS GmbH	Websites, patents filling, etc.	Public	24
D7.6	Intermediate Evaluation report	7 - FIRAMIS GmbH	Report	Public	12
D7.7	Final Evaluation report	7 - FIRAMIS GmbH	Report	Public	24



### List of deliverables

<b>Deliverable Number<sup>14</sup></b>	<b>Deliverable Title</b>	<b>Lead beneficiary</b>	<b>Type<sup>15</sup></b>	<b>Dissemination level<sup>16</sup></b>	<b>Due Date (in months)<sup>17</sup></b>
D7.8	Advisory Board report	7 - FIRAMIS GmbH	Report	Public	24

### Description of deliverables

D7.1 (M1). Establishment of web site and social media channels;  
D7.2 (M24) Event participation repository;  
D7.3. (M24) Event feedback repository;  
D7.4 (M12) Intermediate evaluation report;  
D7.5 (M24) Final evaluation report;  
D7.6 (M24) Advisory board report.

D7.1 : Establishment of website and social media channels. [1]

Establishment of website and social media channels.

D7.2 : Event participation repository [24]

In this task the work package leader will promote and monitor the participation of all project participants to conference, workshops and professional events, on the project topics, and the related publications in international scientific journals. Specifically, Firamis is responsible for collecting and sharing updates on participations to conferences and research papers by the project network participants.

D7.5 : Event feedback repository [24]

Firamis is responsible for collecting and sharing feedbacks from the participants to SupTech and RegTech workshops.

D7.6 : Intermediate Evaluation report [12]

UNIPV through ABI Lab will provide an intermediate evaluation report on the risk management methodologies developed in the project, based on all received feedbacks, from supervisors, fintechs and banks.

D7.7 : Final Evaluation report [24]

UNIPV through ABI Lab will provide a final evaluation report on the risk management methodologies developed in the project, based on all received feedbacks, from supervisors, fintechs and banks.

D7.8 : Advisory Board report [24]

The Advisory Board, composed by five non-European experts, after receiving all the project deliverables as well as the feedbacks given by the participants to the project events, will provide a final evaluation report.

### Schedule of relevant Milestones

<b>Milestone number<sup>18</sup></b>	<b>Milestone title</b>	<b>Lead beneficiary</b>	<b>Due Date (in months)</b>	<b>Means of verification</b>
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### 1.3.4. WT4 List of milestones

<b>Milestone number<sup>18</sup></b>	<b>Milestone title</b>	<b>WP number<sup>9</sup></b>	<b>Lead beneficiary</b>	<b>Due Date (in months)<sup>17</sup></b>	<b>Means of verification</b>
MS2	Completion of the technical plan	WP1	1 - UNIPV	1	Completion of the technical plan
MS3	Completion of the financial plan	WP1	1 - UNIPV	1	Completion of the financial plan
MS4	Completion of initial workshop	WP2	1 - UNIPV	1	Completion of initial workshop
MS26	Conclusion of RegTech workshop BDA 1	WP6	7 - FIRAMIS GmbH	3	Conclusion of RegTech workshop BDA 1
MS27	Completion of SupTech activities for BDA	WP5	1 - UNIPV	6	Completion of SupTech activities for BDA
MS28	Conclusion of RegTech workshop BDA 2	WP6	7 - FIRAMIS GmbH	6	Conclusion of RegTech workshop BDA 2
MS32	Conclusion of RegTech workshop AI 1	WP6	7 - FIRAMIS GmbH	9	Conclusion of RegTech workshop AI 1
MS33	Intermediate technical output	WP1	1 - UNIPV	12	Intermediate technical output
MS34	Intermediate financial output	WP1	1 - UNIPV	12	Intermediate financial output
MS49	Completion of mid-term workshop	WP3	5 - ASE Bucuresti	12	Completion of mid-term workshop
MS50	Completion of SupTech activities for AI	WP5	1 - UNIPV	14	Completion of SupTech activities for AI
MS51	Conclusion of RegTech workshop AI part 2	WP6	7 - FIRAMIS GmbH	15	Conclusion of RegTech workshop AI part 2
MS55	Conclusion of RegTech workshop BC part 1	WP6	7 - FIRAMIS GmbH	18	Conclusion of RegTech workshop BC part 1
MS56	Completion of SupTech activities for BC	WP5	1 - UNIPV	21	Completion of SupTech activities for BC
MS57	Conclusion of RegTech workshop BC part 2	WP6	7 - FIRAMIS GmbH	21	Conclusion of RegTech workshop BC part 2
MS71	Final technical output	WP1	1 - UNIPV	23	Final technical output
MS72	Final financial output	WP1	1 - UNIPV	23	Final financial output
MS76	Completion of final workshop	WP4	1 - UNIPV	24	Completion of final workshop
MS77	Completion of Research workshop on BDA model validation	WP2	2 - UBER	9	Completion of Research workshop on BDA model validation
MS78	Completion of Research workshop on AI model validation	WP3	4 - UCL	17	Completion of Research workshop on AI model validation

<b>Milestone number<sup>18</sup></b>	<b>Milestone title</b>	<b>WP number<sup>9</sup></b>	<b>Lead beneficiary</b>	<b>Due Date (in months)<sup>17</sup></b>	<b>Means of verification</b>
MS79	Completion of Research workshop on BC model validation	WP4	10 - UP1	21	Completion of Research workshop on BC model validation

### 1.3.5. WT5 Critical Implementation risks and mitigation actions

Risk number	Description of risk	WP Number	Proposed risk-mitigation measures
1	Withdrawal of a partner (medium) - The risk is not considered high because of the careful selection of partners and established collaborations.	WP1	In case of a partner's withdrawal, the Consortium has enough links to take over any missing work. Moreover, the budget assigned to a partner that withdrawals will be assigned to the global coordinator (UNIPV) which will consequently decide on its consecutive distribution.
2	Withdrawal of a regulator or a fintech hub involved in the project (low) - Unlikely risk because regulators and fintech hubs have been engaged with a letter of intent.	WP1	In case of withdrawal, the Consortium will find a national or European regulator for replacement
3	Loss of critical competencies or of key people in the project (low)	WP1	In most cases, a partner can replace a key competence internally in its own organisation, without project-wide actions. In exceptional cases, the Consortium's complementarity will ensure a short-term back up, identifying the most suitable partner to contribute.
4	Lack of cooperation among partners (medium)	WP1	The project management structure is highly centralised and cohesive and, therefore, designed to identify any issues as soon as they arise, and take appropriate swift actions.
5	Delayed or missing deliverables and/or milestones (low)	WP1	The management structure has full control over the technical plan. Furthermore, the project has allocated a Technical Manager and a Financial Manager to coordinate the work package activities and funding, identifying any issues and initiate remedial action in case of slipping schedules or risk of non-delivery by a specific partner.
6	Gaps in the literature coverage and in innovation of the big data analytics work package (low)	WP2	The work package leader has considerable expertise and reputation to overcome these issues. The research workshops will provide the necessary input for innovation.
7	Gaps in literature coverage and in innovation of the artificial intelligence work package (low)	WP3	The work package leader has considerable expertise and reputation to overcome these issues. The two thematic workshops will provide the necessary feedback input for this.
8	Swift changes in regulation or radical FinTech innovations during the course of the project (medium)	WP2, WP3, WP4	This risk is likely, in a rapid changing field as is FinTech. However, the presence of an international advisory board, and of many regulators and supervisors in the project should allow the prediction of possible new trends and, consequently, allow appropriate action to revise the project.
9	Lack of consistency between different training hubs, and between the research and	WP5	This risk has a medium chance to occur as there are many different countries involved. However, the work package leader is the overall coordinator and has considerable experience and coordination

<b>Risk number</b>	<b>Description of risk</b>	<b>WP Number</b>	<b>Proposed risk-mitigation measures</b>
	training hubs work packages (medium)		power to prevent inconsistencies as they arise. In addition, the interaction with national supervisors, and with the European Supervisory Authorities reduce the likelihood of this risk.
10	Lack of quality in training hubs (low)	WP5	The work package leader has enough intervention tools to mitigate lack of quality as it arises, based on the feedback from national supervisors and fintech hubs, which will be directly engaged
11	Lack of quality in coding lab (low)	WP6	The work package leader has enough intervention tools to mitigate lack of quality as it arises, based on the feedback from fintechs and fintech hubs
12	Wrong dissemination plan leading to reputational risk (low)	WP7	The work package leader has considerable experience, and a strong network of relationships, based on its reputation. This naturally mitigate this risk.
13	Insufficient number of established financial users participating in validation testing programme (medium)	WP7	The partner responsible of the activity, and its subcontractor, will leverage their position as stakeholders of the European banking Federation to prevent this.
14	Gaps in literature coverage and innovation of the blockchain work package (low)	WP4	The work package leader has considerable expertise and reputation to overcome these issues. The two thematic workshops will provide the necessary feedback input for this.

### 1.3.6. WT6 Summary of project effort in person-months

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	Total Person/Months per Participant
1 - UNIPV	32	8	7	6	18	3	7	81
2 - UBER	1	8	2	3.50	6	0	0.50	21
3 - ZHAW	1	2	2	2	4	3	0.50	14.50
4 - UCL	1	3	9	2	6	0	0.50	21.50
5 - ASE Bucuresti	1	2	2	2	6	0	1	14
6 - MODEFINANCE SRL	0.50	1	1	0.50	0	2	0.50	5.50
7 - FIRAMIS GmbH	1	1	1	1	8	8	12.50	32.50
8 - PANTEION	1	3	3	3	8	0	1	19
9 - INESC TEC	1	1	1	1	4	0	1	9
10 - UP1	2	3	4	9	6	4	1	29
11 - POLIMI	1	1	1	1	3	0	1	8
12 - NUID UCD	1	1	1	1	3	0	1	8
13 - UL	1	1	1	1	3	0	1	8
14 - JSI	1	1	1	1	3	0	1	8
15 - UNIWARSAW	1	1	1	1	3	0	1	8
16 - UNI RIJEKA EFRI	1	1	1	1	4	0	1	9
17 - UCM	1	2	2	4	6	3	1	19
18 - EUBA	1	1	1	1	4	0	1	9
19 - KTU	1	3	3	3	15	0	2	27
20 - MU	1	1	1	1	3	0	1	8
21 - B-Hive	1	2	2	2	7	0	1	15
22 - UE-Varna	1	1	1	1	4	0	1	9
23 - UTA	1	1	1	1	3	0	1	8

	WP1	WP2	WP3	WP4	WP5	WP6	WP7	Total Person/Months per Participant
24 - WU	0.50	1	1	1	3	2	0.50	9
Total Person/Months	55	50	50	50	130	25	40	400

### 1.3.7. WT7 Tentative schedule of project reviews

Review number <sup>19</sup>	Tentative timing	Planned venue of review	Comments, if any
RV1	19	BXL	Midterm Review
RV2	24	BXL	Final Review



## 1. Project number

The project number has been assigned by the Commission as the unique identifier for your project. It cannot be changed. The project number **should appear on each page of the grant agreement preparation documents (part A and part B)** to prevent errors during its handling.

## 2. Project acronym

Use the project acronym as given in the submitted proposal. It can generally not be changed. The same acronym **should appear on each page of the grant agreement preparation documents (part A and part B)** to prevent errors during its handling.

## 3. Project title

Use the title (preferably no longer than 200 characters) as indicated in the submitted proposal. Minor corrections are possible if agreed during the preparation of the grant agreement.

## 4. Starting date

Unless a specific (fixed) starting date is duly justified and agreed upon during the preparation of the Grant Agreement, the project will start on the first day of the month following the entry into force of the Grant Agreement (NB : entry into force = signature by the Commission). Please note that if a fixed starting date is used, you will be required to provide a written justification.

## 5. Duration

Insert the duration of the project in full months.

## 6. Call (part) identifier

The Call (part) identifier is the reference number given in the call or part of the call you were addressing, as indicated in the publication of the call in the Official Journal of the European Union. You have to use the identifier given by the Commission in the letter inviting to prepare the grant agreement.

## 7. Abstract

## 8. Project Entry Month

The month at which the participant joined the consortium, month 1 marking the start date of the project, and all other start dates being relative to this start date.

## 9. Work Package number

Work package number: WP1, WP2, WP3, ..., WPn

## 10. Lead beneficiary

This must be one of the beneficiaries in the grant (not a third party) - Number of the beneficiary leading the work in this work package

## 11. Person-months per work package

The total number of person-months allocated to each work package.

## 12. Start month

Relative start date for the work in the specific work packages, month 1 marking the start date of the project, and all other start dates being relative to this start date.

## 13. End month

Relative end date, month 1 marking the start date of the project, and all end dates being relative to this start date.

## 14. Deliverable number

Deliverable numbers: D1 - Dn

## 15. Type

Please indicate the type of the deliverable using one of the following codes:

R	Document, report
DEM	Demonstrator, pilot, prototype
DEC	Websites, patent filings, videos, etc.
OTHER	
ETHICS	Ethics requirement
ORDP	Open Research Data Pilot
DATA	data sets, microdata, etc.

## 16. Dissemination level

Please indicate the dissemination level using one of the following codes:

- PU        Public
- CO        Confidential, only for members of the consortium (including the Commission Services)
- EU-RES   Classified Information: RESTREINT UE (Commission Decision 2005/444/EC)
- EU-CON   Classified Information: CONFIDENTIEL UE (Commission Decision 2005/444/EC)
- EU-SEC   Classified Information: SECRET UE (Commission Decision 2005/444/EC)

## 17. Delivery date for Deliverable

Month in which the deliverables will be available, month 1 marking the start date of the project, and all delivery dates being relative to this start date.

## 18. Milestone number

Milestone number: MS1, MS2, ..., MSn

## 19. Review number

Review number: RV1, RV2, ..., RVn

## 20. Installation Number

Number progressively the installations of a same infrastructure. An installation is a part of an infrastructure that could be used independently from the rest.

## 21. Installation country

Code of the country where the installation is located or IO if the access provider (the beneficiary or linked third party) is an international organization, an ERIC or a similar legal entity.

## 22. Type of access

- VA        if virtual access,
- TA-uc    if trans-national access with access costs declared on the basis of unit cost,
- TA-ac    if trans-national access with access costs declared as actual costs, and
- TA-cb    if trans-national access with access costs declared as a combination of actual costs and costs on the basis of unit cost.

## 23. Access costs

Cost of the access provided under the project. For virtual access fill only the second column. For trans-national access fill one of the two columns or both according to the way access costs are declared. Trans-national access costs on the basis of unit cost will result from the unit cost by the quantity of access to be provided.