



STARTUP³

D3.3: Open Call Report

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4	ITC - INOVACIJSKO TEHNOLOSKI GROZD MURSKA SOBOTA	ITC	SI
5	HOLA-UP	HOLA-UP	FR
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List of Abbreviations and Acronyms	
EC	European Commission
EEN	Enterprise Europe Network
OC	Open Call
P2P	Peer-to-Peer
SGIAE	Square Grace Interval Allowed Error
SME	Small-Medium Enterprise
TS	Time Slot

Executive Summary

This document summarizes the entire effort related to the results of Open Call. It provides details on submitted, accepted and declined applications, as well as on evaluation results. Furthermore, informative statistics regarding each of the phases are provided.

Chapter 1 gives an introductory explanation of Open Call, and Chapter 2 provides information on the undertaken actions to promote the Open Call. In Chapter 3, information on the application process, as well as a list of submitted applications and key statistics for this phase is provided. There is detailed information on the eligibility check and some further statistics regarding the submitted applications. In Chapter 4, there is detailed information on the evaluation process, and in Chapter 5, information and statistics on the top 25 applicants of Open Call. Finally, Chapter 6 gives a brief overview of the initiated process of contracting.

In addition, the entire evaluation log is presented in Annex 1.

1 Introduction

The purpose of this report is to present the overview of all procedures and activities undertaken during the STARTUP3 Open Call. It also presents the outcome of the Open Call with its statistics and the final list of beneficiaries.

STARTUP3 Open Call was officially launched on February 20th 2020 and it remained open for application until April 20th 2020.

The Open Call was widely disseminated through EC channel, EEN network, social media but also through all partners' relevant networks. Numerous promotional events were organized in order to create traction throughout Europe.

2 STARTUP3 Open Call – Calls for Action

As part of the preparation for the launch of the Open Call, STARTUP3 Consortium prepared all the necessary documents. Based on the detailed procedure explanation from the Guide for Applicants, accompanying documents were produced for promotional purposes.

2.1 Open Call on STARTUP3 Website

The main point of information for future applicants was the STARTUP3 Website where a designated tab for applicants was created. This section contained all the necessary information for applicants interested in Open Call.

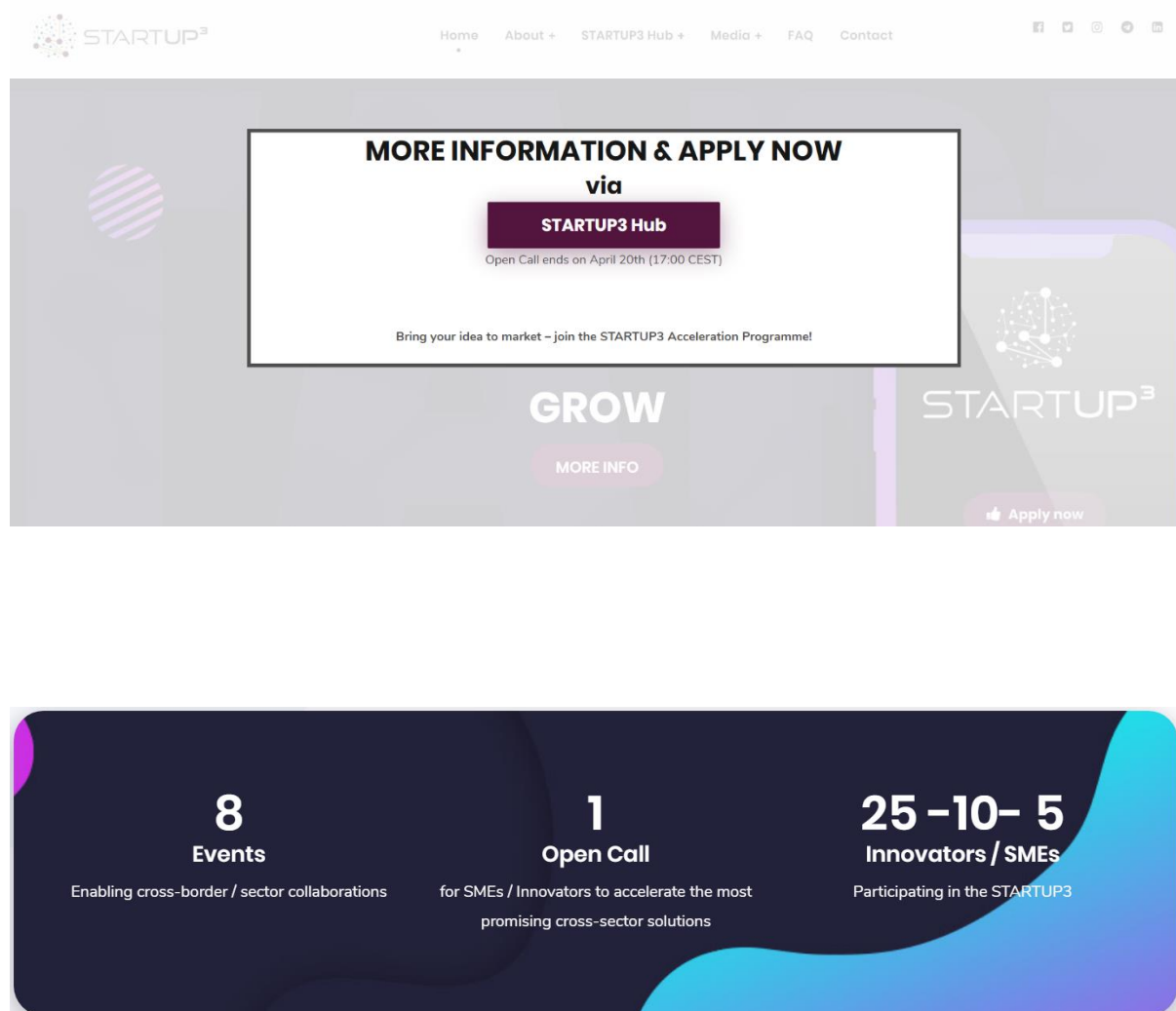
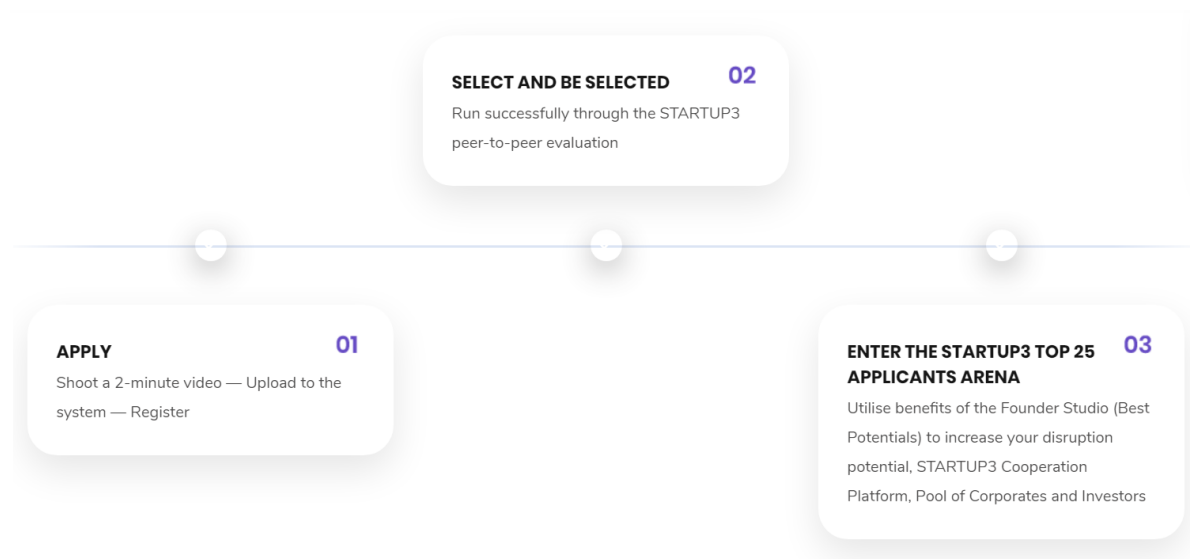



Figure 1 - Open Call on STARTUP3 Website

In order to ensure that all partners of the STARTUP3 Consortium had the correct information about the Open Call, several simple summarizing infographics were produced.




STARTUP³

[Home](#)
[About +](#)
[STARTUP3 Hub +](#)
[Media +](#)
[FAQ](#)
[Contact](#)

How is my application going to be evaluated and what does peer-to-peer evaluation mean?

Your application video will be evaluated and ranked through the peer-to-peer evaluation platform by other applicants. An algorithm will evaluate the quality of the evaluations you submit on the videos of other applicants. Your final application ranking will depend on both of these aspects. Your application has to be ranked among the 25 best applications in order to access to the benefits of the first stage of the STARTUP3 Accelerator.

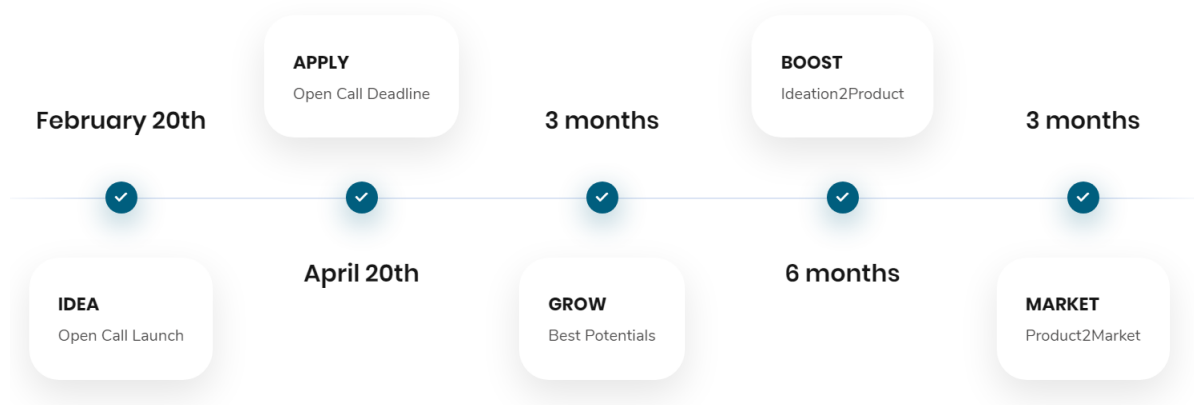
What do I do if I have a problem with my online application submission?

For technical assistance, you should refer to the STARTUP3 Open Call platform FAQs (link) in the first instance. If you continue experiencing issues with your submission, please contact the STARTUP3 Accelerator Open Call evaluation team at evaluation@startup3.eu.

When will you publish the evaluation results?

The results will be available on the STARTUP3 website after the evaluation process is finalised.

STARTUP3 Timeline



Welcome to the STARTUP3 Hub – your access to STARTUP3 resources.

APPLICATION PERIOD HAS ENDED

PREPARE: Read the Open Call Documents & shoot a video

REGISTER: Sign up on the Platform

APPLY: Upload your video and fill in the Application Form

EVALUATE: Rate the videos of other participants

[STARTUP3 Application Platform](#)

Get Connected With Stakeholders

STARTUP3 Cooperation Platform offers user an opportunity for matchmaking among promising solution providers (startups/SMEs), potential investors such as Corporates and Venture Capitals, and other organisations providing support to startups & SMEs.

[Get Connected!](#)

Figure 2 - Open Call Brief

3 Applying for STARTUP3 Accelerator


The full application process for STARTUP3 Accelerator was done through the STARTUP3 Website and designated platform for application and evaluation.

3.1 Application Process

The application process was elaborated and prepared to be as much as possible easy and user-friendly in order not to burden entrepreneurs and SMEs with unnecessary bureaucratic procedures and documentation. STARTUP3 website was the main and only entering point for all applications/pitches in the Open Call. From this point, the applicants were automatically re-directed to STARTUP3.eval - <https://evaluation.startup3.eu/login> - a software platform intended to enable pitches submission and evaluation performed by the teams/applicants. This was the entry point for all proposals/pitches in the Open Call. Applicants were asked to submit a 2-minute video pitch and fill in a short form. Using the simple application form, the applicants were requested to provide following information:

- The company, an entrepreneur or an individual name
- Address
- Country
- VAT identification number (if applicable)
- Contact email
- Contact phone
- Website address (if available)
- YouTube Link
- Sector
- Number of team members
- Distribution of male and female members
- Information on whether they are SME or not
- Information on how they heard about STARTUP3.

Application form is shown below.



Application Form
[F.A.Q.](#)

ⓘ (required)

ⓘ (required)

ⓘ (required)

ⓘ

ⓘ (required)

ⓘ (required)

ⓘ (required)

ⓘ

ⓘ (required)

ⓘ (required)

ⓘ (required)

ⓘ

ⓘ

ⓘ (required)

Are you SME according to the [Commission Recommendation 2003/361/EC](#) and the [SME user guide](#)? (required)

☐ Yes, I am a registered SME


☐ No, I am not a registered SME yet, but I will proceed with the registration when I am selected as one of beneficiaries.

☐ I agree to receive information about other Open Calls and funding opportunities


☐ I accept all terms and conditions defined in [STARTUP3 Guide for Applicants](#) and I give my consent to STARTUP3 consortium to collect my personal data (required) ⓘ

Cancel








Submit



Contact Email:
evaluation@startup3.eu



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Figure 3 - Example of Application Form

3.2 The list of Submitted Applications

A detailed list of all applications is provided bellow. All applications were encrypted under an Idea ID which was unique for application. This was the only visible data to other applicants/evaluators on the evaluation platform. In this way privacy and data protection for all applicants was ensured.

NO	IDEA ID	NAME	COUNTRY
1	101	Solmeya	Greece
2	102	Sensegrass Inc	France
3	103	BLUETENTACLES	Italy
4	104	Peruvian Superfoods doo	Serbia
5	105	Pycno Technologies SL	Spain
6	106	LivMed's	France
7	107	CAM Engineering	Serbia
8	108	Yello	France
9	109	Volvero	Italy
10	110	Volvero	Italy
11	111	Odo Ride	Serbia
12	112	Fulvio Stradijot	Italy
13	113	Hercegovac IT	Serbia
14	114	Ingredio/DENTICA LTD	Greece
15	115	Digital worx doo	Serbia
16	116	Dr Theodoros Apousidis	Greece
17	117	HR KIT	Greece
18	118	Charity Wall	Italy
19	119	Fulvio Stradijot	Italy
20	120	Innovalley	Italy
21	121	Innovalley 2	Italy
22	122	Spacelt	Serbia
23	123	CHARITY WALL	Italy
24	124	BioMetrica	Italy
25	125	BioMetrica	Italy
26	126	A.T	Serbia
27	127	Momčilo Medaković	Serbia

28	128	Arrow Electronics	Greece
29	129	Spoonbill Nest Center	Albania
30	130	Active Albania shpk	Albania
31	131	Active Albania shpk	Albania
32	132	Momčilo Medaković	Serbia
33	133	How Nice Is ...?, Budimir Knezevic	Serbia
34	134	Arrow Electronics Inc.	Greece
35	135	GEORGIOS DEIRMENTZOGLOU	Greece
36	136	GEORGIOS DEIRMENTZOGLOU	Greece
37	137	Liofyllo Social Cooperative Enterprise	Greece
38	138	ELECTRA energy	Greece
39	139	NORAVISION	Slovenia
40	140	ELECTRA energy cooperative	Greece
41	141	ProboTEK	Greece
42	142	farmAlr.io	Greece
43	143	Foodgroot.com	Czechia
44	144	GRA Sp. z o.o.	Poland
45	145	Superposition Ltd.	United Kingdom
46	146	Alis Grave Nil	Bulgaria
47	147	DAE Europe OÜ	Estonia
48	148	BeOn IoT	France
49	149	Metabolic Robots	Israel
50	150	Zelena Točka Trans z.o.o.	Slovenia
51	151	TEKON TEHNOKONSALTING DOO	Serbia
52	152	Knjigaprica	Serbia
53	153	NORAVISION Decentralized Arts Ecosystem	Slovenia
54	154	Enging - Make Solutions, SA	Portugal
55	155	ZDRAVO PRODUKT	Serbia
56	156	Teslab	Serbia
57	157	IONIC AI	Spain
58	158	HRMNY Human Technologies	Latvia
59	159	Computomics GmbH	Germany

60	160	Charfeddine Gharsallah	Tunisia
61	161	Virtuleap	Portugal
62	162	PLANT ON DEMAND	Spain
63	163	Calypso	Germany
64	164	Haris Digital Engineering Ltd	Hungary
65	165	INTELLIGENT HIVES SPÓŁKA	Poland
66	166	AccessLab	Greece
67	167	RespiFit	Bulgaria
68	168	Sikur	France
69	169	ELMIBIT d.o.o.	Slovenia
70	170	aponix vertical barrel / 3D-NFT	Germany
71	171	Guri i Zi_Albania	Albania
72	172	TradingFoe	Norway
73	173	Laava Tech	Poland
74	174	R8tech	Estonia
75	175	MSG konsalting ("MSG consulting") d.o.o.	Bosnia and Herzegovina
76	176	Hermes Healthcare	United Kingdom
77	177	MuchSkills	Sweden
78	178	Cronus, d.o.o.	Slovenia
79	179	Miniplast d.o.o.	Slovenia
80	180	One Help LLC	Armenia
81	181	Héphaïstos	France
82	182	Initiative for Social Change ARSIS	Albania
83	183	Solvesall d.o.o.	Slovenia
84	184	APIO S.r.l.	Italy
85	185	Quanta & Qualia	Greece
86	186	Mahabir Gupta	Sweden
87	187	GebeCert	Armenia
88	188	Latitudo40	Italy
89	189	penta technology	Italy
90	190	NTAB animation and graphic design studio	Armenia
91	191	REFARMO GmbH	Austria

92	192	Nikola Milošević	Serbia
93	193	INPJUTER	Serbia
94	194	INT-Institut za nove tehnologije	Serbia
95	195	Zlatko Ivanoski	North Macedonia
96	196	Agile software development	Italy
97	197	IoTartic	Serbia
98	198	Gheorghe Şova	Moldova
99	199	Business bureau	Georgia
100	200	EmailTree.AI	Luxembourg
101	201	Gkrintzalis Constantinos	Greece
102	202	InfraOpS	France
103	203	IT nation srl	Italy
104	204	Inteligg P.C.	Greece
105	205	Termodron d.o.o.	Slovenia
106	206	Haruspex	Italy
107	207	IT Nation srl 1	Italy
108	208	agile software development srl	Italy
109	209	Tomaž Štebe	Slovenia
110	210	Hybrid Core	Belgium
111	211	H2OnlyBattery Greece Vilanakis Georgios	Greece
112	212	E20 Srl	Italy
113	213	MarginThoughts, Ida.	Portugal
114	214	Propokan Pro d.o.o.	Serbia
115	215	Open Source University	Bulgaria
116	216	Detektia Earth Surface Monitoring S.L.	Spain
117	217	H2OnlyBattery Greece Vilanakis Georgios	Greece
118	218	Recycllux SRL	Belgium
119	219	Koatum	Poland
120	220	Amigo srl	Italy
121	221	resize	Germany
122	222	Aleksan Sargsyan	Armenia
123	223	NeoSound Intelligence B.V.	Netherlands

124	224	INPJUTER	Serbia
125	225	Commensalist	Belgium
126	226	SIA "Miitech"	Latvia
127	227	Pigro	Italy
128	228	Paywoke	Luxembourg
129	229	New future for youth educational-informational NGO	Armenia
130	230	Publitio	Serbia
131	231	Rollet	Hungary
132	232	WeAreDots, SIA	Latvia
133	233	ASD srl	Italy
134	234	AIspotter Oy	Finland
135	235	Davids Murafa	Latvia
136	236	QENVI	France
137	237	GARMTECH	Latvia
138	238	Solidity Services (Galaxis Network)	United Kingdom
139	239	Drone Hopper	Spain
140	240	Privowny France SAS	France
141	241	Oscillum Biotechnology	Spain
142	242	Memory Craft	Albania
143	243	Marković Jelenko	Bosnia and Herzegovina
144	244	Lilly021	Serbia
145	245	INHUBBER	Germany
146	246	Smart Forest	Germany
147	247	OWLFINITY LLC	Armenia
148	248	AccessLab	Greece
149	249	Arm Film Industry Development Foundation	Armenia
150	250	AB Transport	Austria
151	251	Mikheil Kipiani	Georgia
152	252	Šarada	Serbia
153	253	NSoilab doo Novi Sad	Serbia
154	254	Data Analysis Laboratory	Georgia
155	255	Honuline d.o.o.	Slovenia

156	256	Huvr Trek Group SL	Spain
157	257	WiDiD	France
158	258	Alda robotics doo Beograd	Serbia
159	259	Smart IT	Serbia
160	260	Kmetijsko turistična zadruga ŽITEK, z.b.o.	Slovenia
161	261	Digiotouch OU	Estonia
162	262	Inventori Solutions Kft.	Hungary
163	263	CodeBerry School Kft	Hungary
164	264	VeritaCell	Latvia
165	265	ARchiHype	Romania
166	266	Olythe	France
167	267	Bruno Quémener	France
168	268	Agro Pace	Serbia
169	269	"Heuristic Innovations" LLC	Armenia
170	270	Recytrust	Greece
171	271	Vegetal Signals	France
172	272	TRIBE	France
173	273	LuxOnline	Luxembourg
174	274	Gstream	Latvia
175	275	Vawlt	Portugal
176	276	Daniel Musaryan	Armenia
177	277	Soraya Zidane	Belgium
178	278	Beta Inventions Ltd/WallPee	Ireland
179	279	BotX	Czechia
180	280	Alda robotics doo Beograd	Serbia
181	281	Alessandro Saetta	Italy
182	282	ELEF BOCCIA RAMPS	Greece
183	283	GORD Systems Services	North Macedonia
184	284	Kowat Control Biiomuimético	Spain
185	285	ATLANT 3D Nanosystems	Denmark
186	286	Konstantinos Tsaramiris	Greece
187	287	Yatta	Latvia

188	288	RTsafe	Greece
189	289	MOBILLY	Latvia
190	290	Files.fm	Latvia
191	291	Revalue It	Cyprus
192	292	BOORG LLC	Armenia
193	293	Iraten Solutions	France
194	294	BitRezus	Greece
195	295	Doktorijum d.o.o., Vuk Devrnja	Serbia
196	296	DIPTERON UG (haftungsbeschränkt)	Germany
197	297	TRIBE	France
198	298	Nissatech	Serbia
199	299	Hyssopus Organics (represented by Stella Chatzigavriil	Greece
200	300	Modern Agricultural Applications	Greece
201	301	ZELEROS GLOBAL, S.L.	Spain
202	302	MBIT SIA	Latvia
203	303	Research Beyond Limits SRL	Romania
204	304	Mo'Real Universe (indexAR)	Romania
205	305	Builtrix	Portugal
206	306	Allread Machine Learning Technologies	Spain
207	307	Meton Innovatence OU	Estonia
208	308	SafeMode (Rehapp LTD)	Israel
209	309	Geomiso	Greece
210	310	Techbros GmbH	Germany
211	311	ComSensus, komunikacija in senzorika, d.o.o.	Slovenia
212	312	Sensoria Analytics	France
213	313	Beboulis	Ireland
214	314	HIPPY	France
215	315	3DMedWorld	Greece
216	316	Graphenest, S.A.	Portugal
217	317	Overture Life S.L.	Spain
218	318	F4A	Luxembourg
219	319	Kartik VENKATRAMAN, WindMAPS	Belgium

220	320	Mavinci	Turkey
221	321	Organic Control System	Serbia
222	322	Hakunamadata	France
223	323	Ebre Drone	Spain
224	324	iCorn	Ukraine
225	325	Nicola Romeo	Italy
226	326	Precision Navigation Systems OÜ	Estonia
227	327	CENTILOC	France
228	328	Zaubar UG (haftungsbeschränkt)	Germany
229	329	SIA Nordic Food	Latvia
230	330	Kvalifika	Georgia
231	331	MyHabeats	Greece
232	332	ChangeTheBlock	Spain
233	333	Tech Fortune SRL	Romania
234	334	Francesco Lentini	Italy
235	335	OPT/NET B.V.	Netherlands
236	336	Earthlab AI Systems	Spain
237	337	Remote Ltd	Bosnia and Herzegovina
238	338	Emvista	France
239	339	SIDRIAS	Slovenia
240	340	Fauna Smart Technologies	Denmark
241	341	Acintya Global Holdings SAS	France
242	342	Adarsh Ananthachar	Ireland
243	343	MyDataModels	France
244	344	BEIA Cercetare	Romania
245	345	Camille Bégnis	France
246	346	Christelle Mertens, Ricardo Polar	Luxembourg
247	347	Donal Madden	Ireland
248	348	EOanalytics Ltd.	Ireland
249	349	Hilbert Space	Serbia
250	350	SIDRIAS Team	Slovenia

Table 1 - List of All Applications

3.3 Statistics of the Submitted Applications

Before the beginning of the STARTUP3 project, the consortium set target value that would indicate the level of success of the Open Call. The KPI for number of SMEs/start-ups attracted by STARTUP3 was set for **>250**. The charts below show a remarkable success of the STARTUP3 Open Call. Projected number of interested SMEs and start-ups was 250, and with carefully planned promotional activities, we reached **250 applicants**. Charts below show distribution of received applications per country.

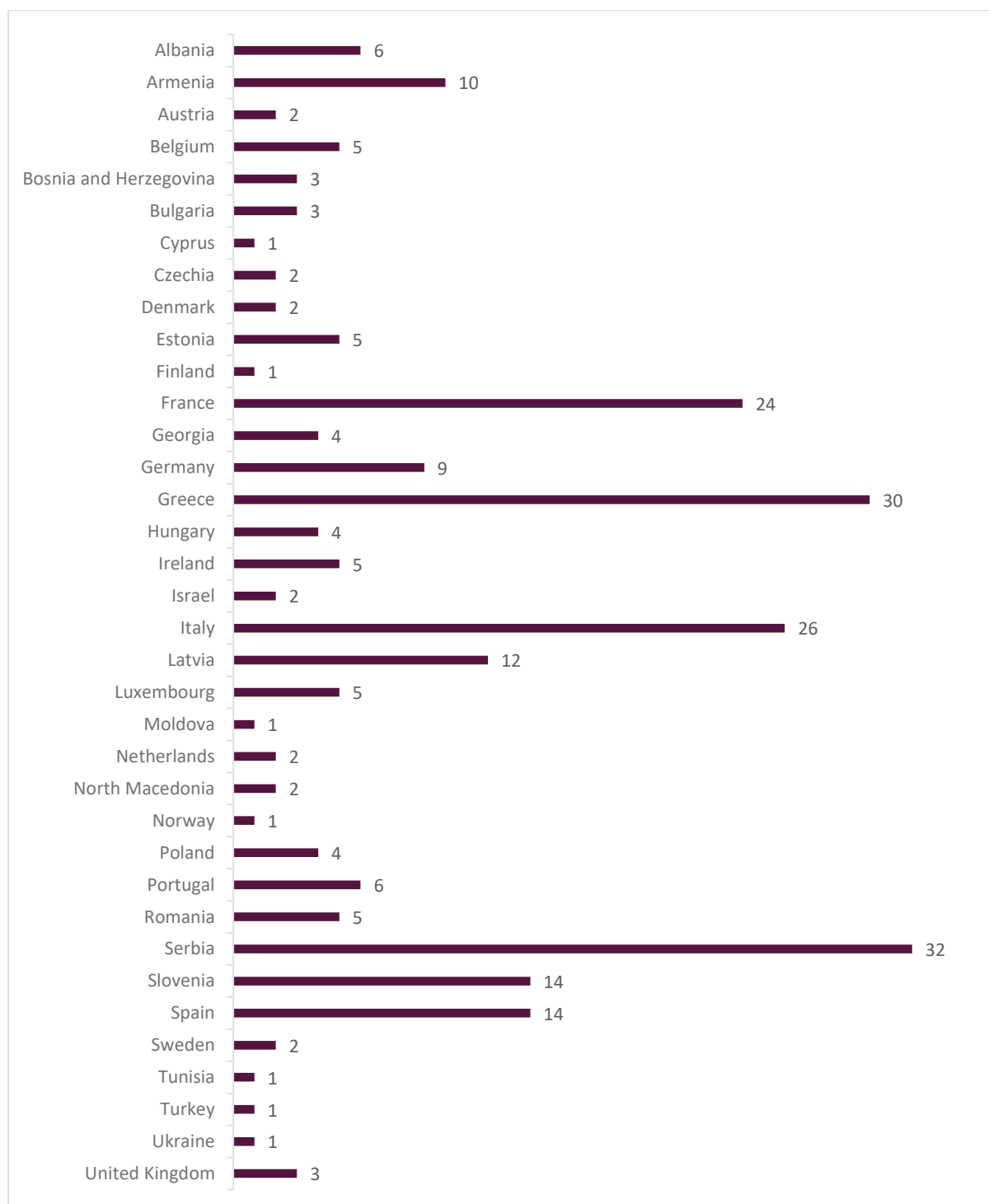


Figure 4 - Number of Applications per Country

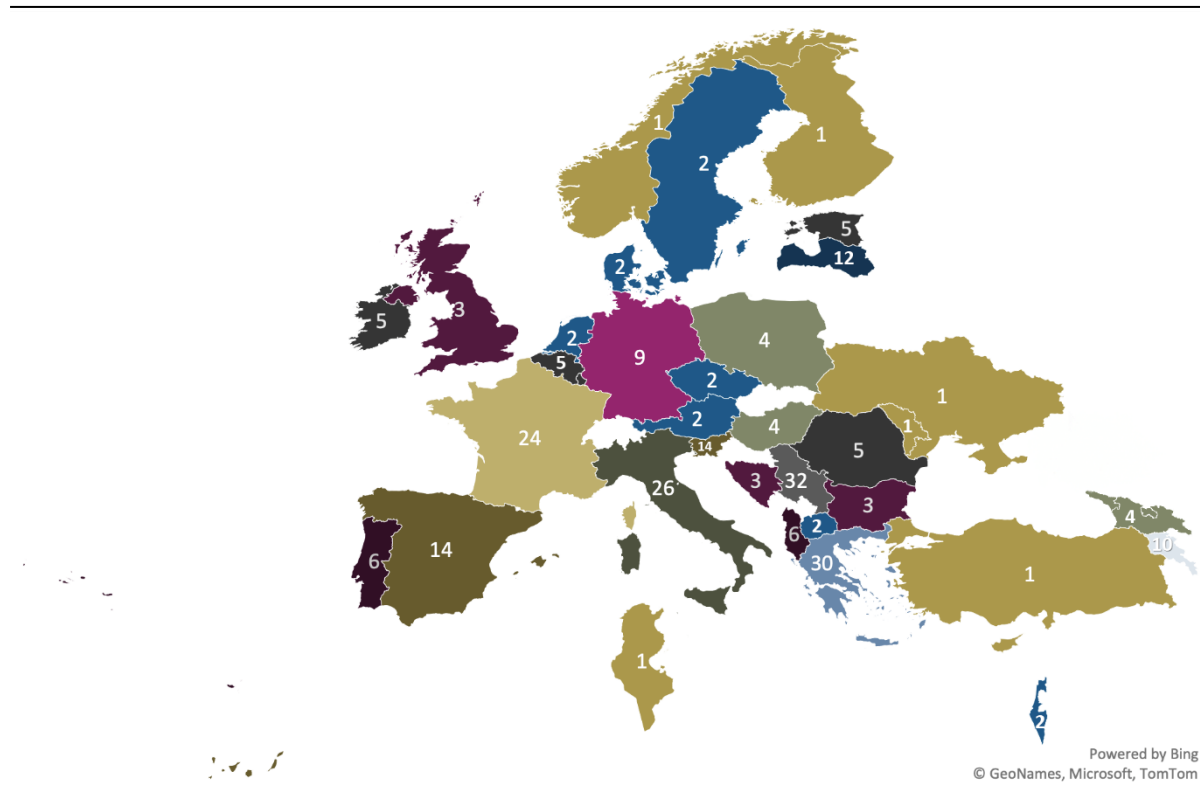


Figure 5 - Geographical Distribution of Applications

Overall, we have received applications from **36 countries**. Most of the applicants were from Serbia (32) and Greece (30). Significant number of applicants was from Italy (26), France (24), Spain (14) and Latvia (12). For our Call, it is very important the fact that we managed to attract many applicants from countries that are not partners in STARTUP3 Consortium. This shows great effort of all STARTUP3 partners in promoting the STARTUP3 Open Call outside the borders of their countries of origin.

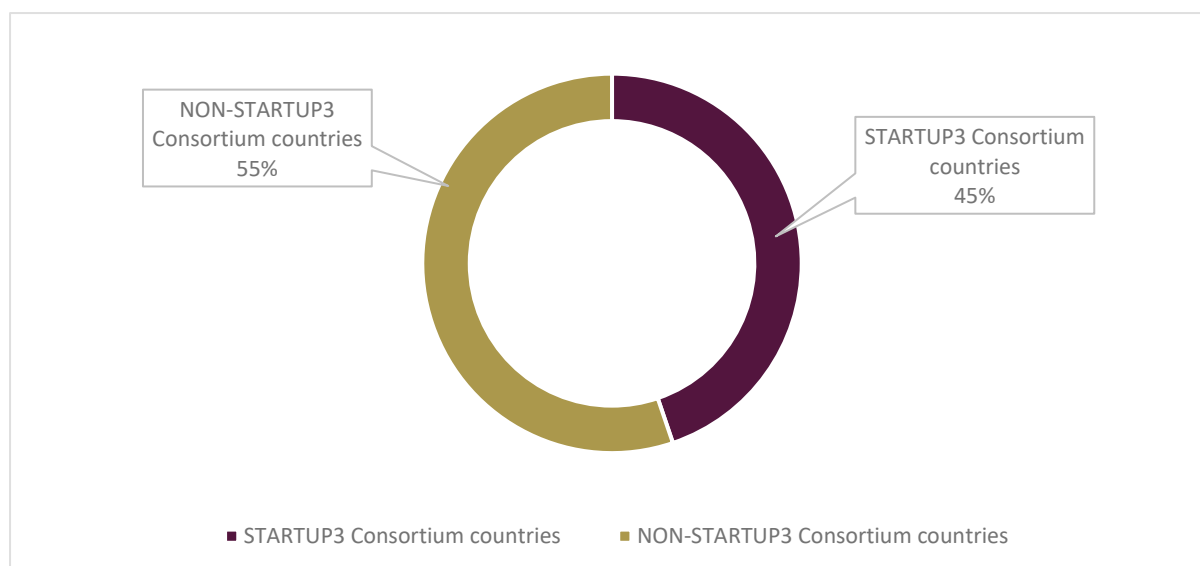


Figure 6 - Distribution of Applications from STARTUP3 Consortium and Non-STARTUP3 Consortium Countries

When it comes to diversity of countries, we received 86% of applications from applicants outside the countries participating through STARTUP3 Consortium. 64% of applications came from EU member countries while 36% came from Non-EU member countries. Most of the applicants are already existing SMEs – 72% while 28% applied as natural persons.

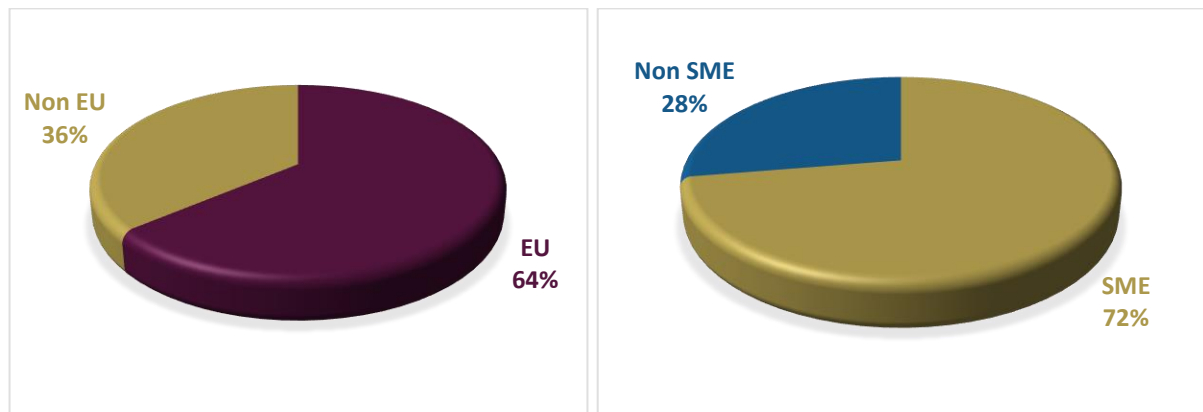


Figure 7 - Distribution of EU and Non-EU countries as well as SMEs and Non SMEs

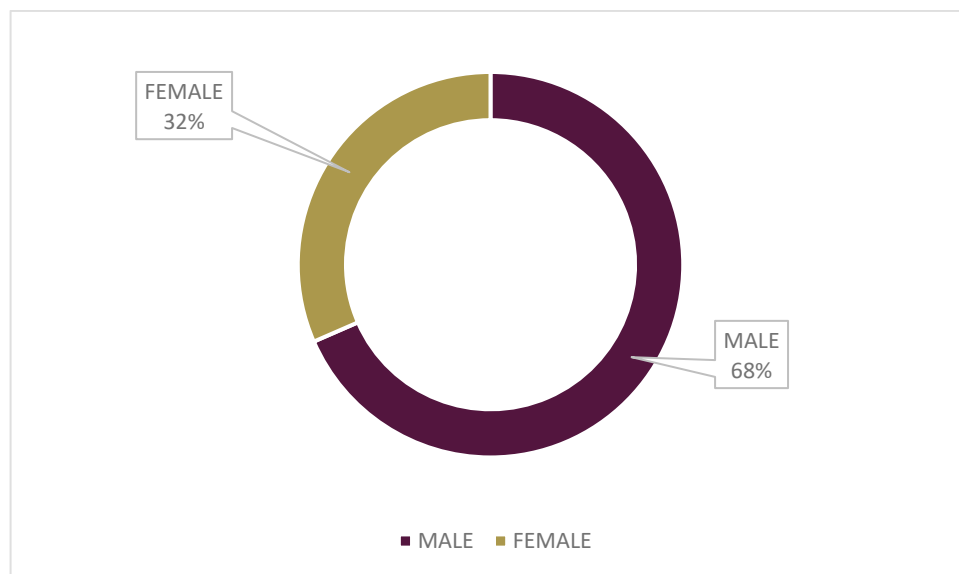


Figure 8 - Distribution of gender in teams

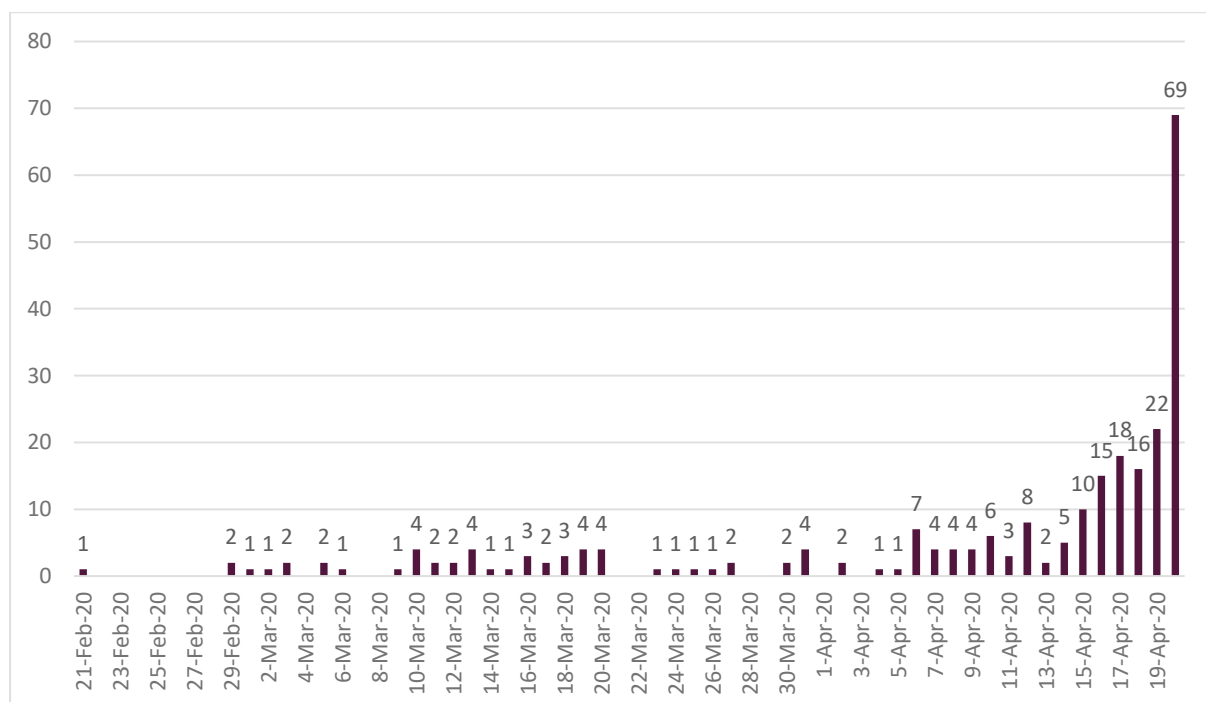


Figure 9 – Daily overview of submitted applications

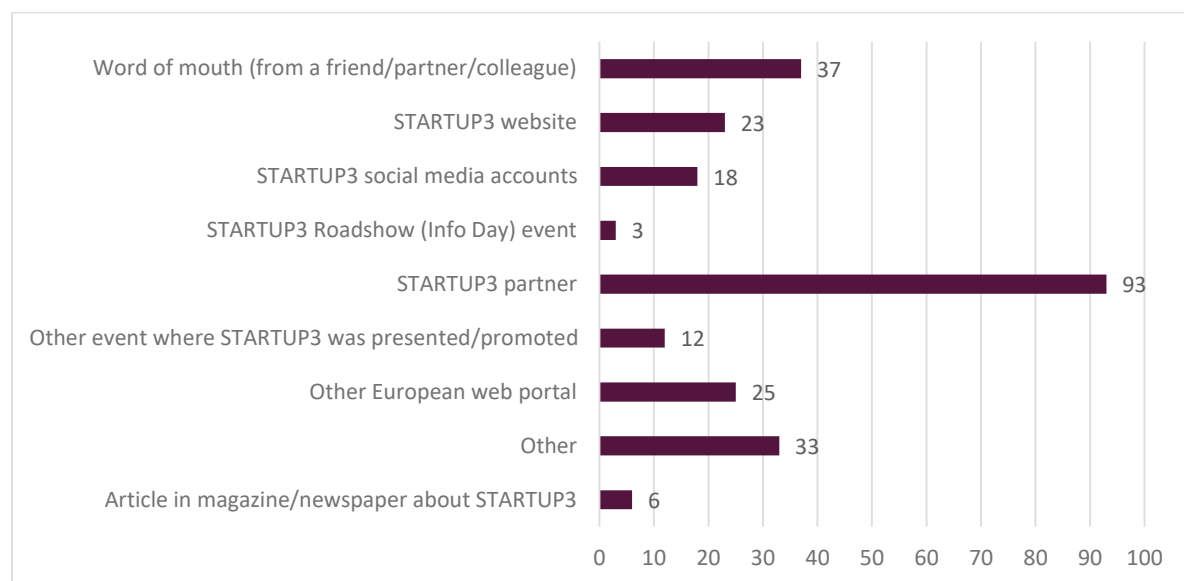


Figure 10 – How did participants hear about the STARTUP3 Open Call

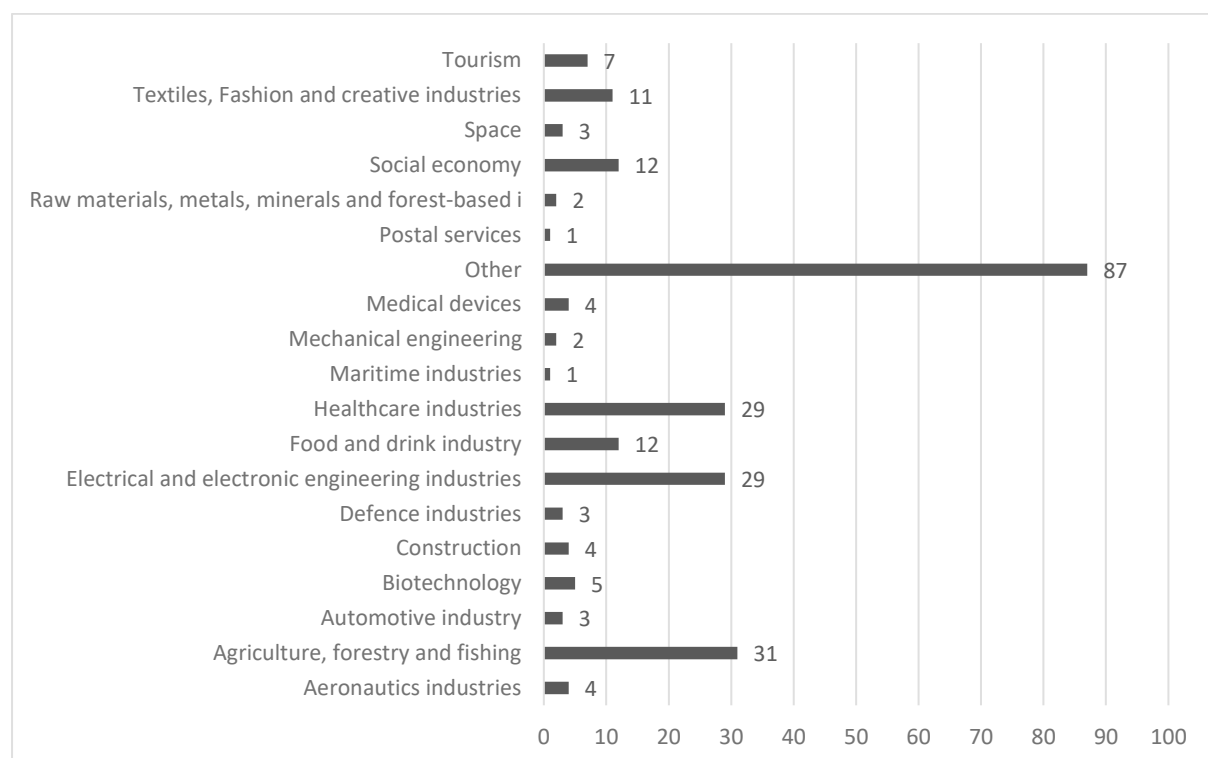


Figure 11 – Distribution of sectors

3.4 Eligibility Check

In order to help the applicants during the preparation of their pitches for STARTUP3 Open Call, STARTUP3 Consortium prepared a set of guidelines and documents for them. All necessary information regarding eligibility criteria were defined in the STARTUP3 Guide for Applicants.

According to the STARTUP3 Guide for Applicants, Chapter 3, page 12, eligible applicants for STARTUP3 Open Call have to:

- Hold one of the following legal statuses:
 - o a Company that complies with the Commission Recommendation for Small OR Medium-sized Enterprises (SMEs) 2003/361/EC3 (see section 3.1.1);
 - o a Single entrepreneur
 - o a Natural person who will, at the time of signing the contract, be registered as a single entrepreneur or company that complies with the Commission Recommendation for Small OR Medium-sized Enterprises (SMEs) 2003/361/EC[1] (see section 3.1)
- be located in an eligible country (see section 3.3);
- Innovate deep-tech solutions applied across all industry sectors.

In Chapter 3.1 of STARTUP3 Guide for Applicants, page 12, an SME was as such if complying with the European Commission Recommendation 2003/361/EC5² and the SME user guide³. As a summary, the criteria that define an SME are:

- Independent, partner or linked enterprises, with financial and staff figures calculated in accordance with instructions given by Recommendation 2003/361/EC to fulfil SMEs criterion.
- Headcount in Annual Work Unit (AWU) less than 250.
- Annual turnover less or equal to 50 million € OR annual balance sheet total less or equal to 43 million €.

An SME is considered eligible for STARTUP3 Open Call if it complies will ALL the following rules:

- i. It is a legal entity established and based in one of the EU Member States or an H2020 Associated country as defined in H2020 rules for participation:
- ii. Start-ups that do not have yet annual turnover or balance sheets are also considered eligible given that they fulfil the criteria (a) and (b) of section §3.1 at submission time.
- iii. In case an SME is awarded a sub-project, it will remain eligible even if, at a certain point during the sub-project execution, it does not fulfil criteria (b) or (c) of section 3.1.
- iv. Perform the compulsory evaluation of other applications within the defined time slots (after April 24th and before)

In Chapter 3.3 of STARTUP3 Guide for Applicants, page 13, participants, either SMEs or Start-ups established in the following countries and territories or natural persons that are residents of the following countries were eligible to receive funding through Horizon 2020 grants:

- a. **The Member States (MS) of the European Union (EU), including their outermost regions;**
- b. **The Overseas Countries and Territories (OCT) linked to the Member States:** Anguilla, Aruba, Bermuda, British Antarctic Territory, British Indian Ocean Territory, British Virgin Islands, Cayman Islands, Falkland Islands, French Polynesia, French Southern and Antarctic Territories, Greenland, Montserrat, Netherlands Antilles (Bonaire, Curaçao, Saba, Sint Eustatius, Sint

² <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2003:124:0036:0041:en:PDF>

³ http://ec.europa.eu/regional_policy/sources/conferences/state-aid/sme/smedefinitionguide_en.pdf

Maarten), New Caledonia and Dependencies, Pitcairn, Saint Barthélemy, Saint Helena, Saint Pierre and Miquelon, South Georgia and the South Sandwich Islands, Turks and Caicos Islands, Wallis and Futuna Islands.

- c. **The H2020 associated countries (AC):** Iceland, Norway, Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia, Turkey, Israel, Moldova, Switzerland, Faroe Islands, Ukraine, Tunisia, Georgia and Armenia.

During the eligibility check, 46 applications were declined as non-eligible while 204 applications were accepted as eligible and invited to proceed to the next step i.e. evaluation process.

Most common reasons for decline are listed below:

- The video was unavailable on YouTube platform
- The video did not exist on YouTube platform
- The video was not in English
- The applicant didn't submit YouTube link
- The video did not address any of the topics supported by STARTUP3.

3.5 List of Accepted Applications

After conducting eligibility check, a total of 204 applications were accepted. Below is the full list.

NO	IDEA ID	NAME	COUNTRY
1	101	Solmeya	Greece
2	103	BLUETENTACLES	Italy
3	104	Peruvian Superfoods doo	Serbia
4	105	Pycno Technologies SL	Spain
5	107	CAM Engineering	Serbia
6	108	Yello	France
7	110	Volvero	Italy
8	111	Odo Ride	Serbia
9	113	Hercegovac IT	Serbia
10	114	Ingredio/DENTICA LTD	Greece
11	115	Digital worx doo	Serbia
12	116	Dr Theodoros Apousidis	Greece
13	117	HR KIT	Greece
14	119	Fulvio Stradijot	Italy
15	122	Spacelt	Serbia
16	123	CHARITY WALL	Italy
17	125	BioMetrica	Italy

18	126	A.T	Serbia
19	131	Active Albania shpk	Albania
20	132	Momčilo Medaković	Serbia
21	133	How Nice Is ...?, Budimir Knezevic	Serbia
22	134	Arrow Electronics Inc.	Greece
23	136	GEORGIOS DEIRMENTZOGLOU	Greece
24	137	Liofyllo Social Cooperative Enterprise	Greece
25	140	ELECTRA energy cooperative	Greece
26	141	ProboTEK	Greece
27	142	farmAlr.io	Greece
28	143	Foodgroot.com	Czechia
29	144	GRA Sp. z o.o.	Poland
30	145	Superposition Ltd.	United Kingdom
31	146	Alis Grave Nil	Bulgaria
32	147	DAE Europe OÜ	Estonia
33	148	BeOn IoT	France
34	149	Metabolic Robots	Israel
35	150	Zelena Točka Trans z.o.o.	Slovenia
36	153	NORAVISION Decentralized Arts Ecosystem	Slovenia
37	154	Enging - Make Solutions, SA	Portugal
38	155	ZDRAVO PRODUKT	Serbia
39	158	HRMNY Human Technologies	Latvia
40	159	Computomics GmbH	Germany
41	160	Charfeddine Gharsallah	Tunisia
42	161	Virtuleap	Portugal
43	162	PLANT ON DEMAND	Spain
44	163	Calypso	Germany
45	164	Haris Digital Engineering Ltd	Hungary
46	165	INTELLIGENT HIVES SPÓŁKA	Poland
47	167	RespiFit	Bulgaria
48	168	Sikur	France
49	169	ELMIBIT d.o.o.	Slovenia

50	170	aponix vertical barrel / 3D-NFT	Germany
51	172	TradingFoe	Norway
52	173	Laava Tech	Poland
53	174	R8tech	Estonia
54	175	MSG konsalting ("MSG consulting") d.o.o.	Bosnia and Herzegovina
55	176	Hermes Healthcare	United Kingdom
56	177	MuchSkills	Sweden
57	178	Cronus, d.o.o.	Slovenia
58	179	Miniplast d.o.o.	Slovenia
59	183	Solvesall d.o.o.	Slovenia
60	184	APIO S.r.l.	Italy
61	185	Quanta & Qualia	Greece
62	186	Mahabir Gupta	Sweden
63	187	GebeCert	Armenia
64	188	Latitudo40	Italy
65	189	penta technology	Italy
66	191	REFARMO GmbH	Austria
67	192	Nikola Milošević	Serbia
68	194	INT-Institut za nove tehnologije	Serbia
69	195	Zlatko Ivanoski	North Macedonia
70	197	IoTartic	Serbia
71	198	Gheorghe Şova	Moldova
72	200	EmailTree.AI	Luxembourg
73	201	Gkrintzalis Constantinos	Greece
74	202	InfraOpS	France
75	204	Inteligg P.C.	Greece
76	205	Termodron d.o.o.	Slovenia
77	206	Haruspex	Italy
78	208	agile software development srl	Italy
79	209	Tomaž Štebe	Slovenia
80	210	Hybrid Core	Belgium
81	212	E20 Srl	Italy

82	213	MarginThoughts, Ida.	Portugal
83	214	Propokan Pro d.o.o.	Serbia
84	215	Open Source University	Bulgaria
85	216	Detektia Earth Surface Monitoring S.L.	Spain
86	217	H2OnlyBattery Greece Vilanakis Georgios	Greece
87	218	Recycllux SRL	Belgium
88	219	Koatum	Poland
89	220	Amigo srl	Italy
90	221	presize	Germany
91	223	NeoSound Intelligence B.V.	Netherlands
92	224	INPJUTER	Serbia
93	225	Commensalist	Belgium
94	226	SIA "Miitech"	Latvia
95	227	Pigro	Italy
96	228	Paywoke	Luxembourg
97	230	Publitio	Serbia
98	231	Rollet	Hungary
99	232	WeAreDots, SIA	Latvia
100	234	AIspotter Oy	Finland
101	235	Davids Murafa	Latvia
102	236	QENVI	France
103	237	GARMTECH	Latvia
104	238	Solidity Services (Galaxis Network)	United Kingdom
105	239	Drone Hopper	Spain
106	240	Privowny France SAS	France
107	241	Oscillum Biotechnology	Spain
108	243	Marković Jelenko	Bosnia and Herzegovina
109	244	Lilly021	Serbia
110	245	INHUBBER	Germany
111	246	Smart Forest	Germany
112	248	AccessLab	Greece
113	249	Arm Film Industry Development Foundation	Armenia

114	250	AB Transport	Austria
115	251	Mikheil Kipiani	Georgia
116	252	Šarada	Serbia
117	253	NSoilab doo Novi Sad	Serbia
118	254	Data Analysis Laboratory	Georgia
119	255	Honuline d.o.o.	Slovenia
120	256	Huvr Trek Group SL	Spain
121	257	WiDiD	France
122	259	Smart IT	Serbia
123	260	Kmetijsko turistična zadruga ŽITEK, z.b.o.	Slovenia
124	261	Digiotouch OU	Estonia
125	262	Inventori Solutions Kft.	Hungary
126	263	CodeBerry School Kft	Hungary
127	264	VeritaCell	Latvia
128	265	ARchiHype	Romania
129	266	Olythe	France
130	267	Bruno Quémener	France
131	268	Agro Pace	Serbia
132	269	"Heuristic Innovations" LLC	Armenia
133	270	Recytrust	Greece
134	271	Vegetal Signals	France
135	273	LuxOnline	Luxembourg
136	274	Gstream	Latvia
137	275	Vawlt	Portugal
138	276	Daniel Musaryan	Armenia
139	278	Beta Inventions Ltd/WallPee	Ireland
140	279	BotX	Czechia
141	280	Alda robotics doo Beograd	Serbia
142	281	Alessandro Saetta	Italy
143	282	ELEF BOCCIA RAMPS	Greece
144	283	GORD Systems Services	North Macedonia
145	286	Konstantinos Tsaramiris	Greece

146	287	Yatta	Latvia
147	288	RTsafe	Greece
148	289	MOBILLY	Latvia
149	290	Files.fm	Latvia
150	291	Revalue It	Cyprus
151	292	BOORG LLC	Armenia
152	293	Iraten Solutions	France
153	294	BitRezus	Greece
154	295	Doktorijum d.o.o., Vuk Devrnja	Serbia
155	296	DIPTERON UG (haftungsbeschränkt)	Germany
156	297	TRIBE	France
157	298	Nissatech	Serbia
158	299	Hyssopus Organics (represented by Stella Chatzigavriil	Greece
159	300	Modern Agricultural Applications	Greece
160	301	ZELEROS GLOBAL, S.L.	Spain
161	302	MBIT SIA	Latvia
162	303	Research Beyond Limits SRL	Romania
163	304	Mo'Real Universe (indexAR)	Romania
164	305	Builtrix	Portugal
165	306	Allread Machine Learning Technologies	Spain
166	307	Meton Innovatence OU	Estonia
167	308	SafeMode (Rehapp LTD)	Israel
168	309	Geomiso	Greece
169	310	Techbros GmbH	Germany
170	311	ComSensus, komunikacija in senzorika, d.o.o.	Slovenia
171	312	Sensoria Analytics	France
172	313	Beboulis	Ireland
173	314	HIPPY	France
174	315	3DMedWorld	Greece
175	316	Graphenest, S.A.	Portugal
176	317	Overture Life S.L.	Spain
177	318	F4A	Luxembourg

178	319	Kartik VENKATRAMAN, WindMAPS	Belgium
179	320	Mavinci	Turkey
180	323	Ebre Drone	Spain
181	324	iCorn	Ukraine
182	325	Nicola Romeo	Italy
183	326	Precision Navigation Systems OÜ	Estonia
184	327	CENTILOC	France
185	328	Zaubar UG (haftungsbeschränkt)	Germany
186	329	SIA Nordic Food	Latvia
187	330	Kvalifika	Georgia
188	332	ChangeTheBlock	Spain
189	333	Tech Fortune SRL	Romania
190	334	Francesco Lentini	Italy
191	335	OPT/NET B.V.	Netherlands
192	336	Earthlab AI Systems	Spain
193	337	Remote Ltd	Bosnia and Herzegovina
194	338	Emvista	France
195	340	Fauna Smart Technologies	Denmark
196	341	Acintya Global Holdings SAS	France
197	342	Adarsh Ananthachar	Ireland
198	343	MyDataModels	France
199	344	BEIA Cercetare	Romania
200	345	Camille Bégnis	France
201	346	Christelle Mertens, Ricardo Polar	Luxembourg
202	347	Donal Madden	Ireland
203	348	EOanalytics Ltd.	Ireland
204	349	Hilbert Space	Serbia

Table 2 - List of Accepted Applications

3.6 Statistics on Accepted Applications

The accepted applications were submitted from 36 different countries. Most of the accepted applications were from Serbia (25), Greece (24) and France (19).

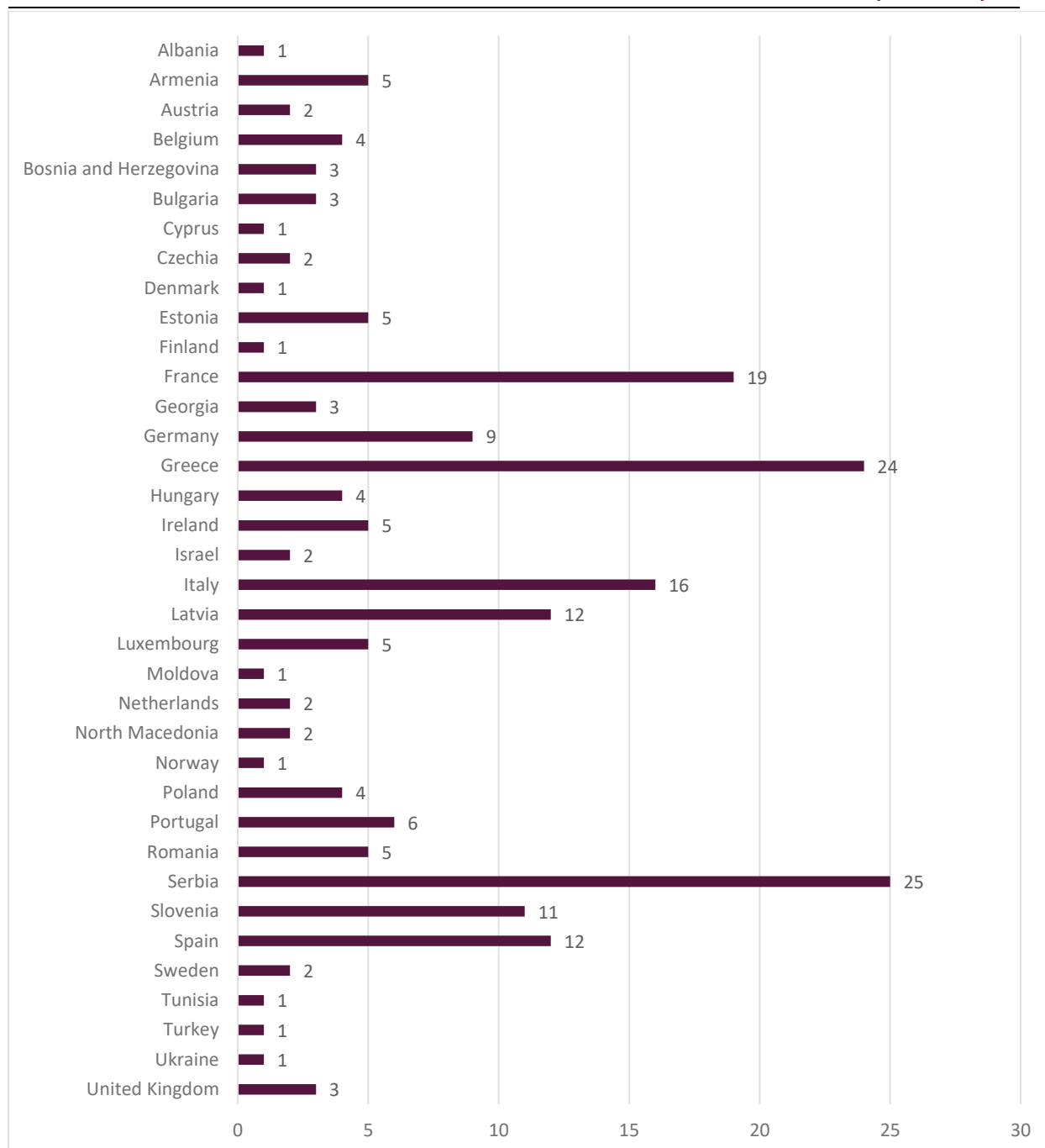


Figure 12 - Distribution by Country of Origin (accepted applications)

The statistics on whether applications were coming from EU member countries or not, have not been changed in comparison to the same statistics on all received applications (64% EU countries – 36% NON-EU countries). This percentage shows that SMEs from EU countries are still more informed on EU Calls and more eager to participate and join these kinds of programmes.

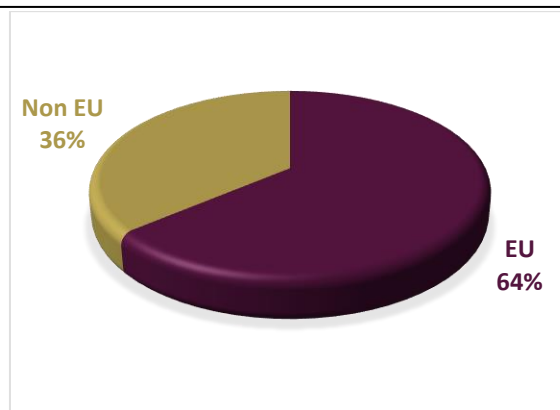


Figure 13 - Distribution of EU and non-EU Applicants

When it comes to the statistics on number of applications coming from STARTUP3 Consortium countries, applications coming from countries not included in STARTUP3 Consortium have remained the same (55%). Within accepted applications, percentage of applicants that are not yet registered as SMEs have decreased from 28% to 24%.

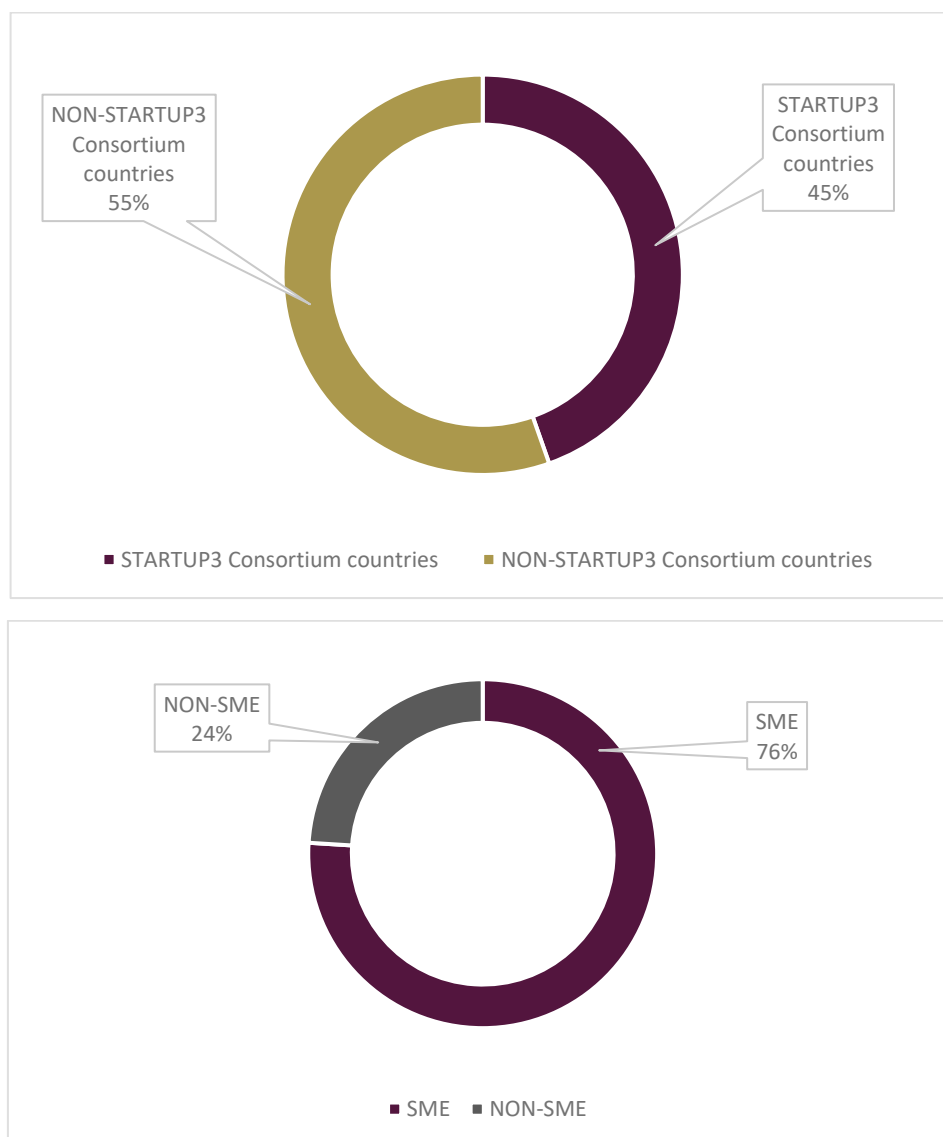


Figure 14 - Distribution of STARTUP3 Consortium Countries; SME status

3.7 Declined Applications

After eligibility check, 46 applications were declined. At this stage declined applications are those that did not comply with the eligibility criteria and therefore did not enter the evaluation process.

NO	IDEA ID	NAME	COUNTRY
1	102	Sensegrass Inc	France
2	106	LivMed's	France
3	109	Volvero	Italy
4	112	Fulvio Stradijot	Italy
5	118	Charity Wall	Italy
6	120	Innovalley	Italy
7	121	Innovalley 2	Italy
8	124	BioMetrica	Italy
9	127	Momčilo Medaković	Serbia
10	128	Arrow Electronics	Greece
11	129	Spoonbill Nest Center	Albania
12	130	Active Albania shpk	Albania
13	135	GEORGIOS DEIRMENTZOGLOU	Greece
14	138	ELECTRA energy	Greece
15	139	NORAVISION	Slovenia
16	151	TEKON TEHNOKONSALTING DOO	Serbia
17	152	Knjigaprica	Serbia
18	156	Teslab	Serbia
19	157	IONIC AI	Spain
20	166	AccessLab	Greece
21	171	Guri i Zi_ Albania	Albania
22	180	One Help LLC	Armenia
23	181	Héphaïstos	France
24	182	Initiative for Social Change ARSIS	Albania
25	190	NTAB animation and graphic design studio	Armenia
26	193	INPJUTER	Serbia
27	196	Agile software development	Italy
28	199	Business bureau	Georgia

29	203	IT nation srl	Italy
30	207	IT Nation srl 1	Italy
31	211	H2OnlyBattery Greece Vilanakis Georgios	Greece
32	222	Aleksan Sargsyan	Armenia
33	229	New future for youth educational- informational NGO	Armenia
34	233	ASD srl	Italy
35	242	Memory Craft	Albania
36	247	OWLFINITY LLC	Armenia
37	258	Alda robotics doo Beograd	Serbia
38	272	TRIBE	France
39	277	Soraya Zidane	Belgium
40	284	Kowat Control Biiomuimético	Spain
41	285	ATLANT 3D Nanosystems	Denmark
42	321	Organic Control System	Serbia
43	322	Hakunamadata	France
44	331	MyHabeats	Greece
45	339	SIDRIAS	Slovenia
46	350	SIDRIAS Team	Slovenia

Table 3 - List of Declined Applications

4 Evaluation process

4.1 STARTUP3 Evaluation Process

Usually, evaluation is performed by a pool of experts in the field, who are assigned a number of applications and provide ratings on a prefixed scale according to several evaluation criteria. Usually, the scale is 1 to 5 or 1 to 7, sometimes with half-point increments. Several evaluators are used per applications, and their ratings are finally either averaged or a consensus is sought between them regarding the final rating. There are a number of problems with this procedure:

1. It requires engagement of a number of high-quality experts, who take a substantial time to perform the task, and are costly.
2. It assumes that experts are all of the same level of harshness/mildness, so that there is no bias towards giving higher or lower grades to all applications an evaluator has to rate.
3. It also assumes that the experts are good enough to evaluate all the criteria, e.g. team quality, product vision, market potential. The reality is that every human being has his/her strong and weak sides, and that no one is equally competent for all aspects of an application.
4. The applicants often have complaints after the final results are disclosed, assuming that their application finished in the hands of a less competent evaluator.
5. The evaluators can also be biased towards certain applicants, their countries of origin, the subsector of the application etc. The bias can be pro or con, irrelevant, but it almost always exists.
6. Applicants are passive in the process, and their expertise known only through the numbers they gave about the experience they had.

We have established a novel evaluation process that tries to overcome all those challenges.

1. Instead of using a pool of experts, we use applicants themselves, thus dropping objections 1. and 6.
2. Our method is based on a comparison of two applications, not on giving grades, and a much lower expertise is required to compare two applications regarding a well-defined criterion that to give the fair grade on any scale. People are naturally good in performing a binary comparison. At least, the level of harshness/mildness is excluded, so that objections 2. and 3. are dropped as well.
3. Applicants are evaluators themselves and are ranked both based on evaluations received and those given. If they rank low in the end, it is 49% based on their competences to evaluate others and cannot complain about the incompetence of others to evaluate them alone. Moreover, their application is compared about 80 times to other applications, and occasional flaws of judgement are easily rectified. Objection 4. thus, does not apply to our system as well.
4. Objection 5. stays for our method as well, but with a catch. Namely, several evaluators (3 or 5) have the same pair to compare. The one biased will most likely be in minority and staying in minority ruins the competence ranking of the evaluator, not influencing the evaluated at all. The applicants are repeatedly warned about this, so that they tend to be as unbiased as possible, because their bias is a sort of boomerang. To suppress further the bias of the applicants as evaluators, applicants from the same country are never the evaluators of their compatriots.

Thus, all 6 objections to a standard evaluation procedure are overcome by the procedure applied for the STARTUP3 call, with objection 5. being the strongest and valid if very massive, i.e. if there is a preorganized clique of applicants from different countries that are willing to support each other regardless of anything. The clique must have a significant percentage of all the applicants to become effective, i.e. to overcome the boomerang effect of dropping in the competence sector. The percentage would have to be above 30% or so for a clique to be successful and given the fact that the percentage of applications selected was much lower, it is inconceivable that one existed in STARTUP3.

The details on the procedure are described below:

1. Three quality lists are obtained by an algorithm that takes into account the results of pairwise comparisons between two applications. The sequence of assigning comparisons to be made is determined by our own algorithm that maximizes the information about the total ordering of all three lists combined. We have envisaged 9 time slots to ensure the full sorting of the list, which can contain up to 1024 applications in it. More time slots yield a much better precision of the final result for the same number of comparisons, but the algorithm yields pretty good results in simulations even with this number.
2. Three competence lists are obtained by sorting the weighted mean square grade interval allowed error (SGIAE). SGIAE is calculated as the average square of the ranking position difference of the two participants on the final list minus 5% of the number of participants in the case of erroneous decision (e.g. if one application has finished on the 13th place and the other on the 78th on the criterion quality rank of 400 applicants, then the evaluator who gave precedence to the latter has an SGIAE of $((78-13)-400*0.05)^2$, that is $45^2=2025$; if the precedence is given to the former, or the difference of the two applications on the final rank list lies in the grace interval (here, $400*0.05=20$), 0 is added to the total SGIAE. The final average (mean) is obtained dividing SGIAE by the total number of decisions made by the reviewer. E.g. if in our example the said reviewer had 5 decisions to make, and s/he decided that 78 is better than 13 (as above), that 46 is better than 55, that 131 is better than 117, that 147 is better than 365, and that 211 is better than 92, the SGIAE will be $(78-13-20)^2 + 0 + 0 + 0 + (211-92-20)^2 = 45^2 + 99^2 = 2025 + 9801 = 11826$. The mean SGIAE would be $11826/5 = 2365.2$. Note that, although in reality 117 is better than 131, this error was not penalized because of $131-117 = 14 < 20 = 400*0.05$.
3. The ranking according to three criteria is obtained by weighting the quality and competence lists, where the weights are 0.51 for quality and 0.49 for competence. Again, those averages are ordered, and the ranking according to a criterion obtained.
4. The overall list is obtained by sorting the weighted rankings on the three criteria lists. The weights are 18,997%, 38,0003% and 43,0027% for the three criteria rankings. E.g., if an application is ranked 26th, 23rd, and 46th on those three lists, its average would be 33.46053. Ordering those averages, it could finally rank even in the 1st, but more probably in, say, 12th or 113th place (just for an example), depending on the averages the other applications obtained. In general, averaging introduces a bias towards the median ($N/2$, where N is the number of applicants), so that it is expected that the final position is shifted away from that median. E.g. if the averages were 29.60, 35.10, and 40.23, and all other averages would be either less than 29,60 (say, 67 of them), or above 40.23 (say, 330 of them), then the one with average 29.60 would be 68th out of 400, the one with average 35.10 would be 69th, and the one with average 40.23 would be 70th on the final (averaged) criteria list.

The reason why competence is so important is because it is not the application, but the team quality that is the focus of this call. Moreover, stressing competence in evaluation is a primary tool in making the evaluation process resistant to bias and as fair as possible.

4.2 Process and Statistics per Round

On April 22nd 2020, all the accepted applicants (204) received the detailed Instructions on peer-to-peer evaluation within STARTUP3 Accelerator Open Call.

The instructions contained all the relevant information about the evaluation process and timeline, starting with the evaluation notice to mind the deadlines, as missing to deliver the evaluations in any of the time slots would exclude their applications from further processing, with no possibilities for them to be reactivated and re-processed.

The evaluation process has been divided into 9 time slots, each one with precisely specified deadlines.

THE P2P PERIOD TIMELINE

Start: Thursday, 23-04-2020

End: Thursday, 21-05-2020

STEP 1 – Notification email

The process of p2p evaluation has been divided into **9** time slots between April 23rd and May 21st, 2020. For each time slot, an applicant had received the notification email with the subject: **STARTUP3 Open Call – Evaluation task(s) assigned**. The email had contained the information about the **quantity** of **pair(s)** of applications for the evaluation and the **deadline** for submitting the evaluations.

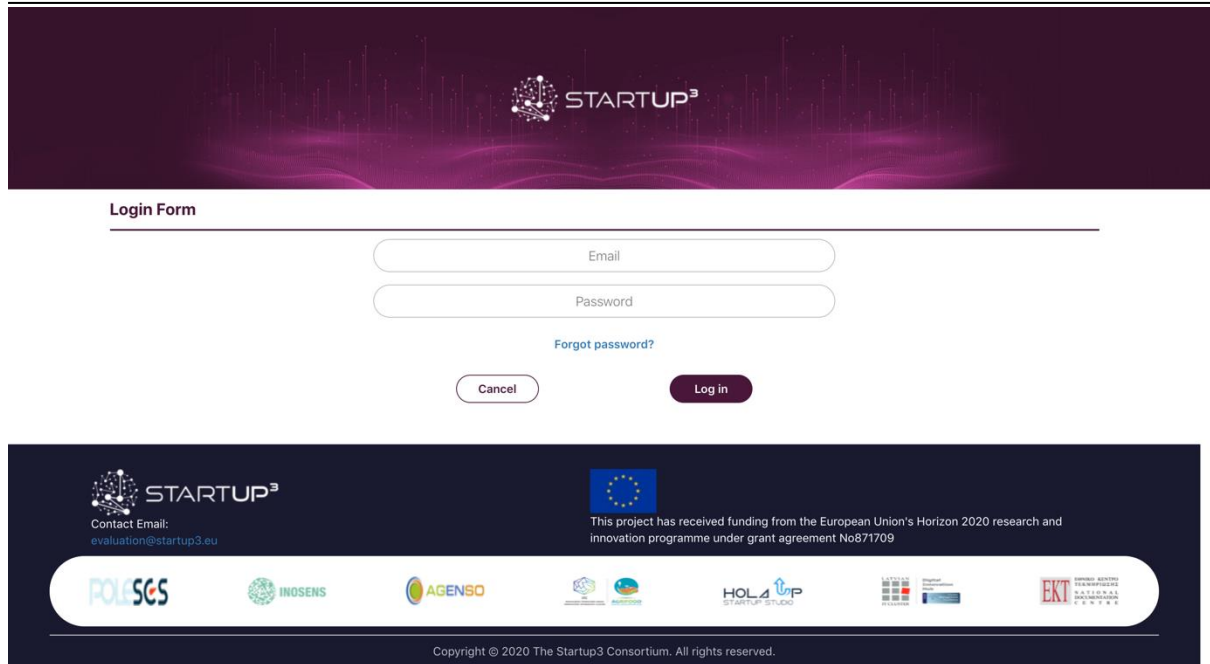
APRIL 2020						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		
MAY 2020						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Time Slot #	START	END
Time slot 1:	23-Apr-20	26-Apr-20
Time slot 2:	27-Apr-20	29-Apr-20
Time slot 3:	30-Apr-20	3-May-20
Time slot 4:	4-May-20	6-May-20
Time slot 5:	7-May-20	9-May-20
Time slot 6:	10-May-20	12-May-20
Time slot 7:	13-May-20	15-May-20
Time slot 8:	16-May-20	18-May-20
Time slot 9:	19-May-20	21-May-20

Figure 15 - Time slots schedule

STEP 2 – Login to STARTUP3 Open Call p2p evaluation platform

Login link for STARTUP3 Open Call p2p evaluation platform was <http://evaluation.STARTUP3-accelerator.eu/login>



STARTUP³

Login Form

Email

Password

[Forgot password?](#)

Cancel Log in

STARTUP³
Contact Email:
evaluation@startup3.eu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No871709

POLESSES INOSENS AGENSO HOL4UP EKT

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Figure 16 - Login page

The users (evaluators) have used their credentials to login to STARTUP3 Open Call p2p evaluation platform.

They needed to compare the assigned pairs of applications.

The evaluation process has been initiated by clicking the **EVALUATE** button. The applicants had to watch **BOTH** videos carefully, **from the beginning to the end**. The videos that exceeded the duration of 2 minutes have been automatically stopped after exactly 2 minutes of playback. This was a normal behavior, as the duration of videos submitted by the applicants had been limited to 2 minutes, to match the STARTUP3 project regulations.

The 3 evaluation criteria were:

1. Previous experience and current activities
2. Understanding of the dynamics across verticals and markets
3. Vision for new products/services and collaborative business models

For each criterion, an applicant was expected to choose the video that he/she considered better.

Clicking the **Submit** button had submitted their evaluations.

The screenshot displays the STARTUP³ evaluation interface. At the top, the STARTUP³ logo is visible, along with the email milicans+3@gmail.com and a Log out button. Below the header, there is a 'Go Back' button and the section 'Evaluation process'. A instruction reads: 'Please watch both videos carefully'.

Two video thumbnails are shown side-by-side:

- A-0472:** A video titled 'FreakOut Tech' showing a modern, green, curved architectural structure.
- A-0474:** A video titled 'YOUR BRAIN VS GENIUS BRAIN' showing a hand holding a glowing brain model.

Below the videos, a prompt asks: 'Please select a better Application, according to each of the following criteria:'.

The criteria and selection buttons are:

- 1. Previous experience and current activities**
 - 472 (selected)
 - 474
- 2. Understanding of the dynamics across verticals and markets**
 - 472 (selected)
 - 474
- 3. Vision for new products / services and collaborative business models**
 - 472
 - 474 (selected)

At the bottom of the selection area are 'Cancel' and 'Submit' buttons.

The footer contains the STARTUP³ logo, contact email (evaluation@startup3.eu), the European Union flag, and a statement: 'This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No871709'. It also lists partner logos: POLESSES, INOSENS, AGENSO, HOLA STARTUP STUDIO, and EKT. The copyright notice reads: 'Copyright © 2020 The Startup3 Consortium. All rights reserved.'

Figure 17 - The example of an evaluation pair

The same procedure had been repeated for all the remaining pairs of applications/videos.

Throughout the evaluation process, the applicants were receiving the e-mail reminders if their evaluators' tasks had not been completed.

Evaluator panel

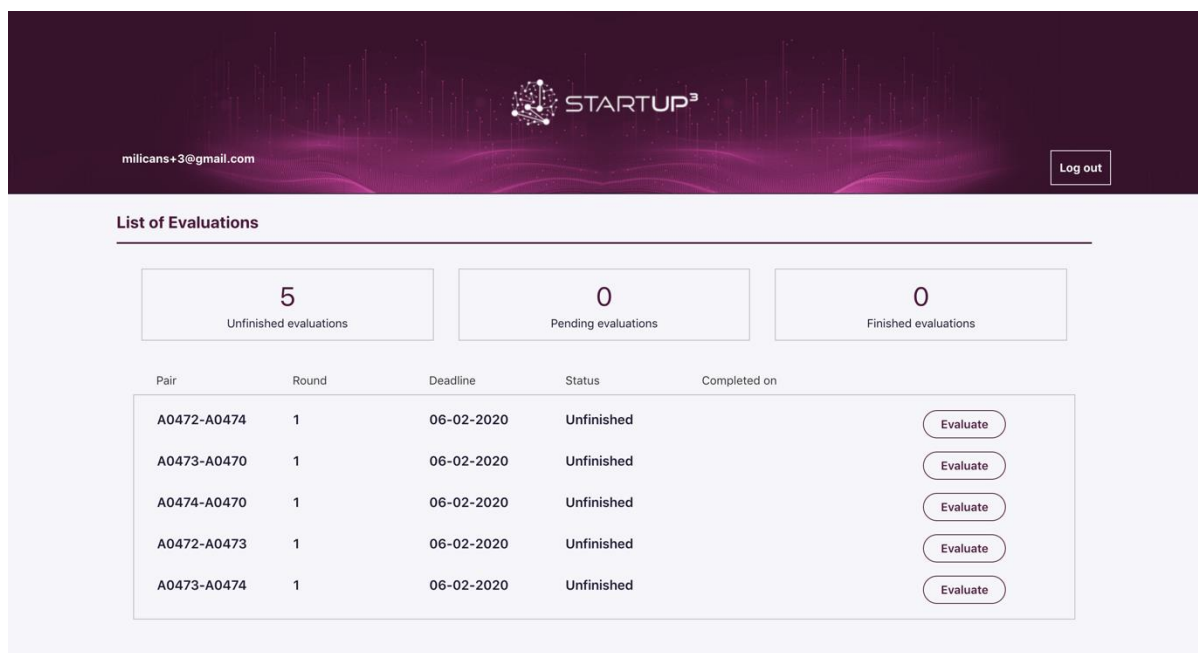
The evaluator panel displayed the list of all pairs/groups of applications, assigned to the applicant to be evaluated. The same page provided the access to the evaluation of each pair/group.

The List of evaluations consisted of:

- The number of assigned/finished/unfinished applications/evaluations
- The unique codes, that identifies each pair of applications
- The evaluation round
- The evaluation deadline
- The evaluation status
- Date when the evaluation has been completed

The "Evaluate" button was sending the applicant to the next page, to evaluate the selected pair of applications.

Once the evaluation deadline has expired, the "Evaluate" button was not visible anymore (otherwise, it would have been visible on the right side to «Read» button).



The screenshot shows the Startup3 evaluator interface. At the top, there's a header with the Startup3 logo, a user email 'milicans+3@gmail.com', and a 'Log out' button. Below the header, the title 'List of Evaluations' is displayed. A summary section shows three boxes: '5 Unfinished evaluations', '0 Pending evaluations', and '0 Finished evaluations'. The main part of the interface is a table with columns: Pair, Round, Deadline, Status, Completed on, and an 'Evaluate' button for each row.

Pair	Round	Deadline	Status	Completed on	
A0472-A0474	1	06-02-2020	Unfinished		Evaluate
A0473-A0470	1	06-02-2020	Unfinished		Evaluate
A0474-A0470	1	06-02-2020	Unfinished		Evaluate
A0472-A0473	1	06-02-2020	Unfinished		Evaluate
A0473-A0474	1	06-02-2020	Unfinished		Evaluate



The footer section of the Startup3 interface. It includes the Startup3 logo and contact email 'evaluation@startup3.eu'. A European Union flag is shown with text stating: 'This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No871709'. Below this, a row of logos for partner organizations: POLESSES, INOSENS, AGENSO, and HOL4 UP STARTUP STUDIO. At the bottom, a copyright notice reads: 'Copyright © 2020 The Startup3 Consortium. All rights reserved.'

Figure 18 - Evaluator panel

4.3 Time slots

On April 23rd 2020, there were 6 applicants who failed to register their evaluators' accounts. The deadline for creating the evaluators account had expired on 23rd April 2020, 10:30 CET.

The total of 198 out of 204 applicants have managed to create their evaluator accounts within the deadline, and the time slot 1 had started on 23rd April 2020, at 11:13 CET. Six applicants who failed to register evaluator accounts were moved to the declined applications.

NO	IDEA ID	NAME	COUNTRY
1	E162	PLANT ON DEMAND	Spain
2	E174	R8tech	Estonia
3	E179	Miniplast d.o.o.	Slovenia
4	E232	WeAreDots, SIA	Latvia
5	E255	Honuline d.o.o.	Slovenia
6	E316	Graphenest, S.A.	Portugal
TOTAL UNREGISTERED			6

Table 4 - Unregistered applicants

4.3.1 Time slot 1 (TS1)

The total of 1188 evaluations have been assigned to 198 evaluators within the time slot 1 (TS 1). The deadline for delivering the evaluations was 26th April 2020, 23:59 CET. During the TS 1, two automatic email reminders had been sent to all evaluators who failed to deliver their evaluations by the time of sending the reminder. On 27th April 2020, at 10:34 CET, the Time slot 1 has been closed. A total of 182 out of 198 evaluators have delivered their evaluations on time, while 16 of them had failed to deliver the assigned evaluations. Within the TS1, the total of 1188 evaluation requests had been sent to the evaluators, who had completed and sent back 1094 evaluations in time (**delivery rate: 92.09%**). Below is the list of the applicants who failed to send back the evaluations in time.

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 1
1	E104	Peruvian Superfoods doo	Serbia	5
2	E115	Digital worx doo	Serbia	6
3	E116	Dr Theodoros Apousidis	Greece	6
4	E126	A.T	Serbia	6
5	E132	Momčilo Medaković	Serbia	6
6	E136	GEORGIOS DEIRMENTZOGLU	Greece	6
7	E141	ProboTEK	Greece	6
8	E149	Metabolic Robots	Israel	6
9	E165	INTELLIGENT HIVES SPÓŁKA	Poland	6
10	E221	presize	Germany	6
11	E230	Publitio	Serbia	6
12	E231	Rollet	Hungary	6
13	E246	Smart Forest	Germany	6
14	E270	Recytrust	Greece	5

15	E287	Yatta	Latvia	6
16	E301	ZELEROS GLOBAL, S.L.	Spain	6
TOTAL UNFINISHED				94

Table 5 - List of evaluators who failed to deliver evaluations in the TS 1 (23 – 26 April 2020)

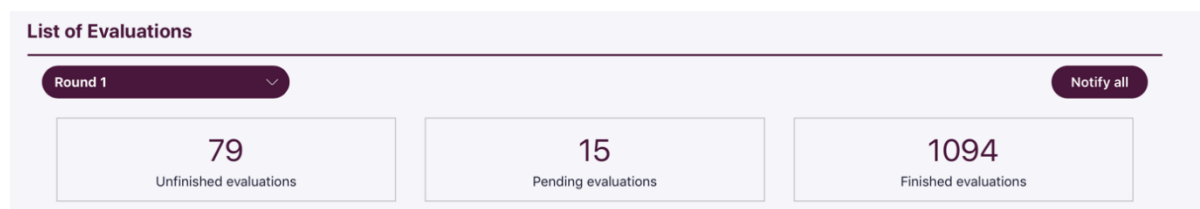


Figure 19 - The ratio of unfinished/pending/finished evaluations within the Time slot 1

4.3.2 Time slot 2 (TS2)

The time slot 2 had started on 27th April 2020 at 10:36 CET, assigning 1092 evaluations to 182 evaluators. The deadline for delivering the evaluations was 29th May 2020, 23:59 CET. During the TS 2, 2 automatic email reminders had been sent to all the evaluators who failed to deliver their evaluations by the time of sending the reminder. On 30th April 2020 at 10:30 CET the Time slot 2 has been closed. A total of 174 out of 182 evaluators had delivered their evaluations on time, while 8 of them have failed to deliver the assigned evaluations. Within the TS2, the total of 1092 evaluation requests had been sent to the evaluators, who had completed and sent back 1044 evaluations in time (**delivery rate: 95.60%**). Below is the list of the applicants who failed to send back the evaluations in time.

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 2
1	E111	Odo Ride	Serbia	6
2	E113	Hercegovac IT	Serbia	6
3	E122	Spacelt	Serbia	6
4	E140	ELECTRA energy cooperative	Greece	6
5	E248	AccessLab	Greece	6
6	E268	Agro Pace	Serbia	6
7	E310	Techbros GmbH	Germany	6
8	E336	Earthlab AI Systems	Spain	6
TOTAL UNFINISHED				48

Table 6 - List of evaluators who failed to deliver evaluations in the TS 2 (27 – 29 April 2020)

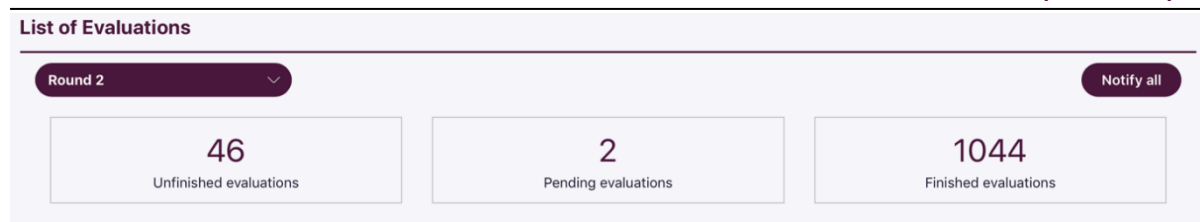


Figure 20 - The ratio of unfinished/pending/finished evaluations within the Time slot 2

4.3.3 Time slot 3 (TS3)

The time slot 3 has started on 30th April 2020 at 10:30 CET and 1044 evaluations have been assigned to 174 evaluators. The deadline for delivering the evaluations was 03rd May 2020, 23:59 CET. During the TS 3, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 4th May 2020 at 10:20 CET the Time slot 4 has been closed. 169 out of 174 evaluators have delivered their evaluations on time, while 5 of them failed to deliver assigned evaluations. Within the TS3, the total of 1044 evaluation requests had been sent to the evaluators, who had completed and sent back 1014 evaluations in time (**delivery rate: 97.13%**). Below is the list of the applicants who failed to send back the evaluations in time.

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 3
1	E131	Active Albania shpk	Albania	6
2	E169	ELMIBIT d.o.o.	Slovenia	6
3	E177	MuchSkills	Sweden	6
4	E213	MarginThoughts, Ida.	Portugal	6
5	E297	TRIBE	France	6
TOTAL UNFINISHED				30

Table 7 - List of evaluators who failed to deliver evaluations in the TS 3 (30 April – 03 May 2020)

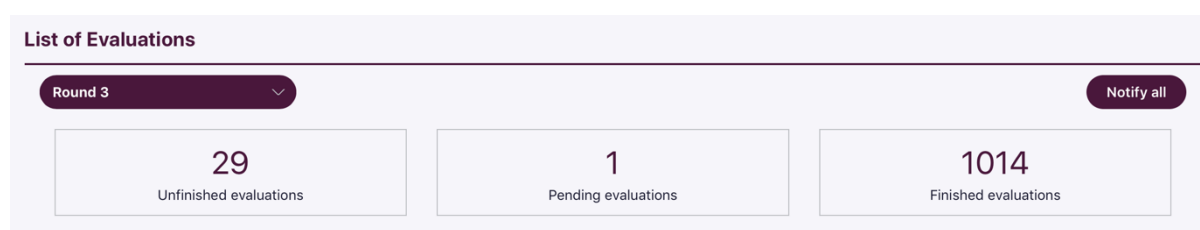


Figure 21 - The ratio of unfinished/pending/finished evaluations within the Time slot 3

4.3.4 Time slot 4 (TS4)

The time slot 4 has started on 04th May 2022 at 10:22 CET and 1014 evaluations have been assigned to 169 evaluators. The deadline for delivering the evaluations was 06th May 2020, 23:59 CET. During

the TS 4, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 07th May 2020 at 10:23 CET the Time slot 4 has been closed. 164 out of 169 evaluators have delivered their evaluations on time, while 5 of them failed to deliver assigned evaluations. Within the TS4, the total of 1014 evaluation requests had been sent to the evaluators, who had completed and sent back 984 evaluations in time (**delivery rate: 97.04%**). Below is the list of the applicants who failed to send back the evaluations in time.

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 4
1	E159	Computonics GmbH	Germany	6
2	E168	Sikur	France	6
3	E186	Mahabir Gupta	Sweden	6
4	E238	Solidarity Services (Galaxis Network)	United Kingdom	6
5	E347	Donal Madden	Ireland	6
TOTAL UNFINISHED				30

Table 8 - List of evaluators who failed to deliver evaluations in the TS 4 (04 – 06 May 2020)

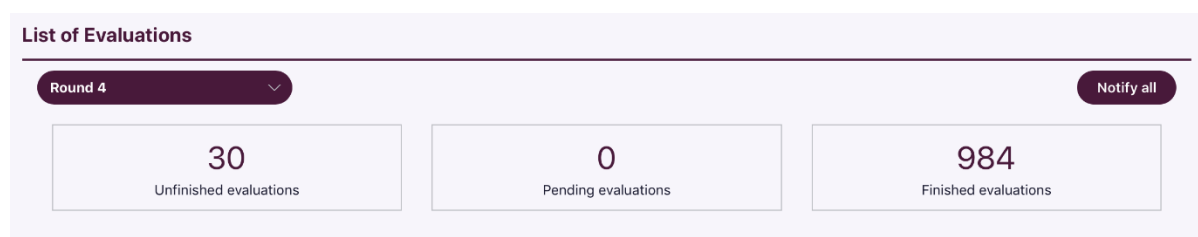


Figure 22 -The ratio of unfinished/pending/finished evaluations within the Time slot 4

4.3.5 Time slot 5 (TS5)

The time slot 5 has started on 07th May 2020 at 10:24 CET and 984 evaluations have been assigned to 164 evaluators. The deadline for delivering the evaluations was 09th May 2020, 23:59 CET. During the TS 5, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 10th May 2020 at 11:20 CET the Time slot 5 has been closed. 162 out of 164 evaluators have delivered their evaluations on time. The total of 972 evaluations out of 984 assigned have been received by the end of the TS 5 (**delivery rate: 98.78%**).

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 5
1	E304	Mo'Real Universe (indexAR)	Romania	6
2	E317	Overture Life S.L.	Spain	6
TOTAL UNFINISHED				12

Table 9 - List of evaluators who failed to deliver evaluations in the TS 5 (07 – 09 May 2020)

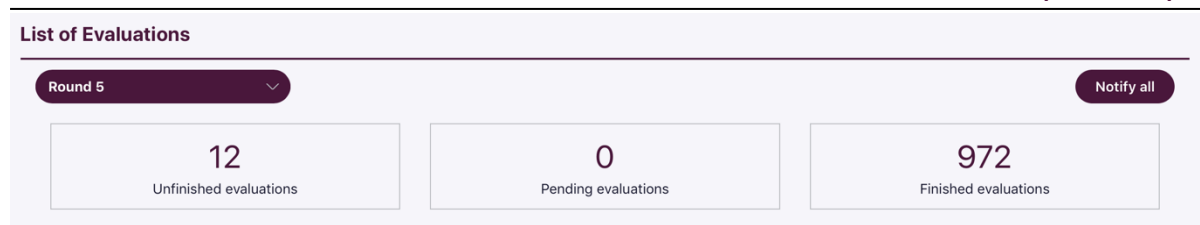


Figure 23 -The ratio of unfinished/pending/finished evaluations within the Time slot 5

4.3.6 Time slot 6 (TS6)

The time slot 6 has started on 10th May 2020 at 11:2 CET and 972 evaluations have been assigned to 162 evaluators. The deadline for delivering the evaluations was 12th May 2020, 23:59 CET. During the TS 6, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 13th May 2020 at 10:20 CET the Time slot 6 has been closed. 162 out of 162 evaluators have delivered their evaluations on time. The total of 972 evaluations out of 972 assigned, have been received by the end of the TS 6 (**delivery rate: 100%**).

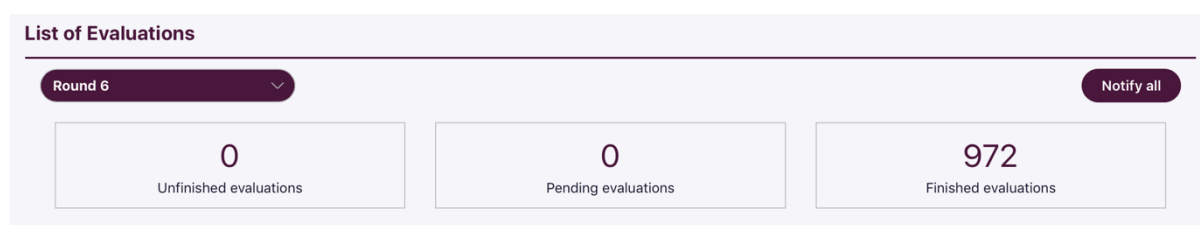


Figure 24 - The ratio of unfinished/pending/finished evaluations within the Time slot 6

4.3.7 Time slot 7 (TS7)

The time slot 7 has started on 13th May 2020 at 10:22 CET and 972 evaluations have been assigned to 162 evaluators. The deadline for delivering the evaluations was 15th May 2020, 23:59 CET. During the TS 7, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 16th May 2020 at 11:15 CET the Time slot 7 has been closed. 161 out of 162 evaluators have delivered their evaluations on time. Within the TS7, the total of 972 evaluation requests had been sent to the evaluators, who had completed and sent back 966 evaluations in time (**delivery rate: 99.38%**).

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 7
1	E191	REFARMO GmbH	Austria	6
TOTAL UNFINISHED				6

Table 10 - List of evaluators who failed to deliver evaluations in the TS 7 (13 – 15 May 2020)

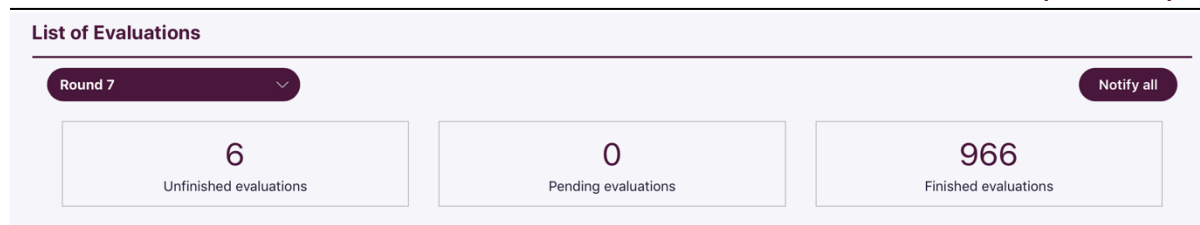


Figure 25 - The ratio of unfinished/pending/finished evaluations within the Time slot 7

4.3.8 Time slot 8 (TS8)

The time slot 8 has started on 16th May 2020 at 11:17 CET and 966 evaluations have been assigned to 161 evaluators. The deadline for delivering the evaluations was 18th May 2020, 23:59 CET. During the TS 8, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 19th May 2020 at 10:20 CET the Time slot 8 has been closed. 159 out of 161 evaluators have delivered their evaluations on time. The total of 954 evaluations out of 966 assigned have been received by the end of the TS 8 (**delivery rate: 98.76%**).

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 8
1	E178	Cronus, d.o.o.	Slovenia	6
2	E346	Christelle Mertens, Ricardo Polar	Luxembourg	6
TOTAL UNFINISHED				12

Table 11 - List of evaluators who failed to deliver evaluations in the TS 8 (16–18 May 2020)

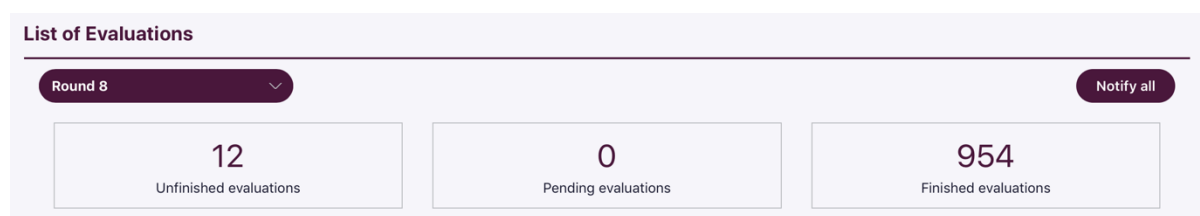


Figure 26 - The ratio of unfinished/pending/finished evaluations within the Time slot 8

4.3.9 Time slot 9 (TS9)

The time slot 9 has started on 19th May 2020 at 10:20 CET and 954 evaluations have been assigned to 159 evaluators. The deadline for delivering the evaluations was 21st May 2020, 23:59 CET. During the TS 9, 2 automatic email reminders were sent to all evaluators who have not delivered their evaluations by the time of sending the reminder. On 22nd May 2020 at 11:30 CET the Time slot 9 has been closed. 157 out of 159 evaluators have delivered their evaluations on time. The total of 942 evaluations out of 954 assigned, have been received by the end of the TS 9 (**delivery rate: 98.74%**).

NO	ID	NAME	COUNTRY	No of unfinished evaluations in TS 9
1	E250	AB Transport	Austria	6

2	E254	Data Analysis Laboratory	Georgia	6
TOTAL UNFINISHED				12

Table 12 - List of evaluators who failed to deliver evaluations in the TS 9 (19 –22 May 2020)

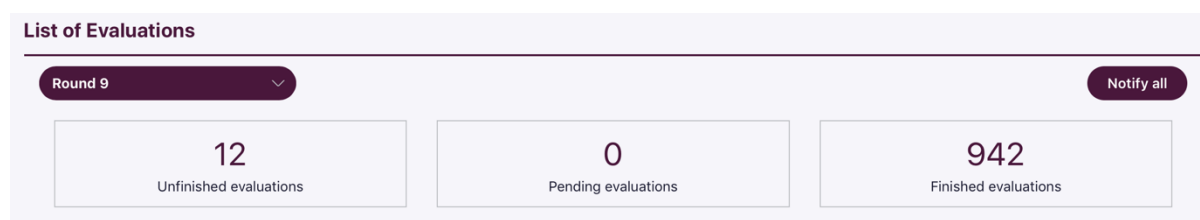


Figure 27 - The ratio of unfinished/pending/finished evaluations within the Time slot 9

4.4 Common reasons for not delivering evaluations and other time slot statistics

1. The evaluators have not followed the scheduled timeline as described in Instructions for p2p evaluation. The Instructions for p2p evaluation have been sent on 22nd April 2020, whereas no applicant had sent a single complain regarding the timeline. No complaints from the evaluators excluded from the STARTUP3 Open call for failing to deliver the evaluations on time have been accepted, and there were no evaluators who were allowed to return to the project.
2. Beside the email reminders, STARTUP3 Project personnel have used WhatsApp/Viber and other instant messaging services, trying to reach each and every evaluator who failed to deliver the evaluations within the scheduled deadline. Using the alternate communication channels to reach the evaluators was an act of a good will of STARTUP3 project personnel, not an obligation of any kind. Nevertheless, this act had significantly reduced the number of unfinished evaluations in the time slots.
3. No technical problems with the evaluation platform have been reported. As presented on Figure 29, the p2p platform has been up and running for 24/7 throughout the entire evaluation process. The peaks can be spotted on the first day of each time slot. The most evaluations have been submitted on 23rd April 2020 (543 evaluations), while the minimum had been received on 22nd May 2020 (24 evaluations).
4. 41 applications out of 198 submitted by the participants who failed to take part in the evaluation process for any reason, have been automatically taken out of participating in STARTUP3 Open Call. The evaluation platform has been built and coded so that it did not allow either being put on hold to wait for anyone, or being reverted to the previous state, for whatever reason. No extensions of any kind were possible, not being a matter of any person's good will. **The p2p platform setup has been configured to provide the identical chances to all the participants.** Each and every of them had signed the Declaration of honour, accepting the terms and conditions, and being well informed about all the time slots of evaluation rounds, which have clearly and visibly included the evaluation work scheduled to be done during public holidays, weekends etc.
5. To provide better understanding of evaluations processing, we are enclosing a demonstration line from the software code:

NO	Time slot #	Evaluator ID	Pair 1	Pair 2	List 1	List 2	List 3	Winner 1	Winner 2	Winner 3
1	1	176	349	101	-1	-1	-1	101	101	101
2	1	192	348	101	-1	-1	-1	101	101	101
3	1	216	101	104	1	-1	-1	101	104	104
4	1	280	347	101	-1	-1	-1	101	101	101
5	1	281	349	101	-1	-1	-1	101	101	101
6	1	296	347	101	-1	-1	-1	101	101	101
7	1	305	101	104	1	1	1	101	101	101
8	1	205	349	103	-1	-1	-1	103	103	103
9	1	236	103	107	1	1	1	103	103	103
10	1	275	101	103	-1	-1	-1	103	103	103

Table 13 - Evaluations overview from the software code

The applications No. 101 and 104 have been compared within the evaluation process within Timeslot #1 by the evaluator No. 216. The application 101 has been chosen as the better one for the Criterion 1, while the application 104 has been chosen as the better one for the Criterion 2 and 3.

The total of 9186 code lines like the one described above have been processed throughout the evaluation process. The results of all assigned evaluations are available in Annex I.

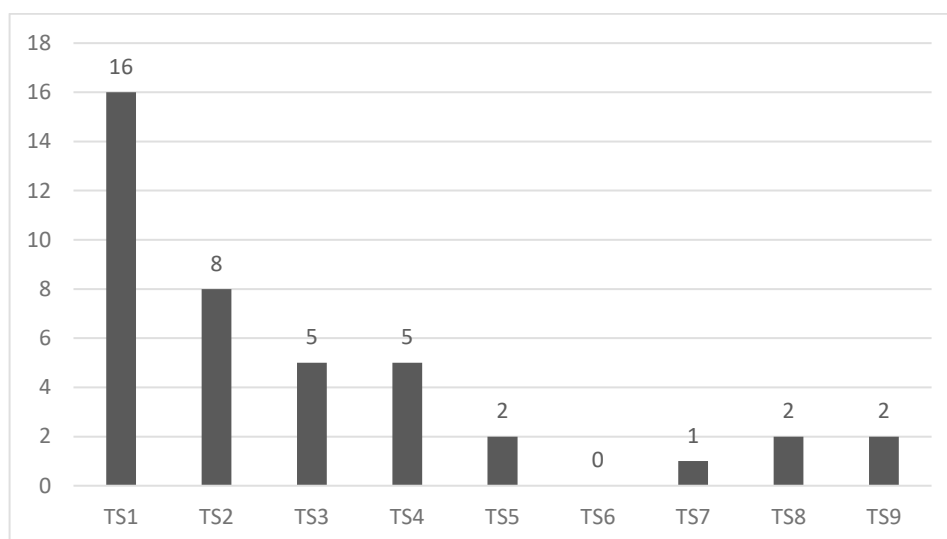


Figure 28 - Number of evaluators who failed to deliver evaluations – time slot overview (41 total)

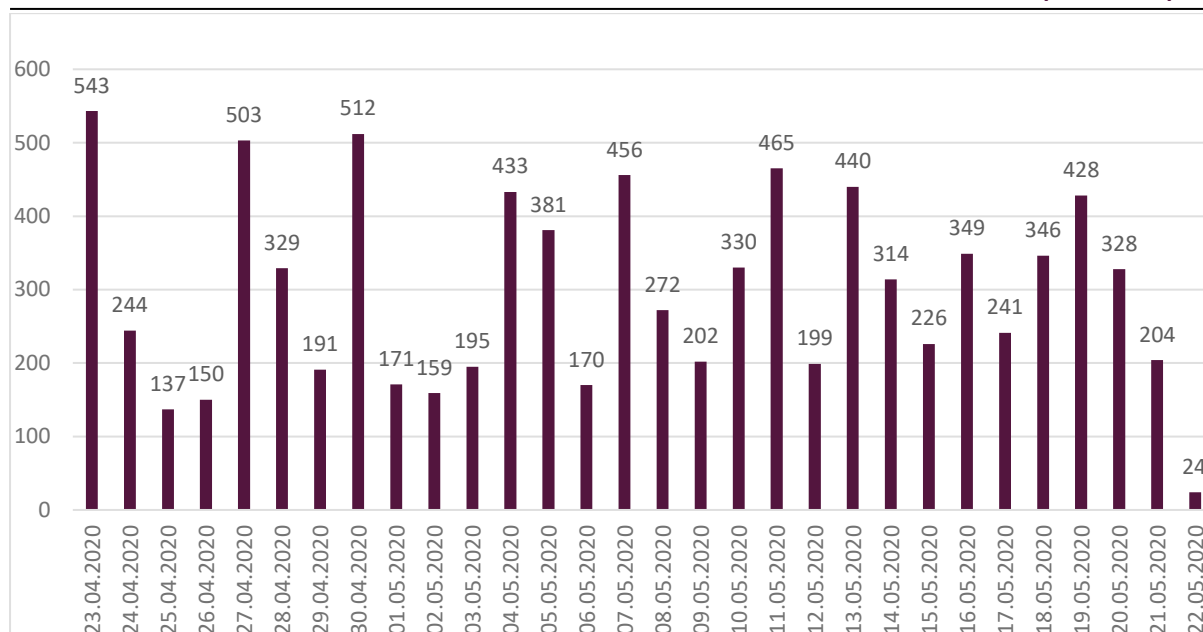


Figure 29 - Evaluations submitted – daily overview

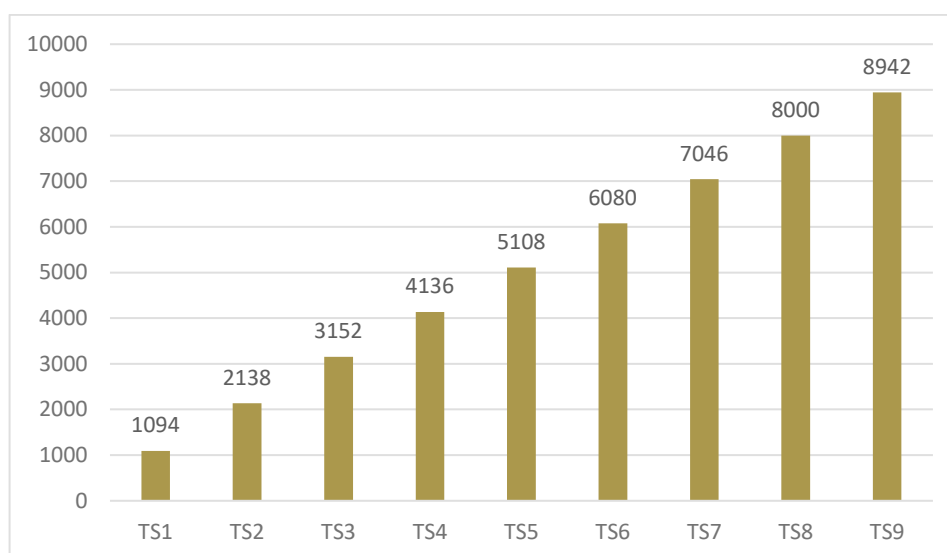


Figure 30 - Cumulative number of finished evaluations – time slot overview

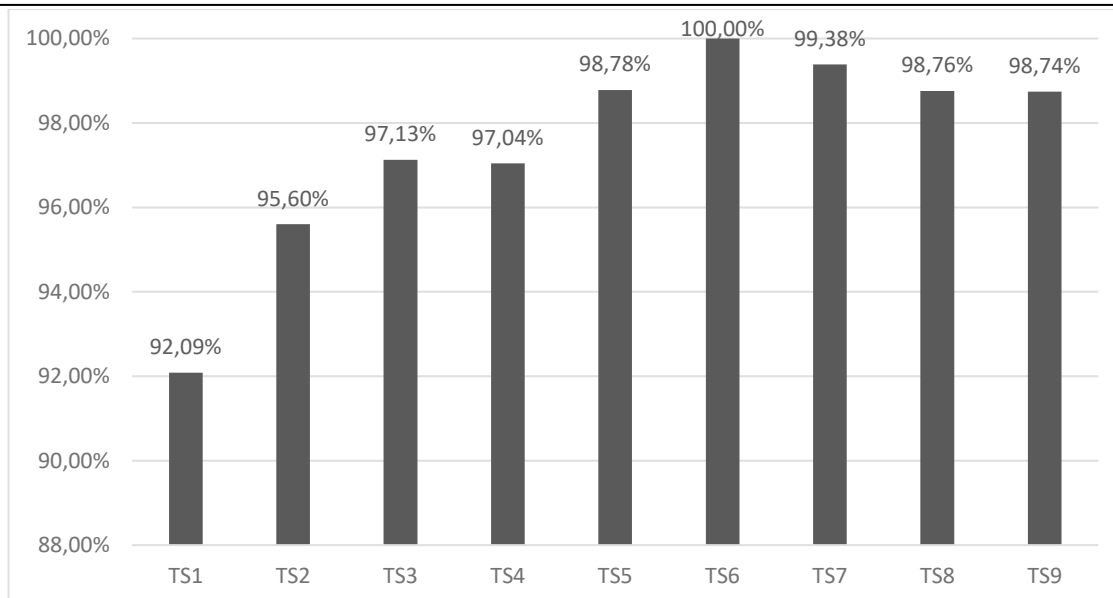


Figure 31 - Evaluations delivery rate – time slot overview

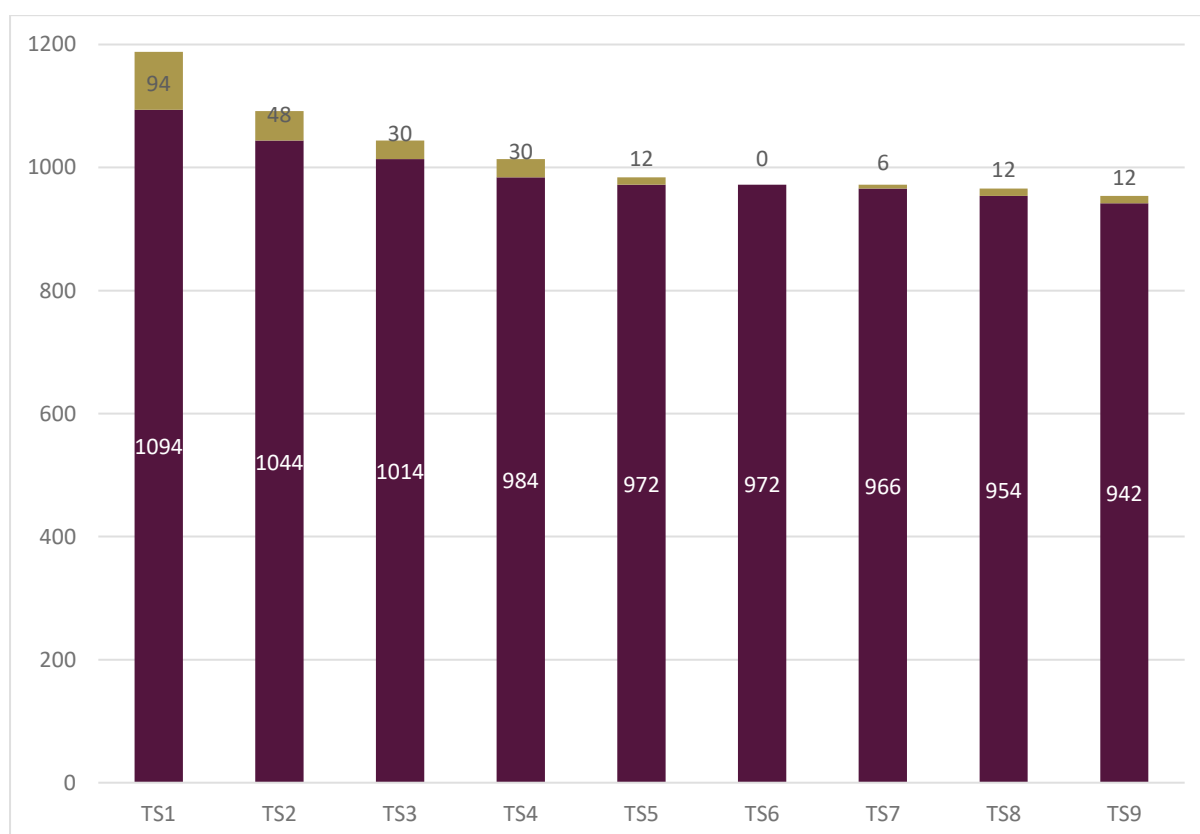


Figure 32 - Number of finished and unfinished evaluations – time slot overview

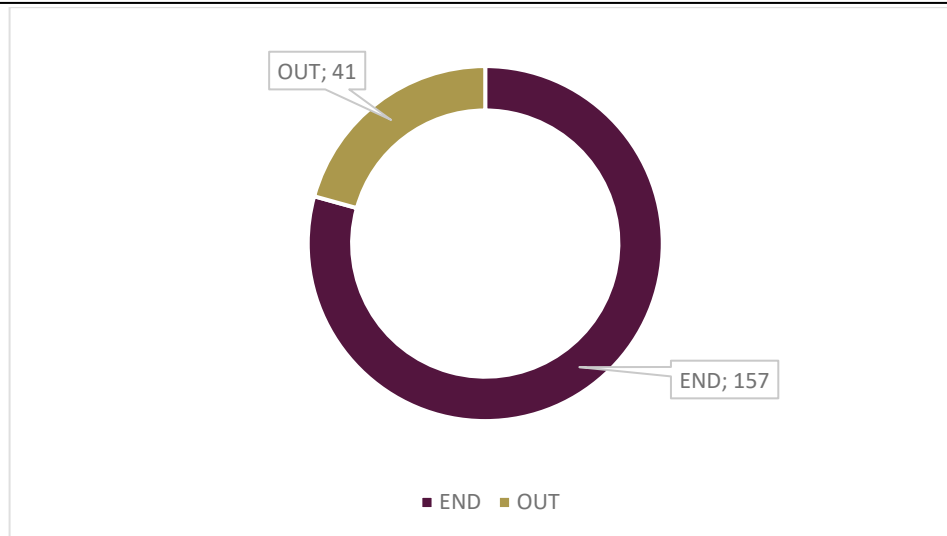


Figure 33 -Number of evaluators who finished the evaluation process and who failed the evaluation process

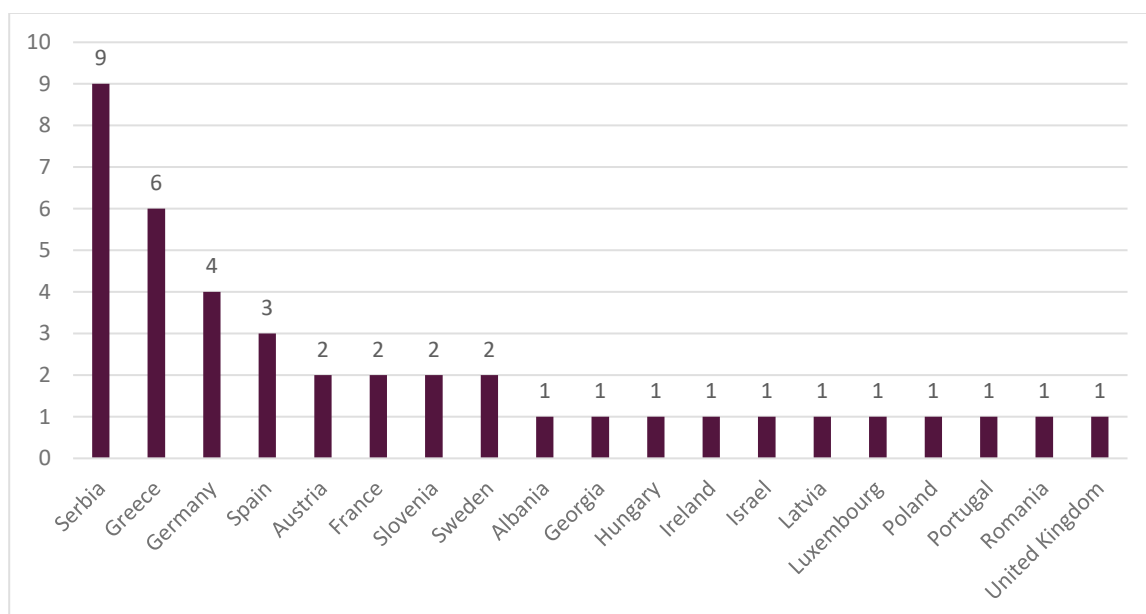


Figure 34 - Number of evaluators who failed to deliver evaluations - country overview (41 total)

STARTUP3 Evaluation overview



SU3 Evaluation Process Funnel

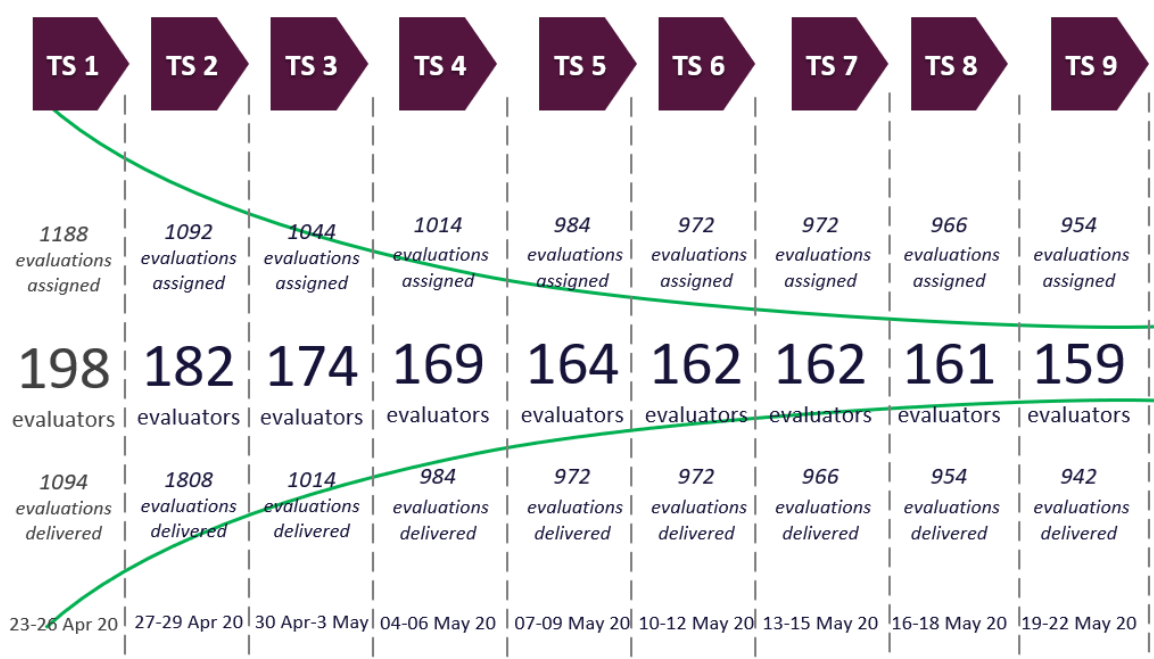


Figure 35 - The STARTUP3 Evaluation process funnel

5 Open Call Winners

As mentioned earlier STARTUP3 Open Call evaluation process officially ended on May 22nd. On May 22nd STARTUP3 evaluation team sent email notification on the STARTUP3 Open Call outcome together with their Evaluation Summary report to all applicants.

The applicants that were ranked within first 25 were informed and asked to take part in the STARTUP3 Acceleration Programme and to provide their legal data for STARTUP3 Open Call Beneficiary Agreement preparation.

The applicants that were ranked from position No. 26 to 30 were informed that they had been placed on the waiting list. In case some of the selected applicants decline their availability to take part in the STARTUP3 Acceleration Programme, their application may be invited to participate.

5.1 List of Open Call Winners

The final list of top 25 might change in case some of the selected applicants decide not to sign the STARTUP3 Open Call Beneficiary Agreement. In this case, first one from the reserve list will be invited to sign the STARTUP3 Open Call Beneficiary Agreement.

FINAL RANK	IDEA ID	NAME	COUNTRY
1	173	Laava Tech	Poland
2	188	Latitudo40	Italy
3	280	Alda robotics doo Beograd	Serbia
4	241	Oscillum Biotechnology	Spain
5	312	Sensoria Analytics	France
6	327	CENTILOC	France
7	288	RTsafe	Greece
8	216	Detektia Earth Surface Monitoring S.L.	Spain
9	291	Revalue It	Cyprus
10	343	MyDataModels	France
11	335	OPT/NET B.V.	Netherlands
12	114	Ingredio/DENTICA LTD	Greece
13	281	Alessandro Saetta	Italy
14	148	BeOn IoT	France
15	223	NeoSound Intelligence B.V.	Netherlands
16	189	penta technology	Italy
17	253	NSoilab doo Novi Sad	Serbia
18	340	Fauna Smart Technologies	Denmark

19	185	Quanta & Qualia	Greece
20	323	Ebre Drone	Spain
21	205	Termodron d.o.o.	Slovenia
22	289	MOBILLY	Latvia
23	348	EOanalytics Ltd.	Ireland
24	275	Vawlt	Portugal
25	279	BotX	Czechia

Table 14 - List of OC Winners

FINAL RANK	IDEA ID	NAME	COUNTRY
26	105	Pycno Technologies SL	Spain
27	143	Foodgroot.com	Czechia
28	206	Haruspex	Italy
29	298	Nissatech	Serbia
30	308	SafeMode (Rehapp LTD)	Israel

Table 15 – Waiting list

5.2 Statistics on the Winners of Open Call

The applications that were ranked within the first twenty-five (25) in STARTUP3 Open Call were submitted from 14 different countries. The most successful countries in terms of number of successful applications are France (4), Spain (3), Greece (3) and Italy (3).

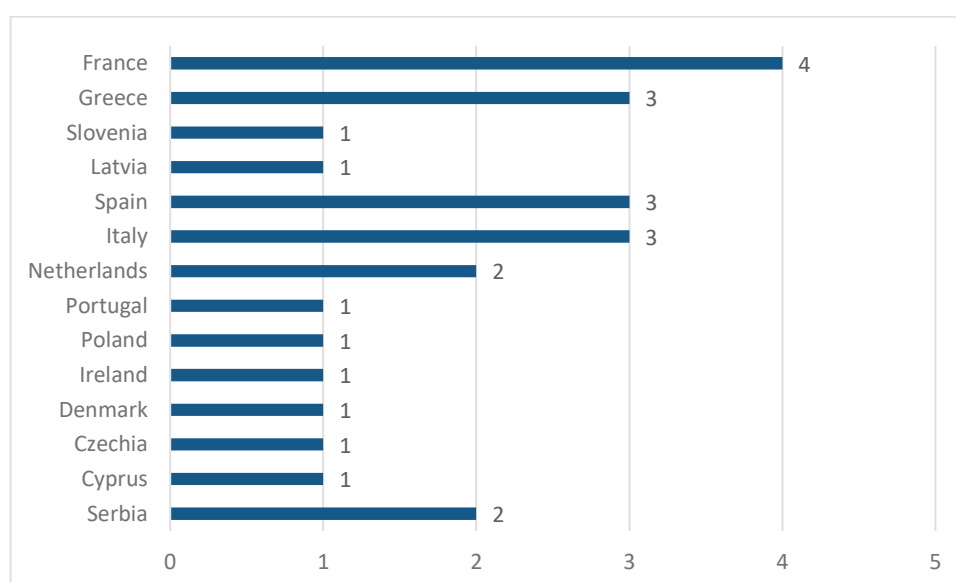


Figure 36 - Division of OC Winners by country

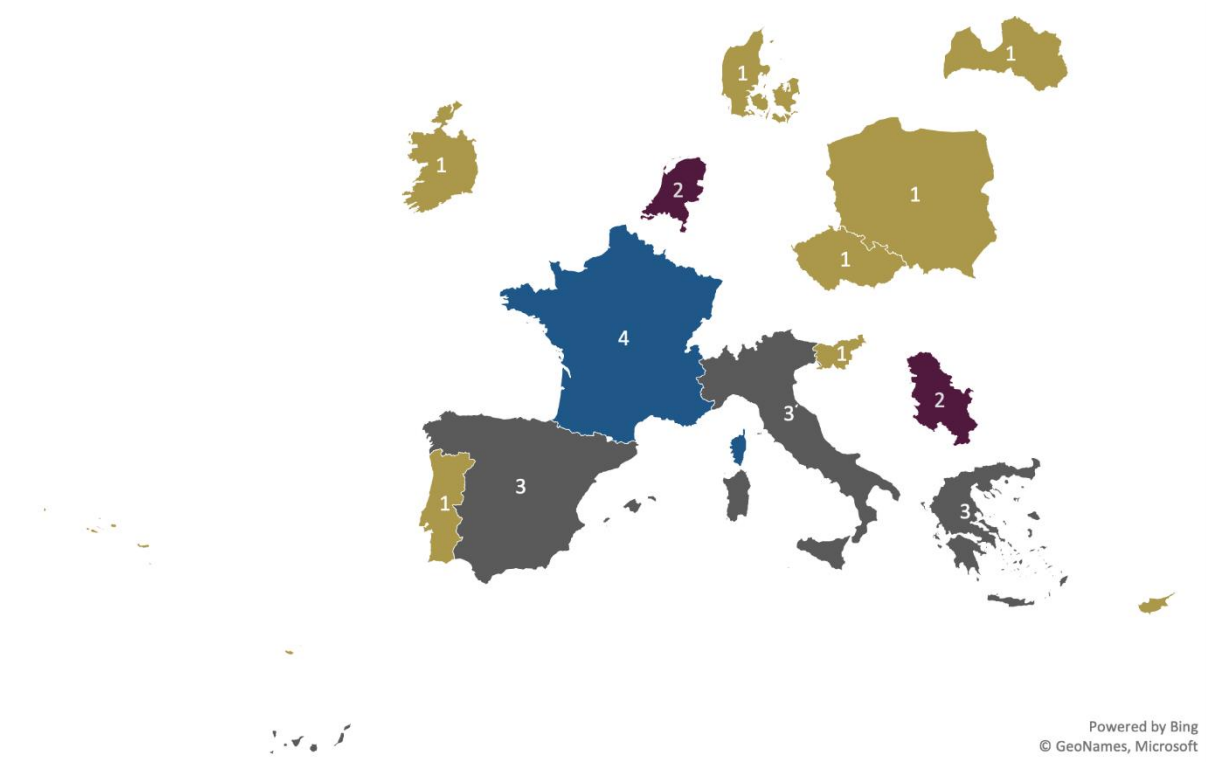


Figure 37 - OC Winners by Country of Origin

When it comes to diversity of successful applications, 56% of selected applications are from countries not participating through STARTUP3 Consortium. 92% of applications came from EU member countries while 8% came from Non-EU member countries.

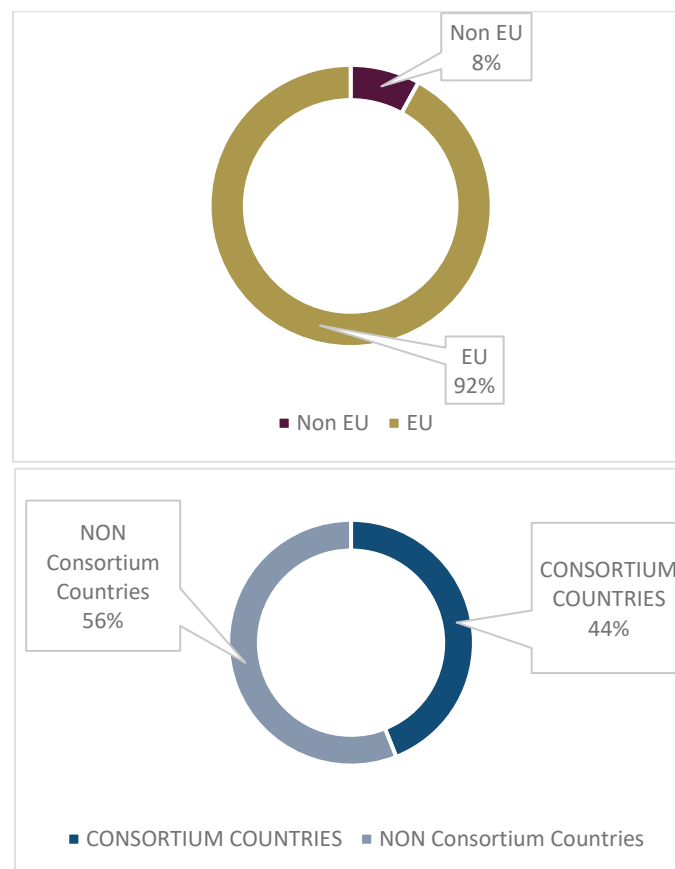


Figure 38 - Distribution of Applicants based in EU and STARTUP3 Consortium Countries

Most of the successful applications (80%) were submitted by already established SMEs. Yet, given that 20% were at the time not registered entities which will have to register in order to enter the programme, STARTUP3 project successfully achieved the goal of strengthening entrepreneurship in Europe. Following STARTUP3 OC, 5 new companies will be established in different European countries. This shows, that STARTUP3 Open Call managed to reach and involve selected target group single entrepreneurs, startups and researchers. When it comes to gender balance of selected teams, 60% of team members are males while 40% are females.

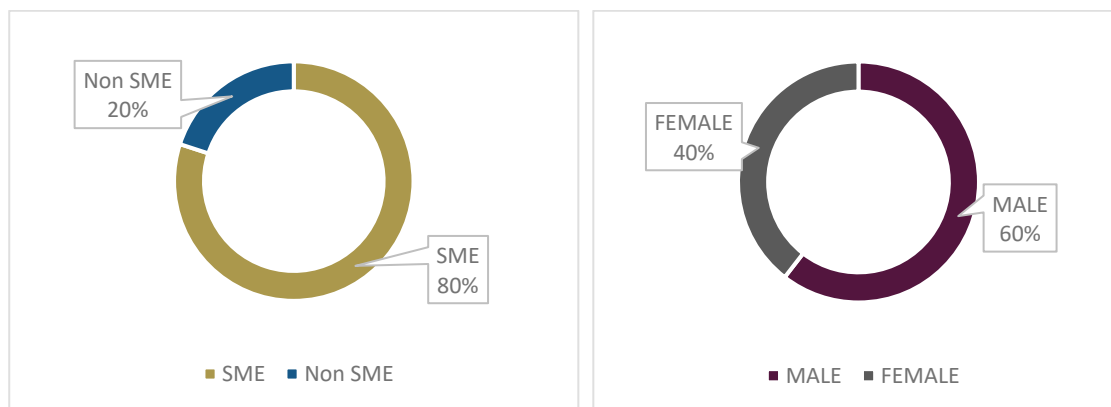


Figure 39 - Distribution of SMEs; Gender in Teams

Looking at the sectors identified by STARTUP3 project, applications of the top 25 came primarily from the agriculture/forestry/fishing, healthcare industry, electrical and electronic engineering industries, medical devices and space.

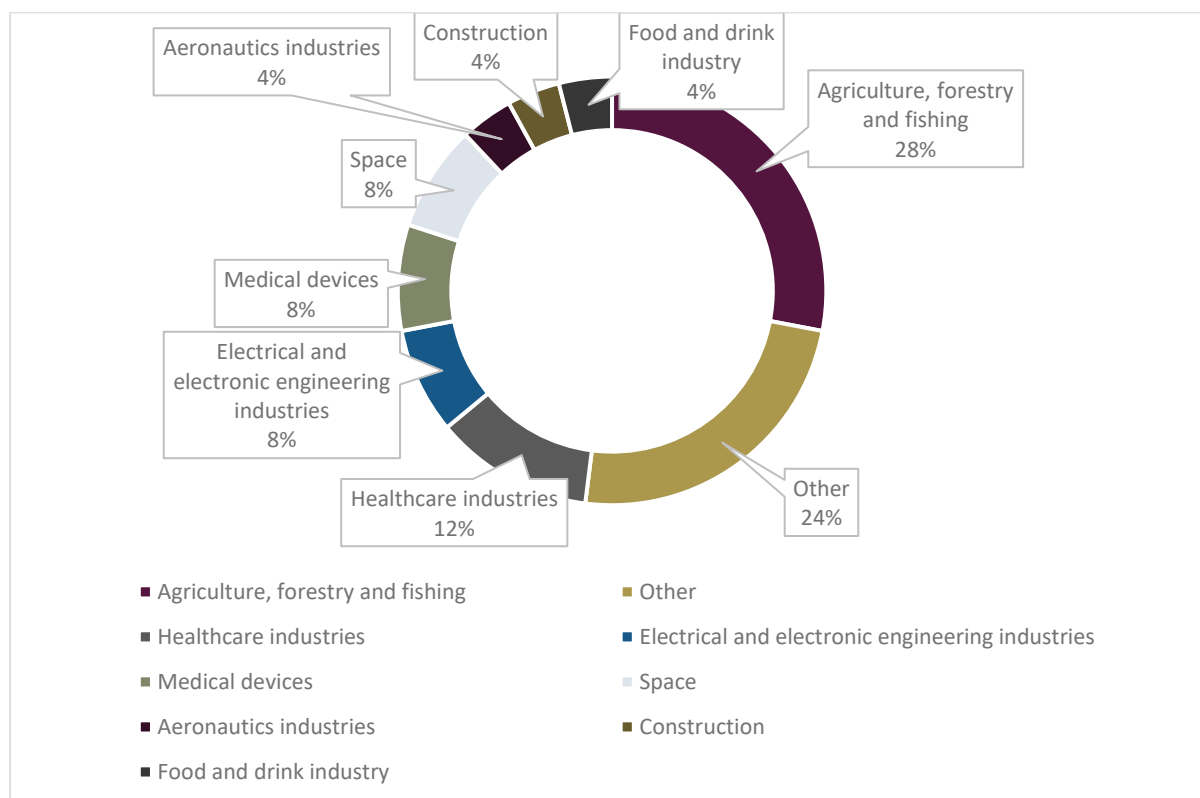


Figure 40 - Division of Sectors

6 STARTUP3 Open Call Beneficiary Agreement

After the end of the evaluation process on 22 May 2020, the contracting phase started after a first validation by each startup made by the STARTUP3 evaluation team. The contracts and instructions for registration were sent to the 25 startups on 27 May 2020.

6.1 Contracts and justification documents

Before the public announcement of the results, the startups ensured their engagement in the programme by signing the following contracts:

- The STARTUP3 Open Call Beneficiary Agreement⁴,
- The Declaration of Honour⁵.

In order to finalise their registration in the acceleration programme, they also had to provide the following proof documents:

- The copy of ID-card or Passport of legal representative(s) of the SME;
- The copy of the original Extract of SME registration;
- The Proof of VAT registration.

For the startups who registered as SMEs after the Open Call results for the needs of the projects, we accepted a proof document of their registration request, given the complications of administrative processes in the COVID-19 context, in accordance with our EC Project Officer, provided that they will deliver the definitive proof document within the first phase of the programme.

6.2 Contracting process

The project coordinator POLE SCS oversaw the contracting process. The contract templates were sent to the 25 winners on 27 May 2020. The applicants were asked to send back the electronic versions along with the required proof documents within nine days, by 5 June 2020 – the Kickoff of the acceleration being scheduled on 10 June 2020.

POLE SCS received 60 % of the signed contracts at the fixed deadline, and there were some late changes in the final winners list (see below), but all contracts were received before that the STARTUP3 consortium started to deliver the acceleration services on 15 June 2020, except for the last waiting-list startup to onboard, HARUSPEX (see below).

The contracting process ended on 18 June 2020 with the registration of HARUSPEX, and the official announcement of the 25 STARTUP3 Open Call winners was disseminated on 19 June 2020.

6.3 Final list of Open Call winners

Several changes have been recorded all along the contracting phase. PENTA TECHNOLOGY declined their participation during the preliminary validation performed by the STARTUP3 evaluation team, on 26 May 2020. The first candidate on the waiting list, PYCNO TECHNOLOGIES SL, immediately validated their participation. The startup VALWT withdrew late in the contracting phase, due to a change of their internal priorities, on 9 June 2020. The second candidate on the waiting list, FOODGROOT.COM, did not send back their contracts in due time, so HARUSPEX – third startup on the waiting list – integrated the programme on 17 June 2020. Two extra startup participants were exceptionally

⁴ Cf. D3.1 Annex 4 STARTUP3 Open Call Beneficiary Agreement

⁵ Cf. D3.1 Annex 3 Declaration of Honour

supposed to enter the Phase 1 of the STARTUP3 acceleration programme, on request of the EC. In the frame of two hackathons supported and organised by the EC and Startup Europe, namely *The Global Hack* and *EUvsVIRUS*, we offered to the winning teams – of the challenges that the project consortium selected in accordance with STARTUP3 deep tech scope – a fast track access to the acceleration programme, allowing them to directly enter the Phase 1 of the programme as 26th and 27th candidate. The selected teams declined the offer being engaged on other projects. The final Open Call winners list is the following:

FINAL RANK	IDEA ID	NAME	COUNTRY
1	173	Laava Tech	Poland
2	188	Latitudo40	Italy
3	280	Alda robotics doo Beograd	Serbia
4	241	Oscillum Biotechnology	Spain
5	312	Sensoria Analytics	France
6	327	CENTILOC	France
7	288	RTsafe	Greece
8	216	Detektia Earth Surface Monitoring S.L.	Spain
9	291	Revalue It	Cyprus
10	343	MyDataModels	France
11	335	OPT/NET B.V.	Netherlands
12	114	Ingredio/DENTICA LTD	Greece
13	281	Alessandro Saetta	Italy
14	148	BeOn IoT	France
15	223	NeoSound Intelligence B.V.	Netherlands
16	253	NSoilab doo Novi Sad	Serbia
17	340	Fauna Smart Technologies	Denmark
18	185	Quanta & Qualia	Greece
19	323	Ebre Drone	Spain
20	205	Termodron d.o.o.	Slovenia
21	289	MOBILLY	Latvia
22	348	EOanalytics Ltd.	Ireland
23	279	BotX	Czechia
24	105	Pycno Technologies SL	Spain
25	206	Haruspex	Italy

Table 16 – Final list of OC Winners

ANNEX 1 – Evaluation log

This annex is confidential and available for the EC on request to the STARTUP3 Consortium.