



**“NOVEL INTEGRATED SOLUTION OF OPERATING A FLEET OF DRONES WITH MULTIPLE SYNCHRONIZED MISSIONS FOR DISASTER RESPONSES”**

**RESPONDRONE**

**D15.1 “Protocol Kick-off meeting”**



**“NOVEL INTEGRATED SOLUTION OF OPERATING A FLEET OF  
DRONES WITH MULTIPLE SYNCHRONIZED MISSIONS FOR  
DISASTER RESPONSES”**

**RESPONDRONE**

**MoM “Kick Off Meeting – Days 1-3”**

## Minutes of Meeting

## Document Summary Information

<b>Grant Agreement No</b>	833717	<b>Acronym</b>	RESPONDRONE
<b>Full Title</b>	NOVEL INTEGRATED SOLUTION OF OPERATING A FLEET OF DRONES WITH MULTIPLE SYNCHRONIZED MISSIONS FOR DISASTER RESPONSES		
<b>Start Date</b>	01/05/2019	<b>Duration</b>	36 months
<b>Project URL</b>	<a href="https://respondroneproject.com/">https://respondroneproject.com/</a>		
<b>Meeting</b>	Kick Off Meeting, Madrid	<b>Meeting Type</b>	Face-to-Face
<b>Work Package(s)</b>	WP15		
<b>Date of Meeting</b>	21 – 23/05/2019 (M1)	<b>Submission date</b>	M1
<b>Nature</b>	Report	<b>Dissemination Level</b>	PU
<b>Lead Beneficiary</b>	DLR		
<b>Responsible Author</b>	Max Friedrich		
<b>Contributions from</b>			
<b>Participants</b>			

### Revision history (including peer reviewing & quality control)

Version	Issue Date	Stage	Changes	Contributor(s)	Comments
V1	28/05/2019	Draft		Menelaos Chatziapostolidis	
V2	29/05/2019	Draft		Simon van Dam	
V3	29/05/2019	Draft		Max Friedrich	
V4	29/05/2019	Draft		Michael Borkowski	

## Minutes of Meeting

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### Glossary of terms and abbreviations used

Abbreviation / Term	Description
PO	Project Officer
AI	Action Item
M	Month
WP	Working Package
DoA	Description of Action
MoM	Minutes of Meeting
KoM	Kick off Meeting

## **Minutes of Meeting**

### **1. Introduction**

The RESPONDRONE project held its kick-off meeting in Madrid May 20-22, 2019. ALPHA, the leading project partner in Spain, hosted representatives from the consortium's 19 partner organizations including research institutes, universities, policy makers and SMEs from 12 EU and non-EU countries across the Mediterranean. All participants became acquainted with each other and assured strong support and close collaboration during project implementation. The governance structure was officially established and processes were confirmed by the consortium. The agenda detailing the sessions is an annex to this deliverable and the summary of meetings is shared with all partners.

## Minutes of Meeting

### 2. Minutes of Meeting

Agenda item & minutes	Person responsible
<b><u>Day 1, 20.05.2019:</u></b>	
<b>End-User Parallel Workshop I:</b> End-User group will <ul style="list-style-type: none"> <li>❖ support mainstreaming RESPONDRONE activities and outcomes into existing First- Response organization processes</li> <li>❖ examine how Drones interact with other mobile equipment</li> <li>❖ seek to integrate RESPONDRONE into decision making by linking Operational levels with Types of Disasters</li> </ul>	Satenik Mnatsakanyan, Alen Amirkhanian (AUA) & Christian Sommade (HCFDC)
<b>Activity 1:</b> Introduction of the Project and of each partner	
<b>Activity 2:</b> Presentation <ul style="list-style-type: none"> <li>- Main objective is to serve first responders</li> <li>- Classification and prioritization is important</li> <li>- Concentration not so much on hazard type but on affected area</li> <li>- Transmission of information to first responders is key to success</li> <li>- Introduction of a disaster simulator. Question: Can the simulator be accessed online?</li> </ul>	Simon van Dam (Agora) & Eric Freeman (Alpha)  Christian Sommade (HCFDC)
<b>Activity 3:</b> Presentation on objectives of RESPONDRONE The project will use experience from previous projects and inputs from first responders in the consortium to know the full list of first responder needs. The main project objective is to improve the effectiveness and efficiency of first responders using a variety of technologies. Building of the RESPONDRONE Platform will be guided by the needs of the first responders.	Robert Geister and Max Friedrich (DLR)
❖ Quick overview of all WPs	
<b>Activity 4:</b> Presentation on project impact General remarks:	Nir Tel Oren (IAI)
❖ Design demo in a way that will facilitate government participation ❖ Make sure that project results will be used	
Main expectations: <ul style="list-style-type: none"> <li>- Ability to provide robust communication is key</li> <li>- High involvement of first responders</li> <li>- Benefit from new innovation concepts and technologies</li> </ul>	EC Project Officer: Mr. Antonio Fernandez–Ranada-Shaw
<b>Activity 5:</b> Presentation of PO <ul style="list-style-type: none"> <li>- Periodic reviews in M21 &amp; M36 for technical and financial reports</li> <li>- Technical review in M10</li> <li>- After M12 we may be invited to present activities, results etc.</li> <li>- Link with CURSOR set to start in Fall 2019 and eventually other similar projects, preferably funded by HORIZON 2020</li> <li>- Prepare for audit! Can occur up to 5 years after project completion</li> <li>- Very important to fill in regularly timesheets, store them safely and have them accessible for at least 5 years after project end (same applies for all supporting material)</li> </ul>	Liesa Boghaert (time.lex)
<b>Activity 6:</b> Presentation on dual use <ul style="list-style-type: none"> <li>- Everything that can be used for military purposes is considered dual use, even documents and knowledge!!</li> <li>- Every party is responsible for their own dual use issues (see CA)</li> <li>- Guidelines from EU available</li> <li>- Definition of what a UAV is, is defined by its range</li> </ul>	Bracha Behrmann (Agora)

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## Minutes of Meeting

Agenda item & minutes	Person responsible
<ul style="list-style-type: none"> <li>- Merge Questionnaires to avoid going over and over again to end-users. A draft version will be developed by Christian Sommade (HCFDC) and it will be circulated by end May-beginning June</li> </ul> <p><b>End-User Parallel Workshop II</b></p> <ul style="list-style-type: none"> <li>• Presentation of organisations (Armenia, Latvia, Corsica, Bulgaria, France, Greece, Holland). Each partner explained how the emergency system is designed and coordinated.</li> <li>• Engage stakeholders both “on the ground”/ operational and policy makers</li> <li>• Basic elements of the scenarios will comprise (a) type (b) scale and (c) speed of disaster</li> <li>• Particular effort will be made to include cross border / trans-European dimension</li> <li>• Detection of human bodies, i.e. recognizing whether they are dead or alive drew particular interest</li> <li>• Will use conclusions of other projects</li> <li>• Eventually a template listing regulatory restrictions according to the type of drones may be elaborated</li> </ul> <p><b>Technical Workshop – Day 2</b></p> <p><b>Activity 1: Presentation WP3</b></p> <ul style="list-style-type: none"> <li>- Objective: develop web-based First Responders Management System</li> <li>- Introduction of each task</li> <li>- Introduction of partners involved</li> <li>- An updated high-level architecture was presented that clarifies the division of labour between DLR, IAI, ALPHA and Thales. This architecture should be included in the DoA through an amendment (when possible) and in any case it is deemed to be part of the DoA (see annex).</li> </ul> <p><b>Activity 2: Presentation WP4</b></p> <ul style="list-style-type: none"> <li>- Flight plan is updated every 1 sec</li> <li>- Payload can be controlled directly</li> <li>- UAV will be controlled via DLR ATM syst.</li> <li>- 4 mission types identified -&gt; surveillance, coms, dropping of care package, loudspeakers</li> </ul> <p><b>Activity 3: Presentation WP5</b></p> <ul style="list-style-type: none"> <li>- Objective: provide/ control of camera/ gimbal</li> <li>- Developed algorithms to identify POI (fire, flood, people)</li> <li>- Do we do mission at night? What is the regulation?</li> <li>- What cameras do we need at night e.g. for floods</li> <li>- Is tracking a REQ from First Responders</li> <li>- Alpha use IP-based radio/ data link for payload</li> </ul> <p><b>Activity 4: Presentation WP6</b></p> <ul style="list-style-type: none"> <li>- Collect information from drones + analysis</li> </ul> <p><b>Activity 5: Presentation WP7</b></p> <ul style="list-style-type: none"> <li>- Testing/ Integration of subsystems into RESPONDRONE platform</li> <li>- Integration Test/session in 2 years from now – in Spain</li> <li>- Specify technical and functional design of the system</li> <li>- Architecture/ functional design meeting (Early July – Tel Aviv)</li> </ul>	<p>Iris Schwartz-Dallal (IAI)</p> <p>Alvaro Escarpenter (Alpha)</p> <p>Stéphanie Molin (Thales)</p> <p>Nizar Touleimat (CEA)</p> <p>Richard van Oorschot (Alpha)</p>
<p><b>Day 3, 22.05.2019:</b></p> <p><b>Activity 1: Administrative</b></p>	<p>Robert Geister (DLR)</p>

## Minutes of Meeting

Agenda item & minutes	Person responsible
<ul style="list-style-type: none"> <li>- Liability of non-EU partners is limited to their budget instead the EU contribution as the CA currently states. All partners agreed that this clause will be added to the Consortium Agreement (CA) which all Partners will be required to sign (21 times) again. The Coordinator will propose an updated text.</li> <li>- Coordinator will create updated global mailing list as well a mailing lists per WP (AI 11)</li> </ul>	Jos Dumortier (Time.lex)
<p><b>Activity 2: Presentation WP8</b></p> <ul style="list-style-type: none"> <li>- Distinction between ethics and law</li> <li>- Introduction of legal framework, current and soon-upcoming regulation of open and specific operations (expected to be implemented in 2020). New legislation will be more flexible, take into account variety of drones, will set up a full-fledged air traffic system.</li> <li>- Certified operations are expected to be regulated until 2025</li> <li>- Introduction of each task and of partners involved</li> </ul>	Alen Amirkhanian (AUA)
<p><b>Activity 3: Presentation WP9</b></p> <p>The aim is the look at everything we do and see that is complies with rules and regulations. The idea is not to create new processes but to integrate and embed what has been done.</p> <ul style="list-style-type: none"> <li>- Description of tasks and involved partners</li> <li>- Will start creating panels earlier than scheduled in order to meet the deadlines (AI) Moshe Sabato (IAI) said the design and other components should also be done earlier.</li> <li>- Redo the timing of WP9 (AI 13)</li> </ul>	Christian Sommade (HCFDC)
<p><b>Activity 4: Presentation WP10</b></p> <p>A realistic training environment will be created. The focus is on end users integration. There is a need to know and understand what is developed by the partners so it can be explained properly to end users. Christian demonstrated a fire simulation and said it can be used by up to 10 users and can include planes and drones and can be adapted to the needs of ResponDrone. Participants showed great interest and asked for additional additions that they would like to integrate into the simulation.</p> <ul style="list-style-type: none"> <li>- Presentation of toolset for training of first responders</li> <li>- Discussion about possibility of integration of various aspects from/to RESPONDRONE</li> <li>- ALPHA will be added / integrated into virtual exercise set to take place in Greece-Region of Western Macedonia (AI 10)</li> </ul>	Christian Sommade (HCFDC)
<p><b>Activity 5: Presentation WP11</b></p> <p>There will be a large-scale demo to prove the system's capabilities in reality. One event will take place in Greece and will include an earthquake scenario simulation. A second one will take place in Corsica in the Calvi area and will focus on forest fire and flood. Participants spoke about the need to adjust the scenarios so they will match the requirements of the project enabling ResponDrone to present all the different applications.</p> <ul style="list-style-type: none"> <li>- Discussion about timing of demonstration on Corsica or in Greece: May is the safest month with regards to real-life (little risk of fire, flood etc. taking away resources needed for demo)</li> <li>- However, May (2021) is also very early, little time for development</li> <li>- Current decision: Original plan for October 2021 is kept.</li> </ul>	Christian Sommade (HCFDC)
<p>For the Corsica demonstration the renting of Strategic Drones was proposed by HCFDC &amp; SDIS, yet there is a real issue linked to their extended range (they fly over 2,5 km) which means that they need authorisations a.s.a.p.</p> <p><b>Activity 6: Presentation WP12</b></p>	Nir Tel Oren (IAI)

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## Minutes of Meeting

### 3. List of Action Items

#	Description	Resp. person	Due date
1	<i>Template for informed consent for end user questionnaires</i>	Robert Geister	ASAP
2	<i>Dual use conference call with Lisa (Time.lex), Max/DLR and WP lead partner for each technical WP</i>	Menelaos Khatziapostolidis / Simon van Dam	June 2019
3	<i>Add KAT to 1.6</i>	Robert Geister / Simon van Dam	June 2019
4	<i>Questionnaire for Stakeholders sent out</i>	Satenik Mnatsakanyan	June 2019
5	<i>Interviews with Stakeholders</i>	Satenik Mnatsakanyan	Start in June- End in September 2019
6	<i>Complete Stakeholder Mapping</i>	Satenik Mnatsakanyan	September 2019
7	<i>Estblishment of 1<sup>st</sup> Responders Panel</i>	Alen Amirkhanian	September 2019
8	<i>RESPONDRONE presentation slides</i>	Dan Gerstenfeld	June 2019
9	<i>Create and activate Innovation Board</i>	Nir Tel Oren	June 2019
10	<i>Add ALPHA into Virtual Exercise</i>	Christian Sommade	June 2019
11	<i>Create updated global mailing list a a mailing lists per WP</i>	Robert Geister/ Max Friedrich	June 2019
12	<i>Set up a CC between WP Leaders and Time Lex</i>	Liesa Boghaert / Menelaos Khatziapostolidis	May/June 2019
13	<i>Revise timing of tasks in WP9</i>	Alen Amirkhanian	June 2019
14	<i>Short Roadmap (about half a page) with basic steps to be taken in each WP until next GA end November / beginning December 2019</i>	Satenik Mnatsakanyan (WP9 & WP15) Max Friedrich (WP2) Iris Shwartz-Dallal (WP3) Richard van Oorschot (WP4 & WP7) Stéphanie Molin (WP5) Jean-Philippe Poli (WP6) Jos Dumortier (WP8) Christian Sommade (WP10 & WP11) Nir Tel Oren (WP12) Dan Gerstenfeld (WP 13) Simon van Dam (WP 14)	10 June 2019

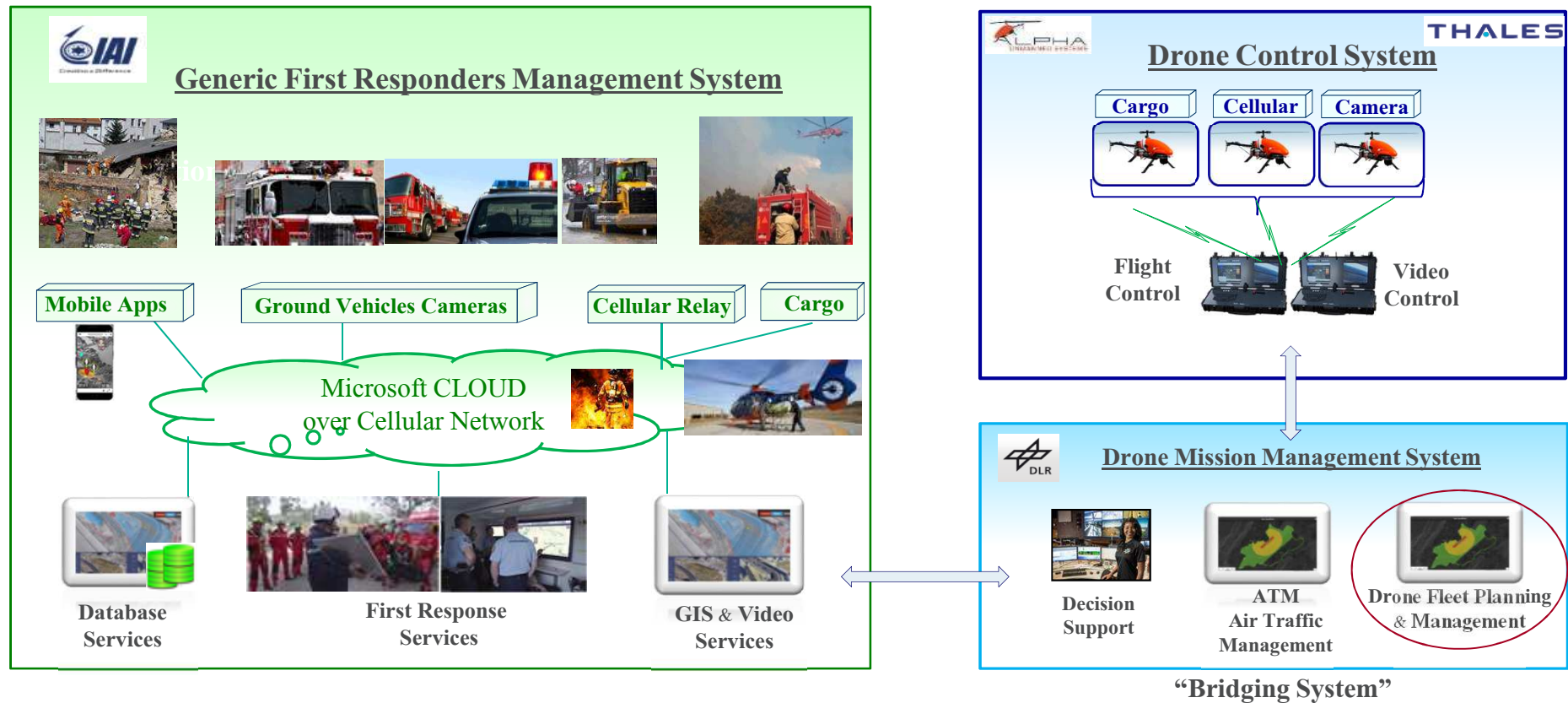
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#	Description	Resp. person	Due date
15	<i>Organize meetings between WPs</i>	Menelaos Khatziapostolidis / Max Friedrich	Ongoing, starting June 2019
16	<i>Set exact date(end November/beginning December) and place of General Assembly</i>	Robert Geister / Simon van Dam	July 2019
17	<i>Provide templates for informal internal Report</i>	Simon van Dam	November 2019
18	<i>End users should recommend if visit to their site is important due to special circumstances.</i>	(1)Armine Hayrapetyan - MES, (2)Robert van den Ende - VRH, (3)Kallitsa Pantazi RCM, (4)Vangelis Katsaros - RWM, (5)Pierre-Louis Montet SIS2B, (6)Mariyana Ivanova - RAV, (7)Rudolfs Azens - SFRS	June 2019
19	<i>Robert will send informed consent forms which must accompany the questionnaires</i>	Robert Geister	10 June 2019
20	<i>Satenik will initiate a joint workshop with technical people to clarify the system requirements.</i>	Satenik Mnatsakanyan	June 2019

## 4. Annexes

- Figure 1: The RESPONDRONE project System of Systems
- RESPONDRONE Kick-off Meeting Agenda
- RESPONDRONE Kick-off Meeting Participant List

# The Respondrone Project System of Systems



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**RESPONDRONE Kick-off Meeting****Date: May 20 - 22, 2019****Venue: Ayre Gran Hotel Colón****Madrid, Spain****Agenda May 20, 2019**

Timing	Topic	Presenter	Comments
09:00 – 11:30	Introduction session: Workshop for end-users	Satenik Mnatsakanyan (AUA)	Setting the scene
09:00 – 11:30	Introduction session: Workshop on platform architecture	Moshe Sabbato (IAI)	Setting the scene
11:30 - 12:00	Registration		
12:00 - 12:05	Welcome & logistics	Eric & Richard	
12:05 - 13:00	Introduction each partners	All Partners	Max 3 minutes each per partner – <i>No slides</i> : background, contribution to the project, ( <i>focus tasks in first 6 months</i> )
13:00 - 14:00	Lunch		
14:00 - 14:30	Current operational challenges for First Responders	Christian Sommade (HCFDC)	Providing background
14:30 - 15:00	RESPONDRONE Overview, objectives and tasks	Robert/Max (DLR)	What do we going to do during the project?
15:00 - 15:30	RESPONDRONE Expected Impact & Ambition	Nir (IAI)	What do we expect to achieve at the end of the project?
15:30 – 16:00	Project Expectations from the EU	Mr. Antonio Fernandez– Ranada-Shaw (EU Project Officer)	What is the EU expecting from this project?
16:00 - 16:30	Coffee break		
16:30 – 17:00	Administration & Reporting	Simon & Bracha (Agora)	
17:00 – 17:15	Dual Use	Jos Dumortier (time.lex)	Providing background
17:15 – 17:30	Wrap Up Day One	Menelaos, Bracha & Simon	
21:00 - 23:00	Dinner Hosted by Alpha		



**RESPONDRONE Kick-off Meeting****Date: May 20 - 22, 2019****Venue: Ayre Gran Hotel Colón****Madrid, Spain****Agenda May 21, 2019**

Timing	Topic	Presenter	Comments
09:00 – 13:00	<u>Operational planning for project implementation</u>  The Project includes 5 blocks: Preparatory actions (WP1 – WP2), System Integration and Validation (WP3 – WP7), Improving Operational Performance (WP8 – WP9); Large Scale Demonstrations (WP10 – 11) and Impact generation (WP12 – 13). Block and WP leaders will present short and operative descriptions of planned activities. They will request information, allocate responsibilities for each task and review budget allocation and travel plans/ meetings for M1-6. <i>Goal: obtain a clear set of plans and define expectations of each involved partner.</i>  In parallel to the presentations of Block 2: System Integration and Validation (10:00 – 13:00), which will be very technical, there will be workshop for end-users in a separate room. Representatives of the Project Management and possibly of industry partners will be encouraged to participate as well.		
	<b>Block 1: Preparatory actions</b>		
09:00 – 09:30	WP15 Studies of Disaster Response Operations	Satenik Mnatsakanyan (AUA)	Objectives, Outputs & Process
09:30 - 10:00	WP2 Risk Assessment & Management	Max Friedrich (DLR)	Objectives, Outputs & Process
<b>Block 2: System Integration and Validation</b>			
10:00 - 10:30	WP3 Multi Mission Planning & Operation	Iris Dallal Schwartz (IAI)	Objectives, Outputs & Process
10:30 - 11:00	WP4 Multi-drone Operation Optimization	Alvaro Escarpenter (Alpha)	Objectives, Outputs & Process
10:00 - 11:00	Parallel session: Workshop for end-users	Satenik Mnatsakanyan (AUA)	Setting the scene
11:00 – 11:30	Coffee break		
11:30 – 12:00	WP5 Video Analytics	Cedric Le Barz (Thales)	Objectives, Outputs & Process
12:00 - 12:30	WP6 Integrated Data Processing for Risk-Based Decision Support	Nizar Touleimat (CEA)	Objectives, Outputs & Process
12:30 – 13:00	WP7 General Architecture, Integration, Validation and Testing	Richard van Oorschot (Alpha)	Objectives, Outputs & Process
11:30 - 13:00	Parallel session: Workshop for end-users	Satenik Mnatsakanyan (AUA)	Setting the scene
13:00 - 13:15	Wrap Up Day Two	Menelaos, Bracha & Simon	Focus on identifying challenges for the first 6 months
13:15 - 14:15	Lunch		
14:15 – 17:00	Shared travel to airfield, demos and technical introduction to Alpha 800. Shared travel back	Richard van Oorschot (Alpha)	
20:00 - 22:00	Dinner and team building activity after dinner		



**RESPONDRONE Kick-off Meeting****Date: May 20 - 22, 2019****Venue: Ayre Gran Hotel Colón****Madrid, Spain****Agenda May 22, 2019**

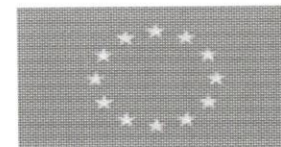
Timing	Topic	Presenter	Comments
09:00 – 15:00	<u>Operational planning for project implementation</u>		
	Block and WP leaders will present short and operative descriptions of planned activities. They will request information, allocate responsibilities for each task and review budget allocation and travel plans/ meetings for M1-6. <i>Goal: obtain a clear set of plans and define expectations of each involved partner.</i>		
Block 3: Improving Operational Performance			
09:00 – 09:30	WP8 Ethical & Legal Issues	Jos Dumortier (Time.lex)	Objectives, Outputs & Process
09:30 - 10:00	WP9 Integrating RESPONDRONE into First Responders' Operations	Alen Amirkhanian (AUA)	Objectives, Outputs & Process
Block 4: Large Scale Demonstrations			
10:00 - 10:30	WP10 Large Training Programs	Christian Sommade (HCFDC)	Objectives, Outputs & Process
10:30 - 11:00	WP11 Large Scale Demonstrations	Christian Sommade (HCFDC)	Objectives, Outputs & Process
11:00 – 11:30	Coffee break		
Block 5: Impact Generation			
11:30 – 12:00	WP12 Innovation Management & Business Planning	Nir Tel-Oren (IAI)	Objectives, Outputs & Process
12:00 - 12:30	WP13 Dissemination, Visibility & Communication	Dan Gerstenfeld (Agora/InterTEAM)	Objectives, Outputs & Process
12:30 - 12:45	Expected Impact & Ambition RESPONDRONE Revisited	Max, Nir & Simon	What do we expect to achieve at the end of the project after 3 days of Kick-off Meeting?
12:45 – 13:15	Wrap Up & Integration of all 4 blocks	Moshe & Richard	Identification of main challenges in the first 6 months
13:15 - 14:15	Lunch		The Consortium will be divided into small groups
14:15 - 15:30	Parallel Session 1: Detailed Planning M1 – 6		Focus on End-users
14:15 - 15:30	Parallel Session 1: Detailed Planning M1 – 6		Focus on System Integration
14:15 - 15:30	Parallel Session 1: Detailed Planning M1 – 6		Focus on Impact Generation
15:30 - 16:00	Coffee break		
16:00 - 17:00	Finalized Detailed Planning M1 – 6	Moderated by Menelaos	Results presentation from parallel sessions
17:00 - 17:30	Summary & Scheduling next meetings, telecos	Menelaos, Simon	Feedback from the four parallel sessions/ Action Items

***Wishing us all a successful and enjoyable Kickoff for RESPONDRONE!***

*"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 833717"*

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Kick-off Meeting  
May 20 - 22, 2019  
Ayre Gran Hotel Colón  
Madrid, Spain

**List of Participants**

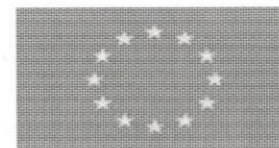
#	Full Name	Organisation	Monday, 20 May SIGNATURE	Tuesday, 21 May SIGNATURE	Wednesday, 22 May SIGNATURE
1	Antonio Fernandez-Ranada	REA			
2	Menelaos Chrysogiorgos Lidy	AGORA			
3	Liesje Bogaert	TIMELEX			
4	MONTET Pierre-Louis	SIS 2B			
5	Patrizia Berry	HCFOC			
6	Maïen Selh	HCFOC			
7	Christine Sommeard	HCFOC			

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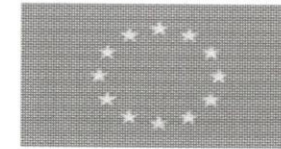


#	Full Name	Organisation	Monday, 20 May SIGNATURE	Tuesday, 21 May SIGNATURE	Wednesday, 22 May SIGNATURE
8	Augustin Fork	HCFDC			
9	Jean-Philippe POLI	CEA			
10	Stéphanie MOLIN	Thales			
11	Nizar TOULEIMAT	CEA			
12	François ARENS	SFRS			
13	Vandora Litam	SFRS			
14	Jatou Litam	SFRS			



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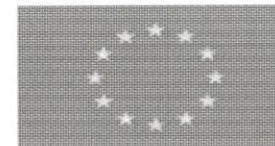
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Madrid, Spain



#	Full Name	Organisation	Monday, 20 May	Tuesday, 21 May	Wednesday, 22 May
15	Sirach Kaeabjorn	AUH	SIGNATURE	SIGNATURE	SIGNATURE
16	SATENIK MNATSAKANYAN	AUA			
17	ALAN AMIRKHANIAN	AVA			
18	Boaz Babai	Intertec			
19	Dan Gerstenfeld	Intertec			
20	Simon van Dam	AGORA			
21	Robert van den Ende	VRH			
22	Xilke Martins Barts	INESC TEC			
23	Eduardo Almeida	INESC TEC			

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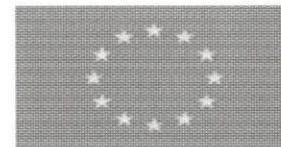


#	Full Name	Organisation	Monday, 20 May SIGNATURE	Tuesday, 21 May SIGNATURE	Wednesday, 22 May SIGNATURE
24	Chang-Kyung Ryoo	Inha Univ.			
25	Hyunmin Cho	KAT			
26	Shuki Rynski	KAT			
27	Armine Hayrapetyan	MES			
28	Artak Nakapetyan	MES			
29	Aztavazd Davtyan	MES			
30	Kallita Pantazi	RCM			
31	Nikopoulou Anthoula	RCM Greece			



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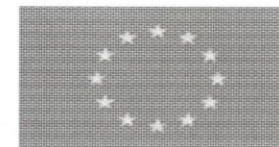
#	Full Name	Organisation	Monday, 20 May SIGNATURE	Tuesday, 21 May SIGNATURE	Wednesday, 22 May SIGNATURE
32	RICHARD VAN OORSCHOT	ALPHA			
33	MICHAEL BORKOWSKI	DLR			
34	Max Friedrich	DLR			
35	Jonas Lieb	DLR			
36	Robert Geister	DLR			
37	Jon Jumaier	Timelex			
38	Moshe Sabato	IAI			
39	It's Dallel Shwartz	IAI			

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**H2020 Project: RESPONDRONE**<https://respondroneproject.com/>

Kick-off Meeting  
May 20 - 22, 2019  
Ayre Gran Hotel Colón  
Madrid, Spain



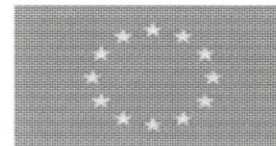
#	Full Name	Organisation	Monday, 20 May SIGNATURE	Tuesday, 21 May SIGNATURE	Wednesday, 22 May SIGNATURE
40	NIR TEL OREN	IAI			
41	Alvaro Escapenter	Alpha			
42	MAPAANA IVANOVA	RAV			
43	<del>FOLT Jean-Philippe</del>	<del>CEA</del>			
44	Daniela Stoycheva	RAV			
45	Silviya Stoilova	RAV			
46	Eric Freeman	Alpha Unmanned Systems			
47	Vesselin Ivanov	RAV			

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#	Full Name	Organisation	Monday, 20 May	Tuesday, 21 May	Wednesday, 22 May
			SIGNATURE	SIGNATURE	SIGNATURE
48	Bracha Ehrman	Agora			