

Deliverable 6.8

Conference on the Project Methodology & Results

Author: Steven Cleeren



Project co-funded by the European Commission within the Seventh Framework Programme

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Project Acronym	Smart@Fire
Project Title	Integrated ICT Solutions for Smart Personal Protective Equipment for Fire Fighters and First Responders
Type of funding scheme	FP7-ICT Combination of Collaborative Project and Coordination and Support Action
Project website	www.smartatfire.eu
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Author	Steven Cleeren
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Contributors	Sharanda De Jong (IFV), Gilles Rossou (Addestino)
Reviewer	/

0. Introduction

On the 14th and 15th of December 2016, a large-scale public conference was organized at Huis President Park Hotel in Brussels, Belgium. In terms of the project's communication efforts towards a large audience, the final conference marked the 'public' end of Smart@fire. Over two days, the conference presented the project's progress and results, the PPE prototypes that were developed, as well as an opportunity for focused discussion of the PCP approach.

The conference aimed to reach a large audience consisting of professionals interested in personal protective equipment; public procurement of innovation; pre-commercial procurement; smart textiles and wearables; EU policy instruments on innovation (procurement); and any other related domains.

Over 100 people from 16 different countries attended the conference and contributed to the ongoing European dialogue on Pre-Commercial Procurement. We were glad to welcome public procurers from all over Europe, as well as companies from the PPE industrial value chain, researchers, and policy makers. They were given an opportunity to extend their network, to learn from the presentations, and to enjoy the lively discussions. The project's organizing partners considered the event a success.

Attendance was free of charge, but participants were asked to register beforehand. Refreshments, lunch and dinner were also offered free of charge. Guests were also able to benefit from a special rate for accommodation that Smart@fire had negotiated with the hotel.

The practical organization was mainly in the hands of IFV, who had the necessary experience with organizing similar conferences (Enprotex) in the past. VLAIO and Addestino contributed to the overall set-up, scheduling and communication of the event. A special meeting in Antwerp, Belgium was arranged between VLAIO, Addestino and IFV, for the sole purpose of planning the final conference. Euratex provided crucial logistical support, and all of the project partners helped to promote the event, to ensure the widest possible attendance from relevant experts from across the EU.

To ensure the largest possible outreach, the conference was organized in cooperation with Enprotex, the European Network of Public Procurers in the field of Protective Textiles.

We again would like to express our gratitude to everyone who participated in the final conference.

Below is a summary of the presentations and discussions. The slides were made available for download on the Smart@fire website at <http://www.smartatfire.eu/upcoming-events.aspx>

1. Summary Final Conference Programme

DAY 1 – AFTERNOON SESSION – Wednesday 14 December 2016

13.00 – 14.00: Coffee and registration

14.00 – 14.15: Official opening

By Bernard De Potter, Administrator-General Flanders Innovation & Entrepreneurship, Smart@fire Coordinating Partner

Bernard De Potter, Administrator-General of VLAIO, officially opened the conference in the afternoon of 14 December 2016. He welcomed the audience and spoke about why Smart@fire has been so important to VLAIO. For one, the project and the PCP approach underpinning it, are a reflection of the increasing European need to marry innovation with business. PCP effectively bridges the so-called “Valley of Death” between R&D and commercialization. He also applauded the project for looking beyond the obvious and for challenging the status quo. This is important, because neither industry nor government can afford to become complacent.

Thirdly, the Smart@fire project emphasizes the European or “trans-national” dimension of R&D and innovation. Innovation capacity often remains a “domestic” affair, especially for SMEs, but Smart@fire has successfully shown that innovation potential doesn’t stop at national borders. Mr. De Potter also stressed the importance of exploiting the considerable purchasing power of governments. By putting themselves forward as “lead users” and “first buyers”, they are also able to transform themselves and their service delivery, and to provide answers to socially important challenges.

Mr. De Potter was also happy to announce that the Flemish government has recently set aside a budget to implement a new action plan for innovation procurement.

14.15 – 15.00: Introducing the programme of the first day

Looking back at Smart@fire project progress & lessons learned

By Gilles Rossou, Addestino Innovation Management, Smart@fire Project Manager

Gilles Rossou from Addestino then introduced the program of the first day, and looked back at the project’s progress. He reminded us of the situation in 2012, right before the project started. To an audience that perhaps wasn’t fully aware of the work that has been done in Smart@fire, Mr. Rossou outlined the project using its WP breakdown structure and setting it against a timeline.

Mr. Rossou repeated the need for a large-scale needs assessment as a thorough basis for PCP, also because it is in line with a contemporary conception of innovation, that ideally starts from a bottom-up needs analysis and/or co-creative development process, as a matter of aligning market demand and supply. He then explained the importance of the innovation platform that was set up in WP2, in order to check the assumptions in the preliminary state-of-the-art, but also to assess the feasibility and risks associated with the PCP. He then explained the work that had been done in WP3, where the actual PCP process took place, and in WP4, the work package dedicated to the joint final procurement.

Looking back at the project, Mr. Rossou concluded that a lot had changed since 2012, not just in terms of the project’s management, but also in the state of technology and in the understanding of the procurement of innovation.

15.00 – 15.30: Explanation methodology used: PCP

By Stephan Corvers, Director at Corvers

Although Stephan Corvers, Director at Corvers Legal Affairs was scheduled to speak, he was unable to attend and he was replaced by Ms. Songul Mutluer from the same organization. Ms. Mutluer delved into the PCP

methodology from a legal perspective. She introduced the framework, explained the steps of preparing a PCP, as well as the contractual framework, and explained the link between PCP and PPI.

Ms. Mutluer reminded the audience that PCP is clearly separated from any potential subsequent purchases of commercial volumes of the end-product. This was an important reminder, also because it sets the right expectations as to the outcome of Smart@fire. Just as Mr. Rossou before her, Ms. Mutluer stressed the importance of a thorough needs analysis, and she used Smart@fire's method of querying 961 fire brigades as one good way of using the "Voice of the Customer" methodology.

15.30 – 15.45: Coffee break

15.45 – 17.00: Panel discussion on the results of the three completed phases of PCP in Smart@fire

Moderator: Lutz, R&D and Innovation Manager at Euratex

*Participants: Francis Deprez, VLAIO, Member of the S@F Evaluation Committee
Thomas Geerinck, Managing Partner at Addestino Innovation Management
Milan Baxa, Managing Director at Applycon
Markus Valle-Klann, Texport*

After a coffee break, the audience was able to listen and participate in a panel discussion, moderated by Lutz Walter of Euratex. Four guests were invited to the stage: Francis Deprez of VLAIO and member of the Smart@fire Evaluation Committee; Thomas Geerinck, Managing partner at Addestino Innovation Management; Milan Baxa, Managing Director at Applycon; and Markus Valle-Klann, Project Manager at Texport.

Mr. Walter introduced the panel speakers and remarked that he wanted to focus on how the panelists had shaped and experienced the different phases in the project. Starting from the first phase, he wondered how difficult or easy it was to gather the user requirements that really mattered.

Mr. Geerinck, who had taken the lead in the large-scale needs assessment, said that they had assembled a long list of "priority use cases" from end-users from all over Europe, and that he was surprised to find that almost 80% of them were shared by firefighters everywhere. Mr. Deprez concurred, saying that some of the identified needs could have been solved by existing solutions from different TRLs (Technology Readiness Levels). What was lacking, was a better integration of these solutions. For some needs, however, absolutely no solution was available on the market. Mr. Valle-Klann, who has a long experience in this field, was not surprised by the consensus in the prioritization of the use cases, because the same ones can also be found in the relevant literature. For him, the complexity of the project resided in the details. For example, what is the degree of accuracy we demand for indoor location? From the perspective of a technology supplier, these are the more challenging questions. Mr. Deprez agreed, saying that "robustness" of the proposed solutions is still a substantial challenge: some modules used in the prototypes are very close to commercialization, whereas others might need more work in order to achieve 100% reliability.

The moderator then moved the discussion to the actual use of these data gathering systems in day to day operations: how can firefighters make sensible use of the data, and modify their behavior accordingly? Mr. Deprez remarked that during testing in Aix-en-Provence, it soon became clear that too much data can also be a bad thing, for firefighters can be easily overwhelmed. He said that we also needed to take into account that end users will have to go through a learning process.

In any case, all of the panelists agreed that after Smart@fire, we have very concrete promises of where PPE technology might go in the future. They also agreed that modularity of the systems will be a crucial aspect in moving forward. Instead of "all-in-one suits", we need to speak of "modular platforms". The suppliers also see the most commercial potential in an offering of "subsystems", easily integrated into a whole, but not necessarily sold as such. The suppliers consider themselves to be at the beginning of an evolution and are already looking at the next version, that will be make good use all of the insights that were gathered in the development of the prototype.

Mr. Walter then asked the panelists whether they were happy with the management of the project and the time they were afforded in developing their solutions. Was the design challenge ambitious enough, or perhaps overly ambitious? Mr. Valle-Klann regretted that the final testing of the prototype came so late in the project and in the development of the prototype. For him, the interaction with the end-user was very valuable, but needed to have happened sooner, or throughout the project. He considers himself a proponent of "open innovation" and "living labs", meaning collaboration in a continuous feedback loop. At the same time, he

admitted that from a PCP perspective, there is only so much you can do. Mr. Deprez agrees that a more open communication between procurers, suppliers and end-users would have benefited the development process. But on the other hand, some of the functional requirements were clearly situated in the realm of “radical innovation”, and that takes time, time for companies to step back and do their research. Mr. Walter remarked that intensive communication with multiple suppliers at the same time, also demands a lot of resources on the part of the procurer. A solution would be to intensify the communication as you move through the different phases of the PCP (or: through the “innovation funnel”).

At the end of the panel discussion, all of the speakers agreed that there was still some ground to cover. Mr. Baxa of Applycon reminded us that they had only performed R&D work. Some of the biggest challenges remain on the road to commercialization, such as certification. Mr. Valle-Klann from the Texport company agreed, saying that they need to come up with a design that is appealing to a large base of buyers, if only to justify the costs associated with ATEX certification. Synergies need to be exploited, otherwise the “economy of scale” is just not there. He reminded us that these kinds of solutions are not just a matter of “producing something cheaply”, but also of preparing the market. For example, trying to sell a truly innovative solution for operational purposes is not easy; perhaps the right way to do this, is by looking at non-operational uses, such as training exercises. Mr. Baxa concurred, saying that interventions allow little time to deal with all of the incoming data. However, the data could be very useful in analyzing past interventions and preparing for future ones.

Mr. Andreas Lymberis from the audience had a concluding remark: because the project is driven by user needs and because it is bound by contractual obligations with the EC, it goes without saying that Smart@fire didn’t have the freedom to do whatever it wanted. So Smart@fire delivers what it CAN deliver today, which can be different from what was projected 4 years ago. There are limits to the technology that could have been produced within the given time and budget.

Mr. Lymberis also had a question for the panelists: to what extent can the platform that has been developed be transferred to other contexts? Can the prototypes get a broader application? Mr. Deprez answered that a lot has been learned, especially about the integration of different subsystems into a whole that needs to be 100% reliable when used in certain environments. Also in environments where end users shouldn’t be aware of the technology they are equipped with. Mr. Baxa also saw the possibility of applying certain solutions in, for example, the energy sector. The concept of “smart textiles” is not only new to emergency services, but also in industry. Mr. Valle-Klann presented us with an optimistic outlook: this is not the end of development. A lot of new technology is becoming available on a large basis and relatively cheap, technology that could be useful for the Smart@fire prototypes as well. But we have to remember we have to sell a solution, not a technology.

17.00 – 18.00: Presentation and demonstration of the PPE prototypes developed in the project

By Milan Baxa, Managing Director at Applycon and Markus Valle-Klann, Texport

After the panel discussion, the two suppliers were asked to demonstrate their prototypes and the work they have done to develop them. These have been discussed elsewhere. The demonstrations concluded Day 1, after which the audience was offered dinner.

18.00: RECEPTION AND NETWORKING DINNER

DAY 2 – MORNING SESSION – Thursday 15 December 2016

08.30 – 09.00: Coffee and registration for new participants

09.00 – 09.15: Introducing the programme of the second day

By Gilles Rossou, Addestino Innovation Management, Smart@fire Project Manager

The 2nd Day started with two parallel sessions. Nikoletta Nemeth led the Procurement Network Round Table (reported as Deliverable 4.2) in a break-out room, while in the main room the Enprotex network gathered.

09.15 – 11.00: Procurers Network Round table

By Nikoletta Nemeth, Strategic Procurer at the Institute for Safety, the Netherlands

See report on Deliverable 4.2 Minutes of meeting information session for PPE procurers.

Or:

09.15 – 11.00: Meeting Enprotex

Mr. Maurice Kemmeren from IFV led a session about the future of the project, followed by Mr. Chris Addiers, who spoke about the occupational health risks firefighters face. Mr. Eric van Wely from DuPont presented his view on the future of Enprotex from the industry's perspective.

11.00 – 11.30: Coffee break**11.30 – 12.00: Information and promotion of the PCP instrument - Horizon 2020**

By Vasileios Tsanidis Dr.Jur., European Commission

After a coffee break, Mr. Vasileios Tsanidis from the European Commission talked about the opportunities for PCP within the Horizon 2020 framework. Mr. Tsanidis spoke about how public procurement is under-used in the EU, especially when compared with the US. He then gave an overview of upcoming H2020 calls on innovation procurement for 2017. He also introduced the audience to the Eafip initiative and the toolkit it has developed.

12.00 – 12.30: Concluding remarks

By Andreas Lymberis, Smart@fire Project Officer, European Commission

Smart@fire's project officer at the EC, Mr. Andreas Lymberis, concluded the Final Conference. Mr. Lymberis emphasized that the project is a natural evolution of the efforts that have been made by the EC in smart textiles and wearables, starting from FP5 all the way to H2020.

The project partners were glad to hear Mr. Lymberis say that, despite several problems since the start of the project, the group was resilient, responsive and resourceful in finding solutions to all kinds of challenges. This confirmed Smart@fire status as a "pilot project". Mr. Lymberis also saw evidence in the "catalytic" impact of the PCP, in that it kick-started the PPE industry to think about smart systems.

Mr. Lymberis then introduced the European Digital Agenda for the coming years, in which the Internet of Things will be an important focal point. He also reminded us that the EC is still seeking input on its Reflection and Orientation Paper on Smart Wearables. In his view on Digitising the European Industry, Mr. Lymberis spoke about the limitations and challenges, two of which Smart@fire was also confronted with: the absence of standards and test methods; and the development of an appropriate regulatory framework.

12.30 – 13.30: NETWORKING LUNCH

The program ended at noon, at which point the guests were offered lunch.



2. Annexes

- Invitation, Programme and Reservation Form
- Signed list of attendees
- Complete list of registrations

October 2016

Register now!

Dear Sir or Madam,

We are pleased to invite you to the final conference of the Smart@fire project, that will take place on

**Wednesday 14 December and Thursday 15 December 2016, at
Husa President Park Hotel in Brussels, Belgium**

The conference marks the end of the **Smart@fire** project, the European FP7 project that aims to develop a smart Personal Protective System for firefighters.

Every year, more than 100 firefighters lose their lives whilst saving others. To reduce the risks associated with firefighting, innovative ICT solutions need to be developed and integrated in a smart Personal Protective System. However, the ICT solutions that are currently available on the market, are not fully satisfactory. This is why the Smart@fire project went looking for innovative technologies, including:

- Sensors to measure environmental parameters and vital body functions
- Localization systems to determine the firefighter's position
- Data transfer and visualization systems to better assess situations

The project investigated the possibility of developing these technologies using a method of innovative procurement known as pre-commercial procurement (PCP). The PCP methodology uses a three-phased approach in which tenderers compete with each other for assignments in every phase.

The conference will present the results of the **Smart@fire** project, which are especially relevant for professionals interested in:

- Personal protective equipment
- Public procurement of innovation
- Pre-commercial procurement
- Smart textiles and wearables
- EU policy instruments on innovation (procurement)
- Other related domains

The conference is organized and financed by the **Smart@fire** project in cooperation with Enprotex, the European Network of Public Procurers in the field of Protective Textiles.

Attendance is free of charge, but registration is required!

Questions? Please contact smartatfire@ifv.nl

We hope to see you there!

Attachments

- The conference program (Annex 1)
- A registration form for the conference (Annex 2)
- A reservation form for accommodation at the Huis President Park Hotel in Brussels (optional, Annex 3)

Conditions for participation

Attending the conference is free of charge, including refreshments during coffee breaks, a networking dinner on the 14th of December and lunch on the 15th.

Travel expenses and accommodation fees **will not** be reimbursed by the Smart@fire project and must be paid by the participant.

Registering for the conference

You can register for the conference and the dinner and/or lunch by filling out the registration form (Annex 2) and sending it to smartatfire@ifv.nl. You will receive an email to confirm your registration. **The registration must be submitted before the 1st of December.**

Accommodation at Huis President Park Hotel

We invite guests to benefit from a special rate that Smart@fire has negotiated with the hotel that is also the venue for the conference. Please find attached the reservation form (Annex 3). The special rate is valid as long as there are rooms available.

We advise you to make your reservation as soon as possible because of the limited availability of hotel rooms. If hotel rooms are no longer available, you will be notified of this when you receive the confirmation of registration. In that case, you are kindly asked to make your own reservations elsewhere.

If you want to cancel your registration, please let us know before the 1st of December via smartatfire@ifv.nl.

We hope to meet you in Brussels!

Best regards,

The Smart@fire project partners:

- Agentschap Innoveren en Ondernemen (VLAIO, Belgium)
- Addestino (Belgium)
- Federale Overheidsdienst Binnenlandse Zaken (IBZ, Belgium)
- Greater Manchester Fire & Rescue Authority (GMFRS, UK)
- Instituut Fysieke Veiligheid (IFV, the Netherlands)
- Service Départemental d'Incendie et de Secours des Bouches-du-Rhône (SDIS 13, France)
- INNOVA Észak-Alföld Regionális Fejlesztési és Innovációs Ügynökség (Hungary)
- Stadt Dortmund-Feuerwehr (FDDO, Germany)
- European Apparel and Textile Confederation (EURATEX)
- Centexbel (Belgium)
- Universiteit Gent (Ugent, Belgium)

And the members in the board of **Enprotex**

Annex 1 PROGRAM

DAY 1 – AFTERNOON SESSION – Wednesday 14 December 2016

13.00 – 14.00: Coffee and registration

14.00 – 14.15: Official opening

By Bernard De Potter, Administrator-General Flanders Innovation & Entrepreneurship, Smart@fire Coordinating Partner

14.15 – 15.00: Introducing the program of the first day

Looking back at Smart@fire project progress & lessons learned

By Gilles Rossou, Addestino Innovation Management, Smart@fire Project Manager

15.00 – 15.30: Explanation methodology used: PCP

By Stephan Corvers, Director at Corvers

15.30 – 15.45: Coffee break

15.45 – 17.00: Panel discussion on the results of the three completed phases of PCP in Smart@fire

Moderator: To be announced

Participants: Francis Deprez, Flanders Innovation & Entrepreneurship, Member of the Smart@fire Evaluation Committee

Thomas Geerinck, Managing partner at Addestino Innovation Management

Milan Baxa, Managing Director at Applycon

Markus Valle-Klann, Project Manager at Texport

17.00 – 18.00: Presentation and demonstration of the PPE prototypes developed in the project

By Milan Baxa, Managing Director at Applycon and Markus Valle-Klann, Project Manager at Texport

18.00: RECEPTION AND NETWORKING DINNER

DAY 2 – MORNING SESSION – Thursday 15 December 2016

08.30 – 09.00: Coffee and registration for new participants

09.00 – 09.15: Introducing the program of the second day

By Gilles Rossou, Addestino Innovation Management, Smart@fire Project Manager

09.15 – 11.00: Procurers Network Round table (with a maximum of 15 participants)

By Nikoletta Nemeth, Strategic Procurer at the Institute for Safety, the Netherlands

- a. PCP deep dive: the procurers' perspective
- b. Explanation of the final tender template
 - i. Decisions made
 - ii. Options and possibilities
- c. Discussion

Or:

09.15 – 11.00: Meeting Enprotex

*By Maurice Kemmeren, Project Leader Enprotex at the Institute for Safety, the Netherlands,
Chris Addiers, President at the Federation of the European Union Fire Officer Associations and
Eric van Wely, Global Regulatory Affairs & Standards Manager at DuPont*

- a. Future and succession of Enprotex
 - Broader perspective of Personal Protective Equipment (PPE) and Occupational Health
 - Connection of first responders with science and manufacturers
 - Needs and developments PPE will play a central role instead of focus on procurement
 - Platform for European first responders on Occupational health
- b. Contest surrounding a new name for Enprotex (please see annex 2).

11.00 – 11.30: Coffee break

11.30 – 12.00: Information and promotion of the PCP instrument - Horizon 2020

By Vasileios Tsanidis Dr.Jur., European Commission

12.00 – 12.30: Concluding remarks

By Andreas Lymberis, Smart@fire Project Officer, European Commission

12.30 – 13:30: NETWORKING LUNCH

Annex 2 REGISTRATION FORM CONFERENCE

Yes, I will attend the conference on December 14-15, 2016.

Name:

Company/Organization:

Address:

Country:

Email:

Occupation

- ☐ a public procurer in the field of PPE
- ☐ an end-user (fire fighter, police,...)
- ☐ a manufacturer/industry
- ☐ a knowledge centre (university)
- ☐ other:.....

Program

On the second day of the conference from 09:15 until 11:00, you can choose between two programs. You can either choose for participating in the Procurers Network Round Table or participate in a meeting with the Enprotex Association. Please apply for only one program below, by marking the desired box. There is a maximum of 15 attendants for the Procurers Network Round Table. When the maximum of participants is reached you will be put on the waiting list which is ranked on who signed up earlier. A confirmation will be sent to you personally. When you are on the waiting list you will be notified as well. Remaining participants will be automatically forwarded to the Enprotex Association.

- ☐ Procurers Network Round table
Information session on the joint procurement of the smart PPE and workshop on PCP
- ☐ Meeting Enprotex Association
Introduction to the new structure of the Enprotex Association

Contest new name for Enprotex

We would like to make a new start under a new name. If you have any suggestions for a new name, we would like to ask you to contribute in the contest. The winner of the contest will be announced on 15 December and win a free ticket for the next 'Enprotex conference'.

Please fill in the name for the contest here:

Other

I will join networking dinner* on December 14, 2016: Yes / No

I will join networking lunch* on December 15, 2016: Yes / No

*please include special dietary preferences:

- ☐ Vegetarian
- ☐ Gluten-free
- ☐ other:.....

Please scan and send this form to smartatfire@ifv.nl

Annex 3 RESERVATION FORM HOTEL

Last name

First name

Arrival date Departure date

Number of nights Number of rooms

Room typesingle or Double

Room rate

Rate : €125,- single room, breakfast buffet included

€140,- double room, breakfast buffet included

These above rates include VAT and service charge, but are exclusive of taxes. City tax per night of €7,58.

IN ORDER TO CONFIRM AND GUARANTEE YOUR RESERVATION, PLEASE INDICATE YOUR CREDIT CARD DETAILS BELOW

Credit card name

Credit card holder's name

Credit card number

Expiry date

Without any credit card the booking will be cancelled on arrival date at 04.00 pm.

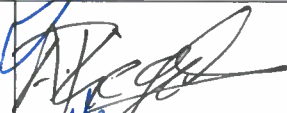
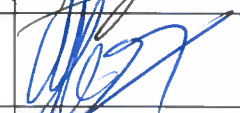
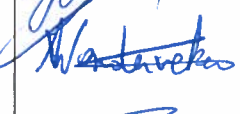
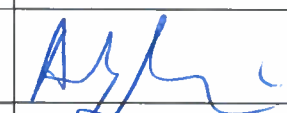
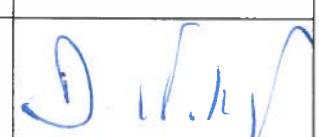
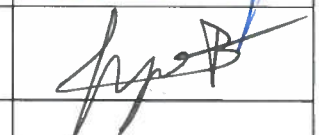
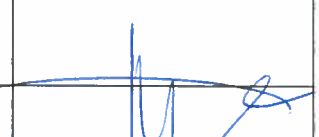
Cancellation after 04.00 pm on the arrival date or no-show will be charged at 100% of the first night on the credit card.

Signature:

.....

Please scan and send this form to smartatfire@ifv.nl

List of participants

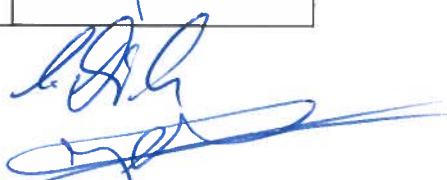
Name	Company	Present
Ales Hamacek	University of West Bohemia	
Alex Riegel	University of Applied Science in Karlsruhe	
Alfons Held	DuPont	
Alizée Vanderveken	Centre for Research on the Epidemiology of Disasters	
Alyssa Bladergroen	IFV/ Enprotex	
Andreas Lymberis	European Commission	
Andy Thurman	Omnisense	
Apostolos Paralikas	European Commission	
Astrid de Neeve	Flanders Innovation & Entrepreneurship	
Axel Bischoff	Dräger Safety AG & Co. KGaA	
Bart Vandenbussche	Brandweervereniging Vlaanderen	
Bernard De Potter	Flanders Innovation & Entrepreneurship	
Bernard Paquet	Centexbel	
Bernhard Boddenberg	Magirus GmbH	
Bertrand Wert	European Commission	
Carla Hertleer	Universiteit Gent	
Chris Addiers	FEU	

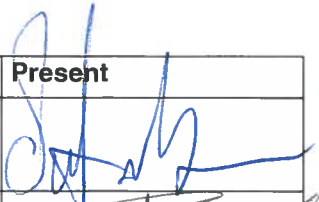
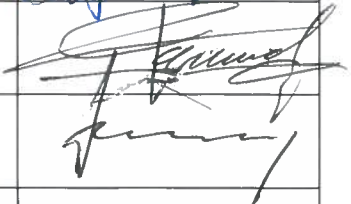
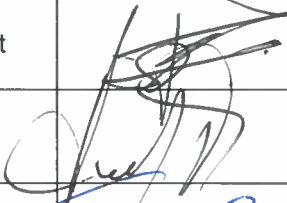
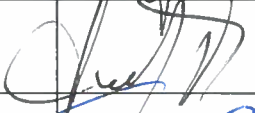
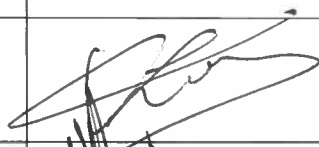
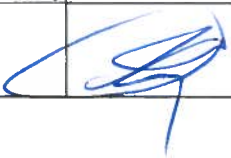
Arno Dick

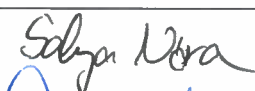
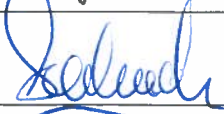
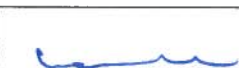
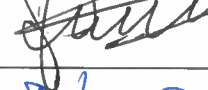
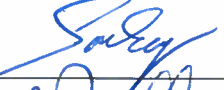
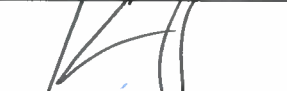
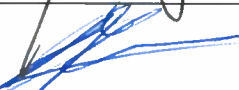
ver.di

Jean-Marie AERTS

KU Leuven



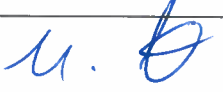
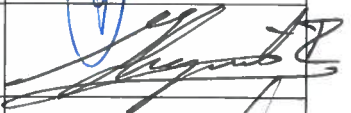
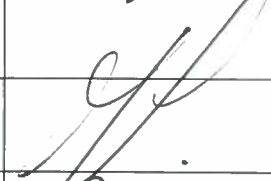
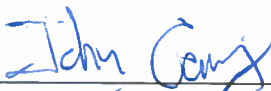
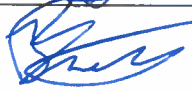
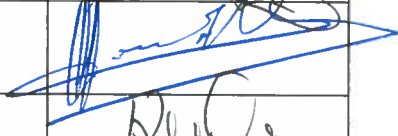
Name	Company	Present
Stefan Magnusson	Kommunal	
Stefan Pauwels	Luciad NV	
Stefan Roemer	Bullard GmbH	
Stephan Corvers	Corvers Procurement Services BV	
Stephane Conings	Brandweer Amsterdam-Amstelland	
Steven Cleeren	VLAIO	
Thomas Geerinck	Addestino Innovation Management	
Thomas Hartinger	Rosenbauer International AG	
Thomas Skjoldborg	FOA - Trade & Labour	
Tomas Chaloupek	ELITRONIC s.r.o.	
Tomas Pekar	Holík International	
Tommy Verminck	Decontext NV	
Ulrike Aistleitner	Rosenbauer International AG	
Uwe Heinemann	Texport	
Vasileios Tsanidis	European Commission	
Veerle Lories	Flemish Government, Department of Economy, Science & Innovation	
Vera de Glas	Sioen NV	
Vincent Dubois	SDIS 13	
Willy van Kampen	Ten Cate Protective Fabrics	

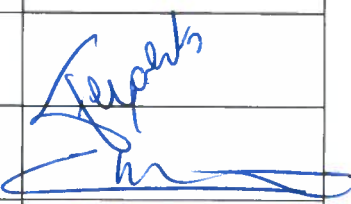
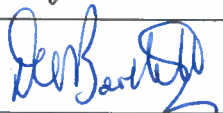
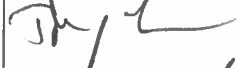
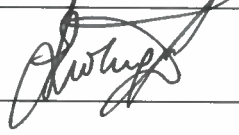
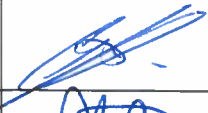
Name	Company	Present
Nora Salya	INNOVA Észak-Alföld	
Otmar Schneider	Texport	
Pascal Verheyne	Enterprise Europe Network Flanders	
Paul Bertens	Hobrand Algebra BV	
Peter Van Den Berghe	Seyntex NV	
Petr Kaspar	University of West Bohemia	
Petr Loukota	Vochoc	
Piet Desiere	Flanders Innovation & Entrepreneurship	
Piet Verhage	IFV/ Smart@fire	
Pieter Biets	FOD Binnenlandse zaken	
Radek Soukup	University of West Bohemia	
Richard Ballheimer	Ballyclare	
Robert Maul	Feuerwehr Dortmund	
Romain Zeganadin	Kermel	
Roman Kotrč	ELITRONIC s.r.o.	
Ronald Heus	IFV/ Enprotex	
Sarah Cairns	Cairns Consultancy	
Sebastiano Sanna	Friuli Venezia Giulia Autonomous Region	
Sharanda de Jong	IFV/ Smart@fire	

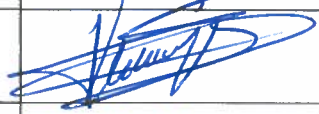
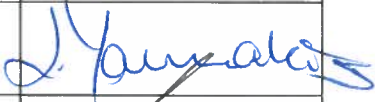
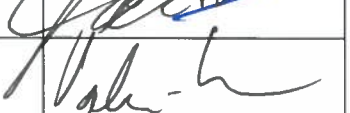
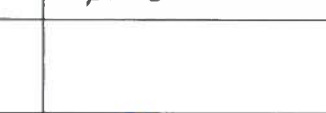
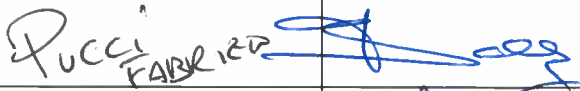
Skaseth Dag

Fag for bundet

Dag Skaseth

Name	Company	Present
Guy Buyle	Centexbel	
Helmut Zepf	PBI Performance Products, Inc.	
Hermann Oberwalder	Texport	
Ivan Deceuninck	Sioen NV	
Ivan Heyvaerts	Utexbel NV	
Ivan Rich	Bristol Uniforms Ltd	
Jan Laarhuis	Saxion	
Jasper Dijkman	Elitac BV	
Jean-Marie Aerts	KU Leuven	
Jérémy Pierlot	French National Fire Fighters Association (FNSPF)	
John Cairns	Cairns Consultancy	
Jon Aspinall	Greater Manchester Fire & rescue service	
Joris Bouckaert	FOD Binnenlandse zaken	
Julie Nauwelaerts	Rentokil Initial	
Kalev Kuklane	Lund University	
Karin Goedheid	Digipolis	
Karin Klein Hesselink	Ballyclare	
Klaas Vande Velde	Applycon	
Katharina Keulen Klaus Hawerkamp	S-GARD safety garments	

Name	Company	Present
Christian Dangoisse	Vandeputte Safety	
Christine Feyaerts	ANPI	
Claude Dubus	EIC EUROPA	
Daniël Parijs	Fod Binnenlandse Zaken	
Daniela Zavec Pavlinic	TITERA ltd.	
Danilo Zuliani	FP CGIL	
Dave Keelan	Greater Manchester Fire & rescue service	
David Bartlett	Omnisense	
Denis Coulaux	SOFILETA	
Dorisz Talas	INNOVA Észak-Alföld	
Elpidoforos Soteriades	University of Cyprus	
Eric van Wely	DuPont	
Erkki Pöld	Estonian Rescue Board	
Florent Veillet	VTN	
Francis Deprez	Flanders Innovation & Entrepreneurship	
Francois Van den Eynde	Hulpverleningszone Rivierenland	
Frederick Bossuyt	Technologiepark	
Gilles Rossu	VLAIO	
Gustave Nijs	FOD Binnenlandse zaken	

Name	Company	Present
Koen Simon	Saxion University	
Kris van Leemput	Alsico N.V.	
Leo Van de Loock	Flanders Innovation & Entrepreneurship	
Leonora Yannakis	ZENIT GmbH	
Lutz Walter	Euratex	
Lyda Kistemaker	IFV/ Enprotex	
Malwina Stec	Ballyclare	
Marc Coen	Hulpverleningszone Zuid-Oost	
Marc Heylenbosch	FOD Binnenlandse zaken	
Markus Schmid	S-GARD safety garments	
Markus Valle-Klann	Texport	
Martin Mögel	Magirus GmbH	
Maurice Kemmeren	IFV/ Enprotex	
Maximilian Klein	Europaburö der bayerischen Kommunen	
Michael Thierbach	KAN	
Michal Homolka	Vochoc	
Miklos Kozlovsky	Obuda University	
Milan Baxa	Applycon	
Nikoletta Nemeth	IFV/ Smart@fire	



Name	Company	Country	Dinner	Lunch	Hotelkamer reserveren	Status	Opmerking
Danilo Zuliani	FP CGIL	Italy	0	0	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134509	
Stefan Roemer	Bullard GmbH	Germany	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134898	
Gustave Nijs	FOD Binnenlandse zaken	Belgium	1	1	Geen hotelkamer reserveren	-	
Vera de Glas	Sioen NV	Belgium	0	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134835	
Ivan Deceuninck	Sioen NV	Belgium	0	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134836	
Alfons Held	DuPont	Switzerland	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 102884	
Maximilian Klein	Europaburö der bayerischen Kommunen	Belgium	1	1	Geen hotelkamer reserveren	-	
Radek Soukup	University of West Bohemia	Czech Republic	1	1	Geen hotelkamer reserveren	-	
Petr Kaspar	University of West Bohemia	Czech Republic	1	1	Geen hotelkamer reserveren	-	
Ales Hamacek	University of West Bohemia	Czech Republic	1	1	Geen hotelkamer reserveren	-	
Bart Vandenbussche	Brandweervereniging Vlaanderen	Belgium	0	0	Geen hotelkamer reserveren	-	
Roman Kotrč	ELITRONIC s.r.o.	Czech Republic	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 135512	
Dave Keelan	Greater Manchester Fire & rescue service	UK	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 135897	
Jon Aspinall	Greater Manchester Fire & rescue service	UK	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 135898	
Kris van Leemput	Alsico N.V.	Belgium	1	1	Geen hotelkamer reserveren	-	
Karin Klein Hesselink	Ballyclare	Netherlands	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 131804	
Willy van Kampen	Ten Cate Protective Fabrics	Netherlands	1	0	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 135510	
Petr Loukota	Vochoc	Czech Republic	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134897	
Michal Homolka	Vochoc	Czech Republic	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134896	
Christine Feyaerts	ANPI	Belgium	1	1	Geen hotelkamer reserveren	-	GLUTEN FREE
Alizée Vanderveken	Centre for Research on the Epidemiology of Disasters	Belgium	0	1	Geen hotelkamer reserveren	-	
Denis Coulaux	SOFILETA	France	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134837	
Romain Zeganadin	Kermel	France	1	1	Geen hotelkamer reserveren	-	
Peter Van Den Berghe	Seyntex NV	Belgium	0	0	Geen hotelkamer reserveren	-	
Guy Buyle	Centexbel	Belgium	1	1	Geen hotelkamer reserveren	-	
Malwina Stec	Ballyclare	Germany	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137825	
Silke Hendricks	Ballyclare	Germany	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137826	VEGETARIAN
John Cairns	Cairns Consultancy	UK	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137134	
Sarah Cairns	Cairns Consultancy	UK	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137134	
Jérémy Pierlot	French National Fire Fighters Association (FNSPF)	France	0	1	Geen hotelkamer reserveren	-	
Richard Ballheimer	Ballyclare	UK	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137824	
Stefan Magnusson	Kommunal	Sweden	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137823	
Klaas Vande Velde	Applycon	Belgium	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137827	
Miklos Kozlovsky	Obuda University	Hungary	1	1	Geen hotelkamer reserveren	-	
Tomas Chaloupek	ELITRONIC s.r.o.	Czech Republic	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137871	
Axel Bischoff	Dräger Safety AG & Co. KGaA	Germany	0	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137874	
Tomas Pekar	Holík International	Czech Republic	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 138389	
Claude Dubus	EIC EUROPA	Belgium	1	1	Geen hotelkamer reserveren	-	
Marc Heylenbosch	FOD Binnenlandse zaken	Belgium	1	1	Geen hotelkamer reserveren	-	
Joris Bouckaert	FOD Binnenlandse zaken	Belgium	1	1	Geen hotelkamer reserveren	-	
Ulrike Aistleitner	Rosenbauer International AG	Austria	1	1	Geen hotelkamer reserveren	-	
Thomas Hartinger	Rosenbauer International AG	Austria	1	1	Geen hotelkamer reserveren	-	
Christian Dangoisse	Vandeputte Safety	Belgium	0	1	Geen hotelkamer reserveren	-	
Ivan Heyvaerts	Utexbel NV	Belgium	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137872	
Jan Laarhuis	Saxion	Netherlands	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 137873	
Markus Schmid	S-GARD safety garments	Germany	0	0	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139004	

Klaus Hawerkamp	S-GARD safety garments	Germany	0	0	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139007	
Tommy Verminck	Decontext NV	Belgium	1	1	Geen hotelkamer reserveren	-	
Jasper Dijkman	Elitac BV	Netherlands	0	0	Geen hotelkamer reserveren	-	
Francois Van den Eynde	Hulpverleningszone Rivierenland	Belgium	1	1	Geen hotelkamer reserveren	-	
Carla Hertleer	Universiteit Gent	Belgium	0	0	Geen hotelkamer reserveren	-	
Veerle Lories	Flemish Government, Department of Economy, Science	Belgium	1	1	Geen hotelkamer reserveren	-	
Otmar Schneider	Texport	Austria	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139859	
Uwe Heinemann	Texport	Austria	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139863	
Erkki Pöld	Estonian Rescue Board	Estonia	1	1	Geen hotelkamer reserveren	-	
Robert Maul	Feuerwehr Dortmund	Germany	1	0	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139860	
Vincent Dubois	SDIS 13	France	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 142032	
Karin Goedheid	Digipolis	Belgium	0	0	Geen hotelkamer reserveren	-	
Martin Mögel	Magirus GmbH	Germany	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139005	
Bernhard Boddenberg	Magirus GmbH	Germany	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139006	
Florent Veillet	VTN	France	0	0	Geen hotelkamer reserveren	-	
Jean-Marie Aerts	KU Leuven	Belgium	0	1	Geen hotelkamer reserveren	-	
Kalev Kuklane	Lund University	Sweden	1	1	Geen hotelkamer reserveren	-	
Thomas Skjoldborg	FOA - Trade & Labour	Denmark	1	1	Geen hotelkamer reserveren	-	
Bertrand Wert	European Commission	Belgium	0	0	Geen hotelkamer reserveren	-	
Piet Desiere	Flanders Innovation & Entrepreneurship	Belgium	1	0	Geen hotelkamer reserveren	-	
Stefan Pauwels	Luciad NV	Belgium	0	1	Geen hotelkamer reserveren	-	
Helmut Zepf	PBI Performance Products, Inc.	Germany	1	0	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 141418	
Michael Thierbach	KAN	Germany	1	1	Geen hotelkamer reserveren	-	NO PEANUTS
Daniël Parijs	Fod Binnenlandse Zaken	Belgium	0	0	Geen hotelkamer reserveren	-	
Koen Simon	Saxion University	Netherlands	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 141419	
Pieter Biets	FOD Binnenlandse zaken	Belgium	1	1	Geen hotelkamer reserveren	-	
Stephane Conings	Brandweer Amsterdam-Amstelland	Netherlands	1	1	Geen hotelkamer reserveren	-	
Nora Salya	INNOVA Észak-Alföld	Hungary	1	1	Geen hotelkamer reserveren	-	
Dorisz Talas	INNOVA Észak-Alföld	Hungary	1	1	Geen hotelkamer reserveren	-	
Daniela Zavec Pavlinic	TITERA ltd.	Slovenia	1	1	Geen hotelkamer reserveren	-	
Andy Thurman	Omnisense	UK	1	0	Geen hotelkamer reserveren	-	
David Bartlett	Omnisense	UK	1	0	Geen hotelkamer reserveren	-	
Hermann Oberwalder	Texport	Austria	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 139861	
Apostolos Paralikas	European Commission	Belgium	0	1	Geen hotelkamer reserveren	-	
Marc Coen	Hulpverleningszone Zuid-Oost	Belgium	0	1	Geen hotelkamer reserveren	-	
Frederick Bossuyt	Technologiepark	Belgium	0	1	Geen hotelkamer reserveren	-	
Leo Van de Loock	Flanders Innovation & Entrepreneurship	Belgium	0	1	Geen hotelkamer reserveren	-	
Pascal Verheye	Enterprise Europe Network Flanders	Belgium	0	1	Geen hotelkamer reserveren	-	
Paul Bertens	Hobrand Algebra BV	Netherlands	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 141818	NO PORK MEAT
Sebastiano Sanna	Friuli Venezia Giulia Autonomous Region	Belgium	0	0	Geen hotelkamer reserveren	-	
Ivan Rich	Bristol Uniforms Ltd	Great Britain	1	1	Geen hotelkamer reserveren	-	
Elpidoforos Soteriades	University of Cyprus	Cyprus	1	1	Geen hotelkamer reserveren	-	VEGETARIAN
Bernard Paquet	Centexbel	Belgium	1	0	Geen hotelkamer reserveren	-	
Astrid de Neeve	Flanders Innovation & Entrepreneurship	Belgium	1	0	Geen hotelkamer reserveren	-	
Leonora Yannakis	ZENIT GmbH	Germany	1	1	Hotelkamer reserveren		
Totaal 91 deelnemers			66	71			

Name	Company	Country	e-mail	Occupation	Dinner	Lunch	Hotelkamer reserveren	Status	Programma
Bernard De Potter	Flanders Innovation & Entrepreneurship	Belgium	bernard.depotter@vlaio.be		1	1			
Stephan Corvers	Corvers Procurement Services BV	Netherlands	s.corvers@corvers.com		0	1			
Moderator panel: Lutz Walter	Euratex	Belgium	lutz.walter@euratex.eu	Partner/ Eur	1	1	Geen hotelkamer reserveren	-	Round table
Panel: Milan Baxa	Applycon	Czech Republic	baxa@applycon.cz	a manufact	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 135511	Enprotex
Panel: Markus Valle-Klann	Texport	Austria	markus@klann.net	a manufact	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 141817	Round table
Panel: Francis Deprez	Flanders Innovation & Entrepreneurship	Belgium	francis.deprez@vlaio.be		1	1			
Panel: Thomas Geerinck	Addestino Innovation Management	Belgium	tg@addestino.be		1	1			
Chris Addiers	FEU	Belgium	chris.addiers@telenet.be		0	1			Enprotex
Eric van Wely	DuPont	Switzerland	Eric.A.van-Wely@dupont.com		1	1			Enprotex
Vasileios Tsanidis	European Commission	Belgium	Vasileios.TSANIDIS@ec.europa.eu		1	1			Round Table
Andreas Lymberis	European Commission	Belgium	andreas.lymberis@ec.europa.eu		1	1			Round Table
Team Smart@fire									
Nikoletta Nemeth	IFV/ Smart@fire	Netherlands	nikoletta.nemeth@ifv.nl	Public procu	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134515	Round Table
Sharanda de Jong	IFV/ Smart@fire	Netherlands	sharanda.dejong@ifv.nl	Other	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134513	Round Table
Piet Verhage	IFV/ Smart@fire	Netherlands	piet.verhage@ifv.nl		1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134514	
Steven Cleeren	VLAIO	Belgium	Steven.Cleeren@vlaio.be		1	1	Geen hotelkamer reserveren	-	Round Table
Gilles Rossu	VLAIO	Belgium	gilles.rossu@vlaio.be		1	1	Geen hotelkamer reserveren	-	Round Table
Team Enprotex									
Maurice Kemmeren	IFV/ Enprotex	Netherlands	maurice.kemmeren@ifv.nl		1	1	Hotelkamer reserveren 14 en 15	Gereserveerd met reserveringsnummer 134511	Enprotex
Alyssa Bladergroen	IFV/ Enprotex	Netherlands	alyssa.bladergroen@ifv.nl	Other	1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 134512	Enprotex
Lyda Kistemaker	IFV/ Enprotex	Netherlands	lyda.kistemaker@ifv.nl		1	1	Hotelkamer reserveren	Gereserveerd met reserveringsnummer 135911	Enprotex
Ronald Heus	IFV/ Enprotex	Netherlands	ronald.heus@ifv.nl		0	1	Geen hotelkamer reserveren	-	Enprotex
Totaal 20 deelnemers					17	20			