

# THE DRIVER+ PORTFOLIO OF SOLUTIONS

GETTING STARTED WITH POS & TGT

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19/02/2020 – DRIVER+ Advanced Crisis Management Conference - Brussels

# PORTFOLIO OF SOLUTIONS: FIRST STEPS

## HOW TO GET STARTED WITH THE POS?

- PoS site is accessible under <https://pos.driver-project.eu/en>
- Read-only access to CM gaps, Solutions, Trials, and more for all visitors
- Two navigation paths from the front page: menu (top) & the large tiles.
- Plenty of help available when you need it.

### Note:

- *HTML5 compliant web site*
- *Usable on small devices (e.g. smartphones)*
- *Extensively tested with Firefox & Chrome*
- *Old internet explorer not supported!*

driver+ Log in All users Contact

GAPS EXPLORER PORTFOLIO OF SOLUTIONS TRIAL GUIDANCE TOOL WORTH KNOWING

Join the community!  
Do you own a CM Solution and want to advertise it on the Pos category?  
Do you wish to publish your own Trials?  
Do you need help?  
Left-hand side of most pages has buttons for contextual help and for contacting the helpdesk.

Helpdesk

Knowledge

GAPS SOLUTIONS TRIALS

COUNTRY PROFILES KNOWLEDGE DB TAXONOMIES

About

WHAT IS THE PORTFOLIO OF SOLUTIONS? WHAT IS THE TRIAL GUIDANCE TOOL? DRMKC

# GAPS EXPLORER

## SEARCHABLE LIST OF „STRATEGIC“ AND USER-CONTRIBUTED CM GAPS

The screenshot shows the GAPS Explorer web application. At the top, there is a navigation bar with the DRIVER+ logo, a menu with 'GAPS EXPLORER', 'PORTFOLIO OF SOLUTIONS', 'TRIAL GUIDANCE TOOL', and 'WORTH KNOWING', and user options 'Log In', 'All Users', 'Contact', and a globe icon. Below the navigation bar is a teal banner with the text 'CM Gaps Explorer' and a background image of emergency responders. The main content area is titled 'Contact/report issues' and includes a 'Helpdesk' button. A sidebar on the left contains a search box with the text 'IFAFRI', a 'Curated?' section with radio buttons for 'strategic' and 'user', an 'Active?' section with radio buttons for 'active' and 'archived', a 'Sort by' dropdown set to 'Trending', an 'Order' dropdown set to 'Desc', and an 'Items per page' dropdown set to '12'. The main content area displays a grid of nine gap cards, each with a 'Strategic' label, a title, a description, and a link to 'Add CM Gap'. The cards are arranged in a 3x3 grid. The first card is titled 'Real-time location of responders and hazards (IFAFRI)'. The second card is titled 'Maintain interoperable communications with responders in any environmental conditions (IFAFRI)'. The third card is titled 'Provide appropriate and advanced personal protective equipment (IFAFRI)'. The fourth card is titled 'Real-time detection, monitoring and analysis of threats and hazards (IFAFRI)'. The fifth card is titled 'Obtain critical information remotely about the incident (IFAFRI)'. The sixth card is titled 'Create actionable intelligence based on information from multiple sources (IFAFRI)'. The seventh card is titled 'Rapid identification of hazardous agents and contaminants (IFAFRI)'. The eighth card is titled 'Conduct on-scene operations remotely without endangering responders (IFAFRI)'. The ninth card is titled 'Incorporating information from multiple sources into incident command operations (IFAFRI)'. Each card also includes a 'PDF export' link.

# GAPS EXPLORER

## GAPS ARE AUTOMATICALLY LINKED TO SOLUTIONS

The screenshot shows the Gaps Explorer web application. At the top, there is a navigation bar with the 'driver+' logo, 'GAPS EXPLORER WORTH KNOWING', 'PORTFOLIO OF SOLUTIONS', and 'TRIAL GUIDANCE TOOL'. A user is logged in as 'All users'. The main content area features a header for 'CM Gaps Explorer' with a background image of emergency responders. Below this, there is a search bar and a button to 'Add CM Gap'. The main content is a grid of search results for 'Real-time location of responders and hazards (IFAFRI)'. Each result includes a strategic description, a brief description, and a link to the solution. The results are as follows:


Strategic	Description	Link
Strategic	The ability to know the location of responders and their proximity to risks/threats and hazards in real time	<a href="#">Maintain interoperable communications with responders in any environmental conditions (IFAFRI)</a>
Strategic	The ability to provide appropriate and advanced personal protective equipment	<a href="#">Real-time detection, monitoring and analysis of threats and hazards (IFAFRI)</a>
Strategic	The ability to obtain critical information remotely about the extent, perimeter, or interior of the incident	<a href="#">Create actionable intelligence based on information from multiple sources (IFAFRI)</a>


This screenshot shows a detailed view of a solution card. The title is 'Real-time location of responders and hazards'. It includes the following information:

- Endorsed by:** IFAFRI
- Motivation:** The ability to know the location of responders and their proximity to risks/threats and hazards in real time
- Relevant hazards:** Any
- POTENTIAL SOLUTIONS:** A list of solutions that could address this gap, each with a relevance score and a thumbnail image:
  - viewTerra Evolution:** Relevance: 28
  - zirkarta:** Relevance: 22
  - GDACsmobile:** Relevance: 20
  - viewTerra Evolution:** Relevance: 14
  - zirkarta:** Relevance: 12
  - GDACsmobile:** Relevance: 12

# SOLUTIONS


## SOPHISTICATED FULL-TEXT & FACETED SEARCH

Log in All users Contact 

 GAPS EXPLORER **PORTFOLIO OF SOLUTIONS** TRIAL GUIDANCE TOOL WORTH KNOWING

### All Solutions

HOME » ABOUT POS » PORTFOLIO OF SOLUTIONS » SOLUTION: CRISIS CYCLE PHASE: RESPONSE » UC » CM FUNCTIONS » NAME: COLLECT INFORMATION FROM DEPLOYED SOURCES

Search Filter by hazard  Collect information from deployed sources (13) 

**Contact/report issues**

[Helpdesk](#)

**Innovation stage**

- Stage 1: Concept (2)
- Stage 3: Initial Piloting (3)
- Stage 4: Early Adoption/ Distribution (5)
- Stage 5: Market Growth (1)
- Stage 6: Wide-scale Adoption (2)

**Crisis Cycle Phase**

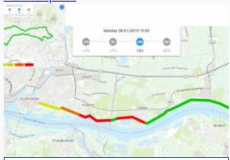
- Mitigation (4)
- Preparedness (7)
- Recovery (5)
- Response (13)

**Crisis size**


- Cross-border (9)
- Large scale (8)
- Local (12)
- Regional (11)

As an alternative to searching directly for solutions, you can also [search for CM gaps](#) and find out which solutions address the gaps you are interested in.


[PDF export](#)




**REAL TIME FLOOD RISK ASSESSMENT VIEWER**



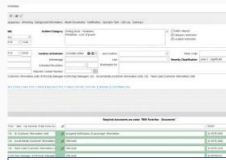
**CROWDTASKER**




**COLLABORATIVE MISSION MANAGEMENT SERVICE - PLANET**




**UAV-ASIGN**



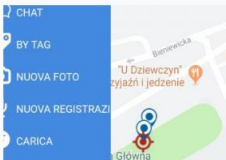
**REM RAILWAY INCIDENT MANAGEMENT**




**GINA**



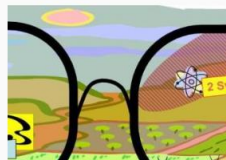
**CITY MANAGEMENT PORTAL**



**FRT - FIELD REPORTING TOOL**



**MDA COMMAND AND CONTROL SYSTEM**



**MIXED REALITY GLASSES**

5

DRIVER+ Project

# SOLUTIONS (2)

## SUMMARY VIEW

- **Basic information:** Title, summary, meta-information, illustrations, similar solutions
- **Extended information:** Contact, Use cases, references and Dokumentation

Contextual help

Solutions HOWTO

Contact/report issues

Helpdesk

Contextual help

Solutions HOWTO

Contact/report issues

Helpdesk

▶ CONTACT

CrowdTasker enables crisis managers to instruct large numbers of non-institutional (either spontaneous or pre-registered) volunteers with customizable tasks, contextual information, warnings and alerts, as well as to crowdsource information from them. The received feedback is evaluated and visualized and provides *crisis* managers with a detailed overview of the situation, which is used in turn to trigger adequate *disaster* relief services.

When working with the volunteers that are already at a disaster site CrowdTasker allows the crisis managers to:

- Dramatically reduce the time and effort needed to exchange information with these volunteers;
- Differentiate between the volunteers based on their profiles (e.g. skills, health) and positions
- Address the people that potentially possess local knowledge;
- Alleviate the workload for *emergency* and *response* organizations;

▶ SUPPORTED USE CASES

**Addressed hazards**

- [Any](#)

**Innovation stage**

- [Stage 4: Early Adoption/ Distribution](#)

**Readiness**

- [TRL 7 - System prototype demonstration in operational environment](#)

**Crisis Cycle Phase**

- [Response](#)
- [Preparedness](#)

**Crisis size**

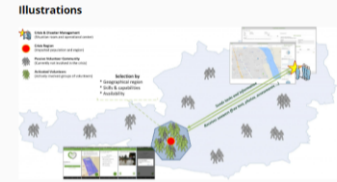
- [Local](#)
- [Regional](#)
- [Large scale](#)
- [Cross-border](#)

**Supported standards**

1. [Qualifications Handbook Incident Command in Fire and Rescue Services](#)

▶ REFERENCES

▶ DOCUMENTATION



Similar Solutions

 GDACSmobile	 zirkarta	 Emergency Mapping Tool (EMT)	 Real Time Flood Risk Assessment Viewer
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# TRIALS

## SUMMARY VIEW

- Anonymous users can only see the „overview“ page
- Data model is determined by the Trial Guidance Methodology and & more complex than that of the solutions (but many fields are optional.)
- Details are collapsed per default, like for Solutions

DRIVER+ Trial 2 - France

HOME > TRIAL GUIDANCE TOOL > DRIVER+ TRIAL 2 - FRANCE

Contextual help

[TGT Internal](#)

[Trial Guidance Tool and the Trial Groups](#)

Contact/report Issues

[Helpdesk](#)

[View](#) [Print](#) [Share](#) [Feedback](#) [Help](#)

**CONTACT**

**Trial Description**

The *Trial 2* general purpose is to improve cooperation and coordination between different organizations and agencies from different countries, using innovative solutions for large scale and complex (multi-event) *crisis*. In particular, the French Trial seeks:

- To identify *crisis management* gaps and describe the associated crisis management processes, resulting in a baseline providing the current standard.
- To select solutions addressing the Crisis Management functions that are part of the above mentioned processes and assess to which extend they contribute in improving them and eventually solving the identified gaps and to provide feedback to the solution providers so to improve their solutions and maximise the benefit of using them.
- To apply the Trial Guidance Methodology's current status, including first lessons learnt after the completion of Trial 1, and provide feedback for further improvement.
- In applying this TGM, to ensure that the Trial set up is feasible and realistic, and will enable the production and collection of data enabling assessment of the three dimensions (solutions, Trial, crisis management).
- To contribute to the development of DRIVER+ *Test-bed*.
- To showcase and discuss DRIVER+ methodology, Test-bed and initial results with external stakeholders taking part in the Trial as participants or as observers.

**GAPS**

**Overarching objective**

Overarching objective of this trial is to improve the *response* to a large forest fire through improved communication, information exchange and shared situation awareness across organisational and administrative borders as well as along the chain of command.

**OBJECTIVES**

**Overarching scenario**

The scenario of *Trial 2* simulates the *response* to a large forest fire in a typical Mediterranean environment (South-East of France, Bouches-du-Rhône department, Alpes area). The severity of the fire requires cross-border coordination and information exchange across organisational and state borders as well as along the command chain.

**SCENARIOS**

**Trial type**

Trial

**Crisis size**

[Regional](#)


**Crisis Cycle Phase**

[Preparedness](#)  
[Response](#)  
[Recovery](#)

**Trial Location**

[France](#)

**Trial illustrations**



**RESEARCH QUESTIONS**

**TRIALED SOLUTIONS**

**RESULTS**

# PORTFOLIO OF SOLUTIONS: JO

## WHY REGISTER?

### Registered users can:

- Export trials/solutions (PDF, soon also MS Word)
- Publish own solutions
- Develop own trials
- Join solution/trial teams
- Propose new CM gaps
- Contact solution/trial owners and other users

### Registration (<https://pos.driver-project.eu/en/user/register>)

- Free but restricted to CM community
- *Real name required!*  
*Professional e-mail address required!*

Log in

▼ LOGIN INFORMATION \*

**Instructions**

- Your "username" is only used for login and will not be shown to other site users. Feel free to use any name that you can easily remember.
- Please use your company e-mail address for registration. All registration requests with public e-mail addresses (e.g. name@gmail.com) will be rejected.

Email address \*

A valid email address. All emails from the system will be sent to this address. The email address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by email.

Username \*

Several special characters are allowed, including space, period (.), hyphen (-), apostrophe ('), underscore (\_), and the @ sign.

▼ PUBLIC INFORMATION \*

This is a professional site for Crisis managers and Solution providers. Therefore, you must disclose your real name to join. Please also fill in the "profile" to explain who you are. Once you log in, you can (should) also add the company that you work for.

Name \*

Please enter your **full (real) name** here. This name will be displayed to other users of the site.

Profile \*

**B I** | | Format -

[About text formats](#) ⓘ

Please add a few lines of information explaining your relation to the field of Crisis Management. E.g. your professional background, crisis management related roles and interests, reason for being here.

**Terms and Conditions confirmation \***  
Please read the [EoS Terms and Conditions](#) and indicate that you agree with them.  
Most importantly:

1. This site is for CDM professionals and other stakeholders in the CDM process.
2. Most of the site contents are shared with a large number of people through this web site and through our affiliates.
3. All the site contents must be factual, non-inflammatory and the person adding the content (including the illustrations) must have the right to do it.



# WHEN YOU NEED HELP

## CONTEXTUAL HELP, TUTORIALS, WEBINARS, HELPDESK...

### Contextual help

Solutions HOWTO

### Contact/report issues

Helpdesk

Scope: Getting Started	
Title	Objectives
<a href="#">00 PoS content syndication HOWTO</a>	Part of the PoS contents can be syndicated by mean of the the PoS "REST GET" how.
Scope: Solutions	
Title	Objectives
<a href="#">03.3 How to add a solution reference to a solution?</a>	The objective of the tutorial is to show the <u>solution</u> owners how to a solution
<a href="#">Solution Tutorial</a>	This tutorial aims at teaching the user how to add a <u>solution</u> , and ho solution.
Scope: Trials	
Title	Objectives
<a href="#">02.8 How to add trial scenario?</a>	This tutorial aims to show the user how to add a <u>Trial scenario</u> to their Trial.
<a href="#">02.9 how to add related solutions</a>	This tutorial aims to show the user how to add related solutions to their <u>Trial</u> .
<a href="#">Trial tutorial</a>	This tutorial aims at teaching the user how to add a <u>trial</u> , and how to add/edit all information about this trial.
Scope: User Management	
Title	Objectives
<a href="#">User Management Tutorial</a>	This tutorial aims to show how to: <ul style="list-style-type: none"><li>• request an account for the PoS website</li><li>• reset your password</li><li>• find help texts and contact the helpdesk</li></ul>

### WORTH KNOWING

PoS/TGT Webinars

PoS/TGT News and Updates

PoS/TGT Tutorials

CDM terminology

CDM Country profiles

PoS/TGT Taxonomies

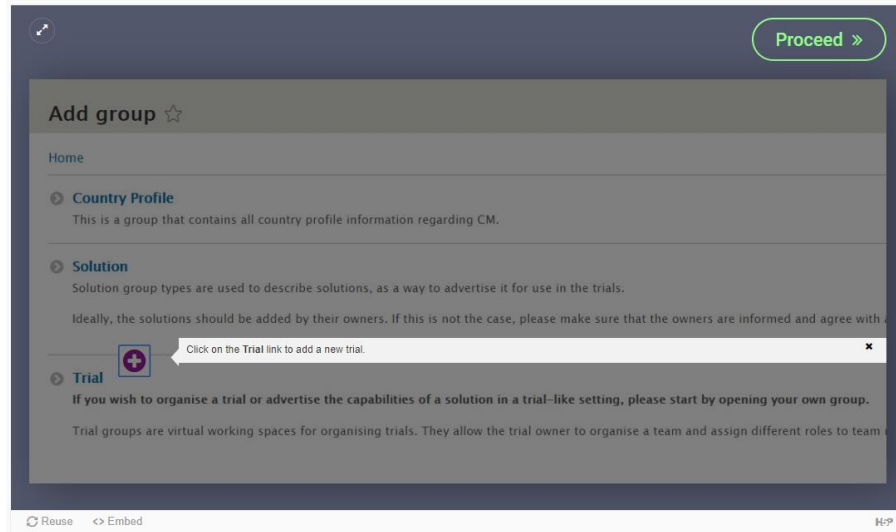
DRIVER+/CMINE Innovative Solutions Contest 2020

PoS/TGT terms and conditions

# WHEN YOU NEED HELP (2)

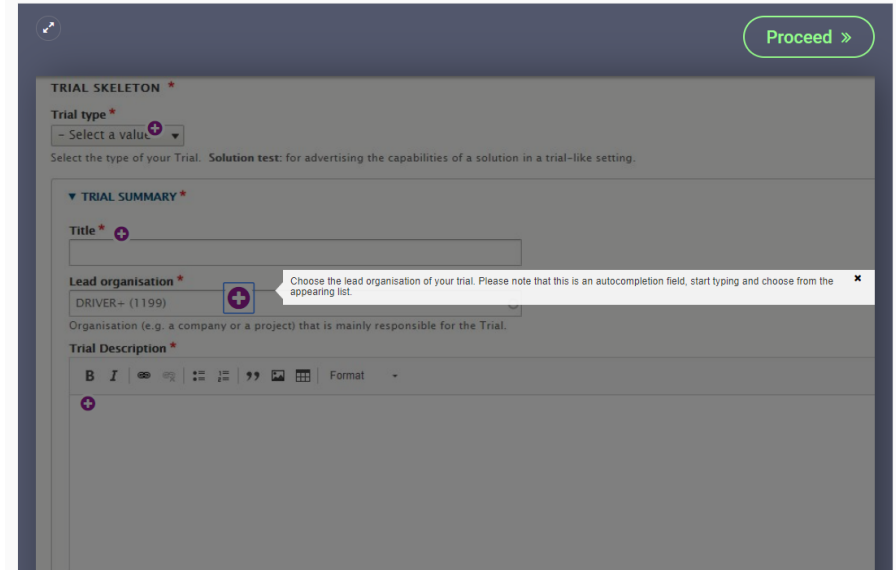
## CONTEXTUAL HELP, TUTORIALS, WEBINARS, HELPDESK...

InteractiveTutorial



The screenshot shows a tutorial interface with a dark blue header containing a 'Proceed »' button. The main content area is titled 'Add group' and lists several options: 'Home', 'Country Profile', 'Solution', and 'Trial'. The 'Trial' option is highlighted with a purple plus icon. A white tooltip box is overlaid on the 'Trial' link, containing the text: 'Click on the Trial link to add a new trial.' At the bottom of the interface, there are 'Reuse' and 'Embed' icons on the left, and a 'Help' icon on the right.

InteractiveTutorial



The screenshot shows a tutorial interface for creating a trial. The header has a 'Proceed »' button. The main content is titled 'TRIAL SKELETON' and includes a 'Trial type' dropdown menu. Below this is a section for 'TRIAL SUMMARY' with fields for 'Title', 'Lead organisation', and 'Trial Description'. The 'Lead organisation' field is populated with 'DRIVER+ (1199)' and has a purple plus icon. A white tooltip box is overlaid on this field, containing the text: 'Choose the lead organisation of your trial. Please note that this is an autocompletion field, start typing and choose from the appearing list.' At the bottom, there is a rich text editor with various formatting options.

- PoS features comprehensive help in form of contextual help texts and interactive tutorials.
- If this doesn't help, please join our weekly webinars or contact the „helpdesk“.

# AT THE POS/TGT BOOT

„ADVANCED TOPICS“, LIKE HANDS-ON SOLUTION EDITING...

The image shows a multi-part screenshot of the PoS/TGT system interface. On the left, there is a sidebar with navigation options: 'Solutions HOWTO', 'Contact/report issues' (with a 'Helpdesk' button), and 'Solution Navigation' (with buttons for 'All Solutions', 'Translations', 'Use Cases', 'Used/Tested in', 'Solution documentation', and 'Edit in workflow'). The main content area is divided into two sections. The top section, titled 'Contextual help', contains language selection menus (English, German, Italian, Spanish) and a 'PDF export' button. Below this is a search bar with 'CONTACT' entered. The bottom section, titled 'Contextual help', contains a 'Solutions HOWTO' button and a 'Helpdesk' button. A blue arrow labeled 'Discover solutions matchir' points from the 'Edit in workflow' button to the 'Discover solutions matchir' text. The right side of the image shows a 'Use cases' management screen. It has tabs for 'Description', 'Use Cases', 'References & documentation', 'Meta-information', and 'Publication'. The 'Use Cases' tab is active, showing a table of use cases. Below the table, there is a text area for adding a new use case and a 'Back' button.

Contextual help

Solutions HOWTO

Contact/report issues

Helpdesk

Solution Navigation

All Solutions

Translations

Use Cases

Used/Tested in

Solution documentation

Edit in workflow

Contextual help

Group dashboard Members View Edit Translate Validation

PDF export

CONTACT

Web based knowledge management system connecting the crisis management gaps with solutions Portfolio of Solutions (PoS) aims to document all the relevant available solutions of crisis management (CM) across Europe, as well as the strategic CM gaps in a way that facilitates the solution discovery. Key feature of the PoS is the automated matching of the "similar solutions" and "solutions (potentially) addressing this gap.

Third parties are encouraged to syndicate parts of the PoS content and present them on their own sites under the terms of the [Creative Commons Attribution 4.0 International](#) license.

SUPPORTED USE CASES

Discover solutions matchir

PoS provides a sophisticated solution well as the automatic matching of solutions" and to the Crisis Management satisfactory (operative) solutions e the users on state of the current r development.

In addition, the PoS also provides

Contextual help

Solutions HOWTO

Contact/report issues

Helpdesk

Description Use Cases References & documentation Meta-information Publication

Use cases \*

Title	Status	Operations
Discover solutions matching the real needs of the stakeholders	Published	Edit Remove
Define and publish CM gaps	Published	Edit Remove
Publish CM solutions	Published	Edit Remove
Syndicate PoS content	Published	Edit Remove
Automated translation of contents	Published	Edit Remove

You have added 5 out of 10 allowed Use cases.

Add new Use case

Please describe at least one use case that this solution supports and link it with the relevant crisis management functions.  
\*Add existing use cases" option allows you to add already defined use cases that aren't listed here yet.

Back Save and continue Delete Cancel

# AT THE POS/TGT BOOT (2)

## LIKE HANDS-ON TGT & TRIAL EDITING...

Edit DRIVER+ Trial 3 – AUSTRIA

Group dashboard Members View Edit Translate Validation

Home » DRIVER+ Trial 3 – AUSTRIA

Group edit

► TRIAL SUMMARY \*

► TRIAL CONTEXT

▼ META INFORMATION \*

Meta information is mainly used for search and matching of the trials. (More fields to be added) See <https://tinyurl.com/...>

**Trial Location \***

- Albania
- Lithuania
- Poland
- Romania

Please choose the area where the trial will be held. Currently, only the State-level information can be added

**Crisis Cycle Phase \***

- Preparedness
- Response
- Recovery
- Mitigation

Which phase(s) of the crisis cycle management is/are targeted by this trial?

**Incident category**

- generic hazards
- generic
- Any
- Natural
- Meteorological
- Storms, tornadoes, cyclones
- Extreme heat waves
- Extreme cold waves
- Heavy snow and/or icing

The screenshot shows the DRIVER+ web application interface for editing trial information. The top navigation bar includes the DRIVER+ logo and links for GAPS EXPLORER, PORTFOLIO OF SOLUTIONS, TRIAL GUIDANCE TOOL, and WORTH KNOWING. The user profile shows Barbara, with options for Log out, All users, and Contact. The main content area is titled "Contextual help" and contains several sections:

- Contextual help:** Includes a "Trial Gaps" section with a "MISSING TRIAL CONTENT:" warning, a note that "Following CM Gaps are not referenced:" (with sub-points: Real-time data and information fusion to support incident commander decision-making, Managing spontaneous volunteers), and a "Link existing CM Gaps from previous trials" option.
- STEP 0:** A "Trial gaps" section with a "Create CM Gaps" button and a list of items: "Gaps selected from 21 D+ gaps:", "Gaps discussed with practitioners:", and "Additional gaps identified (optional):".
- PREPARATION PHASE:** Includes "Trial Objectives", "Research Questions", "Data Collection Plan", "Evaluation Approaches & Metrics", "Scenario formulation", and "Solution selection".
- EXECUTION PHASE:** Includes "Trial integration meeting", "Dry run 1", "Dry run 2", and "Trial run".
- EVALUATION PHASE:** Includes "Data quality check", "Data analysis", "Data synthesis", and "Document dissemination".

Below these sections are two "VOLUNTEER MANAGEMENT" cards. The first card is titled "VOLUNTEER MANAGEMENT" and has a "REFERENCED BY" field. The second card is titled "ADDRESSING THE PSYCHOLOGICAL STRESS OF VOLUNTEERS" and includes a description: "Low awareness and lack of ability to address the risks of adverse mental health effects and decreased psychosocial wellbeing in spontaneous and trained volunteers following response operations." It has an "Endorsed by:" field (value: DRIVER+), a "Relevant hazards:" field (value: Any), and a "DETAILS" button. Below the card, it says "Last changed 3 months ago by Denis Havlik ()".

# AT THE POS/TGT BOOT (3)

OR TO DISCUSS THE FUTURE OF POS!

DCNA  
*German speaking community*

**DCNA**ustria  
Disaster Competence Network Austria

**CoE**   
Centre of Expertise



International Forum to Advance  
**FIRST RESPONDER INNOVATION**

PoS & TGT  
will be supported by AIT  
and ATOS after the project  
end and used by a variety  
of partners

STAMINA  
H2020  
(starts Q3  
2020)

  
**CMINE**  
Fostering Innovation in  
Crisis Management

  
**Disaster  
Risk  
Management  
Knowledge  
Centre**

Your  
organisation  
or project?

# CONTACT

## REACH US



@driver\_project



Groups:  
Driver Project



Driver Project

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This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 607798. The information and views set out in this presentation are those of the author(s) and do not necessarily reflect the official opinion of the European Union



[driver-project.eu](http://driver-project.eu)