



## ...TRAINING...TRAINING... PREPARING FOR FTX DISPERSE 18 - 23 May 2019 Finland

### WORK PACKAGE NEWS

WP 1	
WP 2	
WP 3	
WP 4	
WP 5	
WP 6	
WP 7	
WP 8	
WP 9	

Preparations are gathering pace for FTX DISPERSE.

Two teams of TOXI-Triage partners, the 'TOXI-Triage Core FTX Planning Group' and 'TOXI-Triage Evaluation Group' have been working on planning and preparation in collaboration with Finnish partners SSAV and Miksei.

An intensive period of training is commencing with technology providers communicating directly with those in the Finnish authorities who will be using the TOXI-Triage technologies in the FTX in order to ensure they are familiar with the technology.

During the exercise, novel approaches to field testing will be employed as shown in the table below.

### PROJECT STATUS

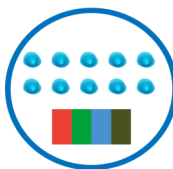
- 42 months completed
- 6 months to completion

### MILESTONES

#### DELIVERABLES

- D2.5
- D2.6
- D4.5
- D6.4

What is new in TOXI-Triage	Benefit
<b>Novel Technologies</b>	A range of new technologies have been developed specifically for the project to aid in, for example: situational awareness, CO-NOPS and triage
<b>Key Performance Indicators</b>	15 KPIs for technology field validation and evaluation
<b>Truth Tables</b>	Will provide statistical evaluation of the outcome
<b>Design of the Exercise using infographics</b>	Roles and details of activities have been specified for each participant and group of participants in separate critical segments. Casualty journeys have been organised to enable testing and evaluation to be assessed at different layers.
<b>Accimaps</b>	Actor Information Tables – give a clear indication of the role of individuals
<b>Heirarchical Task Analysis</b>	Used for understanding procedures and use of new technologies
<b>Body cameras</b>	The use of body cameras on selected participants will enable the exercise to be evaluated from the perspective of different groups including from a casualty perspective
<b>Questionnaires customized to the different phases and per participant or evaluator</b>	Symbols-based questionnaires have been specifically designed for the project from pre-existing examples. Use of icons



## INTRODUCING THE NTUA TEAM

### Facts and Figures

**18 Partners**

**€12,000,000**

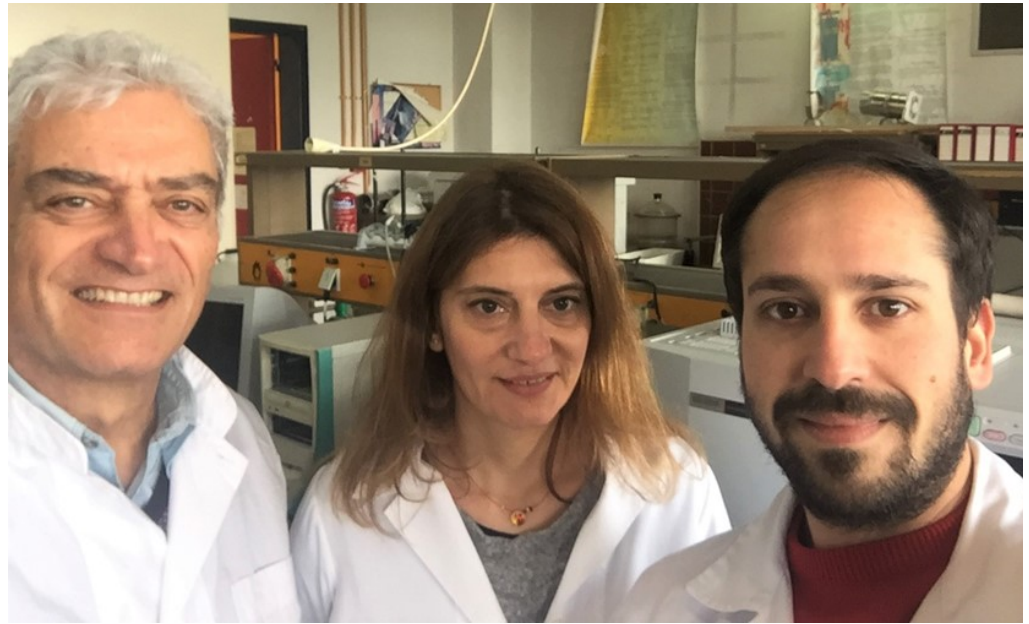
**48 Months**

**7 Specific Objectives**

**9 Work Packages**

**45 Deliverables**

**42 Milestones**



### Reminders

**Time sheets every month**

**Receipts for all expenditure**

**Discuss major expenditure with co-ordinator before making the commitment**

**Travel outside the EU needs authorisation, speak with the project co-ordinator.**

**Want to set up a meeting ?**

**Speak with Lois Child and get a GoTo meeting link.**

**Names and addresses of everyone involved in the project to Lois Child please.**

### About NTUA

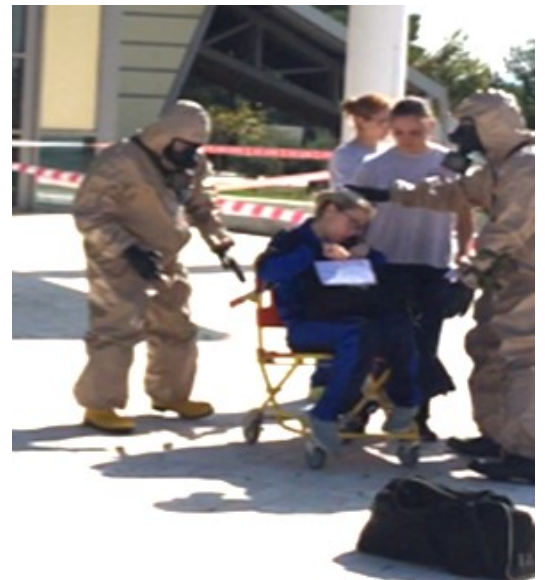
The NTUA team is situated in National Technical University of Athens, School of Chemical Engineering. The team led by Prof. Milt Statheropoulos has long experience in field chemical analysis that has been applied in research projects of search and rescue, forests fires and chemometrics.

NTUA is a partner of TOXI-triage H2020 project both as a technology developer and as WP6 (FTXs) leader. In this framework NTUA has developed the Trace Atmosphere Generator (TAG) that has been evaluated



at UFZ (Helmholtz Zentrum für Umweltforschung) chemistry laboratory and at field level (Field Technical Exercise FOCUS). TAG generates continuous plumes of selected concen-

trations of gases and VOCs that can be used to calibrate on-site chemical detectors. Field (onsite) calibration is quite important for the reliability of these detectors in real world cases, as decisions for life threatening situations are made based on the detector's outputs.



The NTUA team has also contributed to TOXI triage by organizing and running together with HMOD the part of the FTX FOCUS that examined impacts of CBRN events on vulnerable groups. MS



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[www.toxi-triage.eu](http://www.toxi-triage.eu)

## Forthcoming Milestones and Deliverables

No.	Milestone name	D-D
<b>MS38</b>	Release of test version of software for Field Exercises FOCUS and DISPERSE	<b>38</b>
<b>MS39</b>	Evaluation Workshop on the Clinical investigations of prototype devices	<b>46</b>
<b>MS40</b>	Completion of field exercises	<b>44</b>
<b>MS41</b>	Final report first draft	<b>48</b>

No	Deliverable name	D-D
<b>3.3</b>	<b>Database of biomarkers of exposure to chemical, radiological and nuclear hazards (+ Technical Annex [SP-C-T])</b>	<b>44</b>
<b>2.3</b>	Triage verification facility	<b>46</b>
<b>2.4</b>	Proceedings of meeting on Verification of C-detection methods and procedures	<b>46</b>
<b>2.5</b>	<b>'Identification of bacterial strains with multiplexed Aptamer sensing' Report assessing the potential of B-detection based on aptamer-based methods and techniques</b>	<b>42</b>
<b>2.6</b>	<b>Guidelines for R-/N- survey/sampling protocols to identify hotspots, migration from matrices and assessment of chemical transformations</b>	<b>42</b>
<b>4.5</b>	<b>On-site environmental survey analytics</b>	<b>42</b>
<b>6.4</b>	<b>FTX FOCUS</b>	<b>42</b>
<b>5.3</b>	Casualty tracing system implementation	<b>44</b>
<b>7.7</b>	Standardisation and harmonisation for detection systems on the semantic web	<b>44</b>
<b>6.3</b>	<b>FTX DISPERSE</b>	<b>44</b>

No.	Deliverable name (Cont.)	D-D
<b>2.7</b>	A verified operational guidance tool for end users	<b>46</b>
<b>3.4</b>	Report on the Clinical Trials	<b>48</b>
<b>4.6</b>	Laboratory system for B-detection with multiplexed aptamer sensors	<b>48</b>
<b>5.4</b>	Social media data for crises management operations implementation	<b>48</b>
<b>5.5</b>	TOXI-Triage System Integration	<b>48</b>
<b>6.5</b>	Report on Field Trials	<b>48</b>
<b>7.8</b>	Translation and co-ordination with external governmental CBRN research laboratory	<b>48</b>
<b>8.4</b>	Cross cultural and social factors in planning for crises management	<b>48</b>
<b>8.5</b>	Messages for clear and compelling communication during crises management	<b>48</b>