

PHYSICAL MEETING

# #2 ANNUAL WORKSHOP

Nuclear Security  
in Maritime  
Infrastructure

24-25 JUNE 2021  
Athens, Greece



This project has received funding from the European Union's Horizon 2020 research and innovation under grant agreement No. 833573

The 2nd INCLUDING Workshop is devoted to Nuclear Security issues and with a focus on maritime infrastructure. Following the two days exercise at Piraeus Port Container Terminal, the Workshop will put under the magnifying lens open issues in prevention, detection and response to Nuclear Security scenarios and primarily in designated points of entry like ports.

The Workshop has the scope to discuss:

- Strategic issues and the international legal framework
- Operational capabilities and innovation
- Cooperation between EU projects and international activities

The Workshop is upon invitation and open to practitioners, innovators, suppliers and academia with a role and interest in the subject.

**All the times in the program are in local time UTC+3**

**Location: Joint CBRN Coy premises, Chaidari, Athens, Greece**

The Workshop is organised in physical presence. Due to the particular situation with pandemic, the event will be livestreamed to interested stakeholders.

If you are interested to follow the INCLUDING 2nd Annual Workshop livestream, please contact the organizers for having the access criteria. Contact details on <https://including-cluster.eu/>



INNOVATIVE CLUSTER FOR RADIOLOGICAL AND NUCLEAR EMERGENCIES

**24/06/2021**

DAY 1 - WORKSHOP  
National and  
Kapodistrian University  
of Athens (NKUA)

**09:30 OPENING AND WELCOME**

*Prof. S. Hadjiefthymiades - National and  
Kapodistrian University of Athens NKUA  
(Greece)*  
*L. De Dominicis - Agency for New  
Technologies, Energy and Sustainable  
Economic Development ENEA (Italy)*

## **SESSION 1**

Nuclear Security in  
Maritime  
Infrastructure -  
strategic landscape

Chairperson:  
*K. Boudergui (CEA)*

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**09:45 MEASURES / PROCEDURES ON  
COUNTERING ILLEGAL TRAFFICKING  
OF RADIOACTIVE MATERIAL**

*A. Boziari, Greek Atomic Energy  
Commission EEAE (Greece)*

**10:05 ASRN AND NUCLEAR SECURITY IN  
MARITIME INFRASTRUCTURE**

*I. M. Moussa - Président de l'Autorité  
Nationale de Radioprotection de Sureté et  
de Sécurité Nucléaire ASRN (Mauritania)*

**10:20 FORENSIC ASPECTS OF CHAIN OF  
CUSTODY IN MARITIME CRITICAL  
INFRASTRUCTURE**

*A. Rizzo, ENEA (Italy)*

**10:40 NSCOE PRACTICES IN CONDUCTING  
FIELD EXERCISES**

*L. Aleksejus - Nuclear Security Centre of  
Excellence NSCOE (Lithuania)*

**11:00 COFFEE BREAK**

## SESSION 2

Nuclear Security in  
Maritime  
Infrastructure -  
operational landscape

Chairperson:  
D. Neimontaité  
(NSCOE)

### 11:15 **INCLUDING FEDERATION: MODEL & PLATFORM**

*Prof. S. Hadjiefthymiades - National and Kapodistrian University of Athens NKUA (Greece)*

### 11:45 **CRISIS MANAGEMENT RESEARCH AT FRAUNHOFER IVI**

*R. Hedel - Fraunhofer IVI (Germany)*

### 12:10 **IMMERSIVE VIRTUAL REALITY TRAINING FOR CBRN SCENARIOS**

*M. Melo - INESC TEC (Portugal)*

### 12:30 **LUNCH BREAK**

### 14:30 **OPERATIONAL ASPECTS OF CIVIL-MILITARY COOPERATION IN RADIOLOGICAL SECURITY SCENARIOS ON MARITIME ENVIRONMENT**

*S. Kolovos – Hellenic Ministry Of Defence (HMOD) (Greece)*

### 14:50 **UAVS IN MARITIME SECURITY**

*A. Nadziejko – Tekever (Portugal)*

### 15:10 **AFFORDABLE RADIATION DETECTION SYSTEM FOR UAV APPLICATIONS**

*Lt. F. Fumian - Italian Joint NBC Defence School (Italy)*

*PhD. A. Chierici - University of Rome "Tor Vergata" Industrial Engineering Dpt. (Italy)*

### 15:30 **CAEN INNOVATION IN SECURITY**

*J. Givelotti - CAEN (Italy)*



## SESSION 2

Nuclear Security in  
Maritime  
Infrastructure -  
operational landscape

Chairperson:  
D. Neimontaité  
(NSCOE)

**15:50 COFFEE BREAK**

**16:00 OPERATIONAL ACTIVITIES IN  
PREVENTING, DETECTING, AND  
RESPONDING TO A NUCLEAR  
SECURITY EVENT IN MARITIME  
INFRASTRUCTURE**

*M.M. Mounja – l'Autorité Nationale de  
Radioprotection de Sureté et de Sécurité  
Nucléaire ASRN (Mauritania)*

**16:20 TERRIFIC PROJECT: A  
COMPREHENSIVE SYSTEM OF  
ROBOTIZED INTERCONNECTED  
COMPONENTS TO SUBSTANTIALLY  
ENRICH THE EMERGENCY RESPONSE  
TO CBRNE EVENTS**

*K. Boudergui – French Alternative Energies  
and Atomic Energy Commission Cea  
(France)*

**16:40 DAY 1 WRAP UP AND CONCLUSIONS**



**25/06/2021**

DAY 2 - WORKSHOP

National and  
Kapodistrian University  
of Athens

## SESSION 3

Nuclear Security in  
Maritime  
Infrastructure -  
Collaboration among  
projects and  
international activities

Chairperson: Capt. S.  
Kolovos (HMOD)

**09:30 INSPECTION IN MARITIME  
INFRASTRUCTURE: THE C- BORD  
PROJECT**

*K. Bodor - Hungarian Academy of Sciences  
Centre for Energy Research MTA EK  
(Hungary)*

**09:50 EU- HYBNET AND LINKS WITH  
INCLUDING**

*R. Brancaleoni – Università Cattolica del  
Sacro Cuore UCSC (Italy)*

**10:10 INCLUDING CITIZENS AND  
PRACTITIONERS IN CBRNE  
RESEARCH & EXERCISES: THE  
PROACTIVE APPROACH**

*L. Petersen – International Union of Railways  
(France)*

**10:40 THE URBAN AWARE CBRN/HAZMAT  
INFORMATION MANAGEMENT  
SYSTEM FOR INCIDENT PLANNING,  
TRAINING AND RESPONSE**

*M. Purves - Riskaware (UK)*

**11:00 COFFEE BREAK**

**11:15 EXERTER**

*Kemea - to be confirmed*

**11:35 MEDICAL ASPECTS OF CBRN THREAT**

*Col A. Zafirakis, - Hellenic Army General  
Hospital (Greece)*

**11:55 WORKSHOP FINAL REMARKS AND  
CONCLUSIONS**

# PROJECT



The H2020 INCLUDING project aim is to bring together infrastructure, equipment and experts coming from Medical Organizations, Fire Corps, Government Department, Municipalities, Law Enforcement Agencies, Ministries, Governmental and Civilian Research Institutes and Industries operating in the field of radiological and nuclear (RN) emergencies from across the EU. The INCLUDING (Innovative Cluster for Radiological and Nuclear Emergencies) project pursues to develop a Federation in which individual Members will cooperate to provide a common framework to standardize access to their respective facilities, enhance interoperability and to allow a more intensive use of expensive equipment.

## INCLUDING: INNOVATIVE CLUSTER FOR RADIOLOGICAL AND NUCLEAR EMERGENCIES

Horizon 2020, Topic SU-GM01-2018-2019-2020: Pan-European clusters of practitioners and other actors in the field of Security - Innovation clusters from around Europe managing demonstration sites, testing workbenches, and training facilities.

