

Announcement & preliminary Agenda

# Workshop on Commercial-Grade Dedication for European Nuclear Regulators, TSOs and Utilities



Virtual workshop  
12-14 January 2021

The European Commission's  
science and knowledge service

Joint Research Centre

## Workshop motivation

Operators of nuclear power plants (NPPs) and nuclear facilities in Europe and other countries with established nuclear programmes are facing a number of increasing challenges related to the supply chain of safety-classified structures, systems and components (SSCs). Examples of these challenges are SSC ageing and obsolescence, loss of original equipment suppliers and the establishment of new suppliers. Recently published reports by EC-JRC and FORATOM conclude that an increased use of high-quality non-nuclear industry standard components and equipment for safety-classified applications in nuclear facilities is an appropriate way forward to support solving the supply chain challenges facing nuclear operators. A number of countries with operating NPPs have adopted an acceptance process called commercial-grade dedication (CGD) which enables the use of commercial items (high-quality non-nuclear industry standard components or equipment) in nuclear facilities. CGD is a process by which the nuclear operator or competent third party organisation acting on behalf of the nuclear operator provides reasonable assurance that a commercial item provides its intended safety function when used in safety-classified SSCs in nuclear facilities. CGD is commonly in use in e.g. the U.S., Slovenia, Spain and is currently being implemented in the Czech Republic, Finland and Sweden. However, in a number of European countries CGD is not commonly used yet or its use is not allowed due to existing regulation.

The purpose of this workshop is to inform and present to nuclear stakeholders the concept of CGD and the benefits, experience and challenges of CGD implementation. Target audience are representatives of European nuclear regulators and technical safety organisations (TSOs), as well as staff from European nuclear utilities that plan to implement CGD or used more widely. The workshop programme includes presentations from experts of utilities that commonly use CGD or are in the process of implementing CGD, as well as presentations from nuclear supply chain experts, including perspectives from a former U.S. regulator. **Representatives of European nuclear regulators and TSOs are invited to give their perspectives on CGD and thus are highly encouraged to present these in the workshop.**

Because of COVID-19 related travel restrictions the workshop will be organised virtually from January 12-14, 2021. Participation is free of charge, but requires registration via the following link and instructions:

<https://web.jrc.ec.europa.eu/remjrc/screen/meetings>

1. If you register for an EC or EC-JRC event for the first time, you need to create a registration profile (an ECAS account).
2. Enter the site using your profile, select "JRC" from the column 'JRC site'.
3. Select the name of the meeting: **WS on Commercial-grade Dedication for European Nuclear Regulators, TSOs and Utilities.**

Please note that we cannot process registrations via email, so all participants have to register online themselves. The deadline for registration is **January 8, 2021**. Login credentials to join the virtual workshop will be sent approximately 1 week before the event. For all further questions and inquiries on the workshop (including problems with registration) please contact the EC-JRC responsible Oliver Martin ([oliver.martin@ec.europa.eu](mailto:oliver.martin@ec.europa.eu)).

## Day 1, 12 January 2021

- 13:30-13:45    **Welcome & Introduction**  
Welcome from EC-ENER (XX, EC-ENER)  
Welcome from EC-JRC (C. Fazio, EC-JRC)  
Introduction of participants (if feasible)
- 13:45-15:00    **Nuclear Supply Chain Situation in Europe, Activities in this Area by European and international Organisations and Motivation of Workshop**  
Nuclear Supply Chain Situation in Europe & Motivation of Workshop (O. Martin, EC-JRC)  
Nuclear Supply Chain Activities of FORATOM (N. Paterson, FORATOM)  
Nuclear Supply Chain Activities of the IAEA (P. Pyy, IAEA)
- 15:00-15:15    Break
- 15:15-17:30    **The Concept of Commercial-Grade Dedication (CGD) and Experience from Countries with established CGD Processes**  
The Concept of CGD (J. Kickhofel, apollo+ nuclear)  
CGD – Perspectives from a former U.S. Regulator (J. Jacobson, apollo+ nuclear)  
Belgian experience with the supply of nuclear safety related equipment (D. Couplet, Tractebel-ENGIE)  
Romanian experience with CGD (I. Zaharov, Nuclearelectrica)
- 17:30            End of Day 1

## Day 2, 13 January 2021

- 13:30-15:00    **Experience from Countries that are currently implementing CGD**  
Experience from Sweden (P. Lansåker, Vattenfall)  
The KELPO Project (P. Tuominen, Fortum)  
Experience from the Czech Republic (J. Prasil, CEZ / K. Krizek)
- 15:00-15:15    Break
- 15:15-17:30    **Discussion on today's presentation**
- 17:30            End of Day 2

## Day 3, 14 January 2021

- 13:30-15:00    **Perspectives on CGD from Regulators and TSOs**  
Perspectives of regulator 1 (xx, yy)  
Perspectives of regulator 2 (xx, yy)  
...  
Perspectives of TSO 1 (xx, yy)  
Perspectives of TSO 2 (xx, yy)  
...
- 15:00-15:15    Break
- 15:15-17:30    **Final Discussion**
- 17:30            End of Workshop