

EDA EXHIBITION ON EXPLORING ADDITIVE MANUFACTURING IMPACT IN DEFENCE CAPABILITIES

12 September 2017, Gijón (ES)

Time	Title
8:30-9:30	Registration
9:30-9:40	Opening Moderator - Ms. Patricia Lopez- Project Officer on Materials & Structures Technologies-EDA
9:40-9:50	Welcome and introduction to the event Mr. Rini Goos- Deputy Chief Executive-EDA
Strategic AM frameworks	
9:50-10:10	EDA-Military Expectations around AM and planned activities Joao Castelao de Abreu - Project Officer on Ammunition and Logistic Support-EDA
10:10-10:25	ESA: Activities on AM beyond earth
10:25-10:40	European strategic vision: main activities and key projects (EC, tbc) <i>Questions round</i>
10:50-11:35 Networking coffee and visit to exhibition/EDA AM Facility	
11:35-11:50	EDA AM project results: deployability of AM to support military operations Ms. Patricia Lopez- Project Officer on Materials & Structures Technologies-EDA
11:50-12:05	Additive manufacturing technology and its potential for defence applications: A review PRODINTEC <i>Questions round</i>

MoDs experience on AM: from research to logistics

Challenges on the way towards the usage of AM for German armed forces

Dr.-Ing. Jens Holtmannspötter- Coordinator for 3D printing-Bundeswehr (German Armed Forces)-Germany

12:15-12:45

Additive manufacturing and prototyping in Maintenance, Repair and Overhaul

Captain Ernesto Bonilla-Machining Workshops Manager & Mr. David Lopez-MRO & Additive Manufacturing Aerospace Engineer- Ministry of Defense, Ejercito del Aire - Maestranza Aérea de Albacete-Spain

12:45-14:00 Networking lunch and visit to exhibition/EDA AM Facility

MoDs experience on AM: from research to logistics (cont.)

Lessons Learned on 3D-printing experiment in Mali

Drs. Ing. G. (Bart) Zwiép - Head Life Cycle Management-Groundbased Weaponsystems-Ministry of Defence-The Netherlands

14:00-14:40

Norwegian AM in-field production concept

Dr. Tom Thorvaldsen- Researcher-Norwegian Defence Research Establishment (FFI)-Norway

Questions round

AM developments in Defence and other connected sectors

14:40-14:45 Opening of the session

Moderator - Ms. Paula Queipo Rodríguez

14:45-15:00 Additive Manufacture experience in the Missile Industry

Mr. Etienne Rauscher- Head of Mechanical Technologies & Sébastien David- Metallic Material Expert- MBDA-France

15:00-15:15 Gaps and needs on the aerospace sector

Mr. Daniel Lecuru- Executive expert metallic material and process -AIRBUS Helicopters- France

15:15-15:30 The Potential for Wire + Arc Additive Manufacture for Defence Support Services

Dr. Paul Colegrove- Senior Lecturer- School of Aerospace, Transport and Manufacturing-Cranfield University-UK

Questions round

15.45

END OF THE CONFERENCE

15:45-17:15 VISITS

Container visit

Site Tour around AM equipment and facilities-PRODINTEC venue

17:15 END OF THE EXHIBITION

EDA EXHIBITION: BOOTH LIST

- FieldMade and Norwegian Defence Research Establishment (FFI) –NORWAY
- EOS-EUROPE
- RINA Consulting - Centro Sviluppo Materiali Spa-ITALY
- AITIIP Technology Center-SPAIN
- CETIM-FRANCE
- PRODINTEC Technology Center-SPAIN
- TNO-THE NETHERLANDS

AM
DEFENCE
Exhibition
Gijón 12/09/17