



Space4DigitalSupplyChain

Opportunities in ESA Business Applications

Online-Event in the framework of ESA 's Business Applications and Space Solutions
Thursday – 24 February 2022, 16:00 – 18:00 h (CET) and subsequent online networking

The pandemic has imposed stresses on all segments of the supply chain systems, particularly challenging for the delivery of sensitive goods, amongst which the pharmaceutical segment has exposed the vulnerability of the supply chain. At the core of the challenge is not only organizing the services that carry the sensitive goods, but rather making sure that every part of the supply chain is running, to avoid losses throughout the system and prevent delays that could damage the goods due to unstable temperatures.

Thus, the European Space Agency has issued an Announcement of Opportunity on “Digital Supply Chain” offering support and funding to companies, to assess the technical feasibility and economic viability of sustainable space-based applications and services (feasibility study) and to develop such services (demo project). Using space data and/or technologies, these services should contribute to solve current issues and challenges in relation to the digital supply chain.

The intended Announcement of Opportunity targets the development of services and products for supporting the digital transformation of the traditional supply chains, particularly in relation to sensitive goods transport. Among these, pharmaceuticals goods, vaccines, medical equipment, as well as luxurious but also perishable or dangerous goods, which impose specific logistics challenges. Specific attention is placed on food supply chains, pushed by the need to make global food systems more transparent, traceable, and accountable so that diseases are less likely to jump undetected from animal to human.

The online event will:

- introduce ESA Business Applications and Space Solutions,
- give an overview on the roles of partners involved,
- present the ESA BA Announcement of Opportunity "Digital Supply Chain",
- discuss needs and challenges with potential customers/users
- highlights the support available from ESA Business Applications Ambassadors and
- offers opportunities for exchange and networking with participants.



AGENDA

16:00 Welcome

Frank Salzgeber, *Head of Innovation and Ventures Office, ESA ESTEC, Noordwijk*

16:05 ESA Space Solutions Network

Teodora Secara, *Innovation and Ventures Officer, ESA Business Applications, ESTEC, Noordwijk*

16:15 Introduction to the Digital Supply Chain Call

Davide Coppola, *Business Applications Manager, ESA Downstream Business Applications, ESTEC, Noordwijk*

Presentation and discussion with customers and users on their needs and current challenges in relation to the digital supply chain call

16:20 Digital Supply Chain Challenges: the Enel example

Fulvio Spelta, *Head of New Solution for Construction, ENEL*

16:30 Digital Supply Chain Challenges: the WWF example

Alfred Schumm, *Director, Innovation, Sciences, Technologies & Solutions, WWF Deutschland*

Angela Ortigara, *Innovation, Sciences, Technologies & Solutions, WWF Deutschland*

16:40 Q & A **Kenneth Gordon**, *ESA BA Ambassador Scotland and Northern Ireland, UK*

16:55 Announcement of Opportunity „Digital Supply Chain“

Roberta Mugellesi Dow, *Business Applications Manager, ESA Downstream Business Applications Department, ECSAT, Harwell*

17:05 Q&A **Kenneth Gordon, Eleonora Lombardi, Bärbel Deisting**

17:15 ESA Business Applications

Bärbel Deisting, *German ESA BA Ambassador, Gilching, DE, Director of Space & Space Applications, bavAIRia e.V., Gilching*



17:30 Role of ESA Business Applications Ambassadors

Eleonora Lombardi, *ESA Italian BA Ambassador, Industrial Policy and Technology Transfer Manager, Fondazione E. Amaldi c/o Agenzia Spaziale Italiana (ASI)*

17:40 Role of the national delegations: German participation in ESA Business Applications - Role of the Space Agency at DLR

Anke Freimuth, *Programme Coordinator ARTES Business Applications, German Space Agency at DLR, Bonn*

17:50 Q&A

18:00 End of the online-event and opportunity for online networking

This online event is organised by the ESA BA Ambassadors of Germany, Italy, Scotland and Northern Ireland, in cooperation with the ESA Business Incubation Centre Baden-Württemberg, the ESA Technology Broker Germany, the German Space Agency at DLR and supported by the DLR INNOspace Networks.

Registration can be found [here](#) and is free of charge

Deadline of registration is 23.02.2022, 12:00 noon (CET).

Contact:

- Bärbel Deisting – German BA- Ambassador: nonstop@german-ba-ambassador.de
- Eleonora Lombardi – Italian ESA BA Ambassador:
eleonora.lombardi@fondazioneamaldi.it
- Kenneth Gordon – ESA BA Ambassador Scotland and Northern Ireland:
kenneth.gordon@strath.ac.uk