

BUILDING TRUST IN THE DIGITAL ECONOMY

Agenda

29 July 2020 | 10:30–16:30 Central European Summer Time

Zoom Link



Introduction

EO information services are undergoing a major change due to rapid technological developments. Cloud computing is now a central element of broadening the use of satellite imagery, such as Earth observation data (EO), for scientific, social and economic purposes. This shift to platform-based economy has implications concerning the scope of protection afforded by intellectual property and contract law to EO-derived products and services within the cloud computing environment.

The European Space Agency (ESA) has commissioned a team of experts to explore the legal and technical frameworks that underpin this new data and computing ecosystem. The aim of the workshop is to present preliminary findings to the relevant stakeholders and further develop important insights into business needs of EO companies.

Throughout focused sessions, panel discussions and break-out rooms we will informally assess the existing initiatives and articulate recommendations to increase users' confidence in adequate protection for their products and services in the cloud. This will provide the basis for identifying potential constraints or gaps in legal protection required for upscaling commercial use of EO data, as well as opportunities provided by technical solutions, such as using blockchain to record transactions, which will be tested in the technical implementation phase of the project. We further envisage the workshop to harness the involvement across legal, EO, blockchain and cloud computing communities, users and contributors.

10:30 – 10:40	<p>Welcome</p> <p>Craig Jacobs <i>Director of Business Development, Argans</i></p> <p>Anna Burzykowska <i>Technical Officer, European Space Agency</i></p> <p>Ian Walden <i>Professor of Information and Communications Law and Head of Centre for Commercial Law Studies, Queen Mary University of London</i></p>
Session 1 State of Play – Navigating the Legal Landscape	
10:40 – 11:00	<p>The scope of legal protection available for EO-derived products and services</p> <p>Michaela MacDonald <i>CCLS</i></p>
11:00 – 11:30	<p>Panel discussion – The limits and constraints of applicable laws with regards to the EO sector</p> <p>Moderator: Michaela MacDonald <i>CCLS</i></p> <p>David Musker <i>CCLS</i></p> <p>Joanne Wheeler <i>Alden Legal</i></p> <p>Adina Gillespie <i>GHGSat</i></p>
11:30 – 12:00	<p>Panel discussion – Business needs of EO companies with regards to legal protection of EO-derived products and services</p> <p>Moderator: Martin Jones <i>ARGANS</i></p> <p>Emmanuel Pajot <i>EARSC</i></p> <p>Cristoforo Abbattista <i>Planetek</i></p> <p>Andreas Walli <i>Geoville</i></p>
12:00 – 12:10	Coffee and tea break
12:10 – 12:40	<p>Moderated break-out room discussions</p> <p>How can the law address business needs of EO companies in the cloud computing environment?</p>
12:40 – 13:00	Q&A session
13:00 – 14:00	Lunch break
Session 2 Bridging the gaps – The Role of Technology	
14:00 – 14:20	<p>Protecting innovation, collaboration and IP through technology – where are we at?</p> <p>Keir Finlow-Bates, <i>ARGANS Blockchain Specialist, Chainfrog CEO & Founder</i></p>
14:20 – 14:50	<p>Panel discussion – How can blockchain and smart contracts facilitate more effective IP protection?</p> <p>Moderator: Anthony Day <i>IBM</i></p> <p>Samson Williams <i>University of New Hampshire, Space Channel</i></p> <p>Chris Reed <i>CCLS</i></p> <p>Leslie Gale <i>Space Applications Services NV/SA</i></p>
14:50 – 15:20	<p>Panel discussion – Building trust in cloud computing platforms for Earth Observation</p> <p>Moderator: Antoine Mangin <i>ACRI-ST and CTEP</i></p> <p>Frederic Vallois <i>Thales Alenia Space (DIAS)</i></p> <p>Nuno Catarino <i>DEIMOS Portugal (TEP)</i></p> <p>Ian Walden <i>CCLS</i></p>
15:20 – 15:30	Coffee and tea break
15:30 – 16:00	<p>Moderated break-out discussions – Case studies (notary stamping and evidence trail; data and software provenance; smart contracts for IP royalties distribution and pricing)</p>
16:00 – 16:20	Q&A session
16:20 – 16:30	<p>Closing remarks</p> <p>Craig Jacobs and Michaela MacDonald</p>