

## CIPL's Emerging Technologies Project

### 2022 Project Plan

#### CIPL PROJECT AND DELIVERABLES

The ongoing digital transformation of our economy and society will continue to be driven and enabled by a constant stream of new and emerging technologies whose efficacy depends on having access to large volumes of personal data. These technologies often raise significant and constantly changing data protection implications and challenges. In many cases, new technologies also provide new technological solutions to these very challenges. Through our work stream on emerging technologies, CIPL will continue to shine a light on such emerging technologies, the data protection challenges they pose, or the solutions they provide to address specific privacy and data protection concerns.

In addition, in the context of our work on emerging technologies we will also continue to monitor and analyze any tension that may arise between the operational realities of these new technologies and existing as well as upcoming laws and regulations, which may not have anticipated certain technological developments and, therefore, may be ill-equipped to provide an appropriate regulatory framework. Our project is designed to provide a platform for our members, technologists, and other relevant stakeholders to discuss these issues through both virtual and in-person roundtables and working-calls. Technologies we will focus on include:

- AI & Machine Learning (e.g. federated learning and synthetic data)
- Metaverse & VR technologies (e.g. in the context of social media platforms and gaming)
- Cloud-based services & Data localization
- Autonomous vehicles
- Internet of Things (e.g. smart cities, quantum computing, encryption, anonymization)
- Blockchain Technologies (e.g. NFTs, exchange platforms, smart contracts)
- Central Bank Digital Currency

#### PROJECT ACTIVITIES AND INITIATIVES

- Continue our **Privacy Tech working group** to track and monitor developments in privacy enhancing technologies and convene periodic calls and roundtables for compliance, policy and tech leaders from CIPL member companies to discuss specific ways in which these technologies help address important privacy and data protection concerns;
- **Engage with technologists and other stakeholders** (regulators, policymakers, think tanks, academics or other leading organizations (i.e., ICO, IEEE, NIST)), and **respond to relevant public consultations**, on issues relating to new and emerging technologies that pose significant and novel data protection and privacy challenges;

- **Monitor regulatory developments** around the world (e.g. Digital Markets Act, Digital Services Act, Data Act, UK Data Reform, China Personal Information Protection Law, US state-level regulations) and consider their application to new and emerging technologies and any associated data protection challenges;
- **Identify new research and expertise** concerning emerging technologies to further develop CIPL's understanding of the issues, inform our thinking on related policy issues, and to select our priority areas;
- Add an **AI and Emerging Technologies Fellow** to our staff to increase our in-house expertise regarding new technologies;
- **Engage globally with all relevant stakeholders on innovative ways to address privacy risks arising from the use of new technologies** (e.g. facial recognition technologies, AR and VR);
- **Work with international standards bodies and relevant regulatory networks** to help shape global tech standards and policies impacting data protection; and,
- **Promote the use of regulatory sandboxes** to enable organizations develop innovative, accountable and privacy compliant technologies and services with formal input from regulators.

## PROJECT TEAM AND MORE INFORMATION

**Markus Heyder**, CIPL's Vice President and Senior Counselor, and **Burak Haylamaz**, CIPL's Privacy Analyst, will be the main points of contact for this project.

CIPL is excited to launch this special project. To learn more about participating in this initiative, please contact Michelle Marcoot at [mmarcoot@HuntonAK.com](mailto:mmarcoot@HuntonAK.com).