



SOCIETAL IMPACT

G20 Global Smart Cities Alliance, World Economic Forum, Geneva

The G20 Global Smart Cities Alliance on Technology Governance collaborates with governments, private-sector partners, and city residents around a shared set of principles for responsible and ethical use of smart city technologies. It establishes global policy norms, accelerates best practices, and fosters public trust. The alliance, with experts worldwide, develops Policy Roadmaps for responsible, ethical smart cities. Currently, 36 pioneer cities have validated the roadmaps, and many are implementing their policies globally.

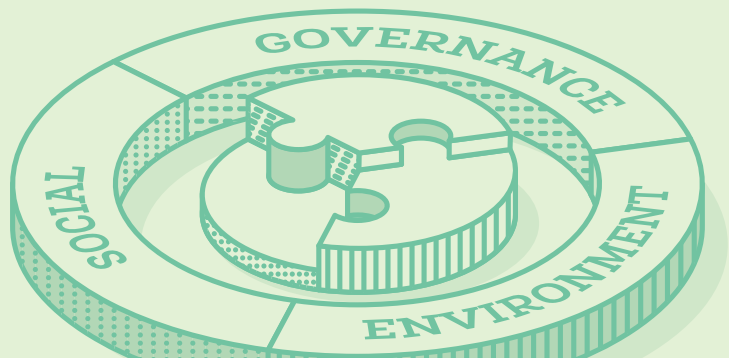


Model Policy - Privacy Impact Assessment (2023)

Professor Yarime contributed to developing the Model Policy for Privacy Impact Assessment. When deploying innovative smart city technologies, a city needs to work to find a fair balance between gathering information to provide needed services and protecting the public’s privacy. He collaborated with the task force members from academia, industry, and government across the globe to develop privacy impact assessments that consist of a set of processes to identify and manage privacy risks throughout the complete data life cycle, from collection through disposal. The PIAs are currently helping smart cities in various countries increase transparency and accountability, support public trust, mitigate potential privacy harms, improve compliance and reduce legal risk, and enable more confident and consistent decision-making about data and technology by city officials, their partners and the public.

Primer for Smart City Public-Private Collaborations (2023)

Professor Yarime contributed to developing the Primer for Smart City Public-Private Collaborations. As smart city plans need large investments that are difficult to finance with traditional public funds, public private collaborations are a feasible choice for tackling public financing shortages and expenditure reduction. He collaborated with task force members coming from academia, industry, and government to examine the underlying potential for PPCs in a smart city context and address various issues associated with PPCs, from policy considerations to implementation issues. The primer helps key stakeholders in the public and private sectors in smart cities understand the basic structure of a successful PPC policy framework and a full overview of the primary characteristics of PPCs that impact the policy framework’s nature. It supports a robust public-private collaboration framework in the digital transformation of infrastructure to increase efficiency, experience, safety, sustainability and resilience.



A Global Architecture for Artificial Intelligence, Technical Note, United Nations University Centre for Policy Research, New York (2023).

This Technical Note is an effort to consolidate some of the key questions surrounding global AI governance today, in order to inform the UN's efforts in this domain. It builds out the third recommendation of Shift 6, put forward in the report of the UN's High-Level Advisory Board (HLAB) on Effective Multilateralism, entitled: A Breakthrough for People and the Planet, published in 2023. The recommendation calls for a multilateral agreement on a timeline for a global architecture for AI design, development, and use based on common standards and approaches. This technical note is informed by the workshop held at the United Nations University Centre for Policy Research (UNU-CPR) in July 2023, which involved over 30 academics and UN thought leaders. Professor Yarime attended the workshop and contributed to the technical note on *A Global Architecture for Artificial Intelligence*

The Presidio Recommendations on Responsible Generative AI, World Economic Forum in collaboration with AI Commons (2023).

On 26-28 April 2023, the summit "Responsible AI Leadership: A Global Summit on Generative AI" took place at the World Economic Forum's Centre for the Fourth Industrial Revolution based in the Presidio in San Francisco, USA. The event was hosted by the Forum in partnership with AI Commons to guide technical experts and policy-makers on the responsible development and governance of generative AI systems. The summit emphasized the importance of open innovation and international collaboration as essential enablers for responsible generative AI. The focus was on moving beyond insightful discussions to generate actionable and practical recommendations for various AI stakeholders that could significantly influence the design, construction and deployment of generative AI. Over 100 AI thought leaders and practitioners participated in the summit, including chief scientific officers, responsible AI and ethics leads, academic leaders, AI entrepreneurs, policy-makers, tech investors and members of civil society. Participants engaged in discussions on numerous aspects of generative AI's design, development, release and societal impact, and deliberated on key recommendations. Professor Yarime participated in the summit and contributed to the *Presidio Recommendations on Responsible Generative AI*.

Hong Kong ESG Reporting Awards (HERA), Hong Kong (2023)

The Hong Kong ESG Reporting Awards (HERA) recognizes companies that demonstrate commitment at attaining environmental sustainability of their businesses. HERA has been the platform that facilitates transitions to sustainability and leads companies towards best industry ESG practices. HERA covers the overall best ESG report, GRI reporting, ESG governance, positive social and environmental impacts, carbon neutrality, most improved, and best newcomer award. Professor Yarime contributed to assessing ESG reporting of companies as a member of the Judging Panel. He collaborated with the members of the Judging Panel coming from industry and civil society to evaluate the performance of ESG reporting of companies with regard to eight criteria for sustainable business practices. HERA created a network of professionals committed to accelerating the sustainability agenda in Hong Kong, mainland China, and beyond.