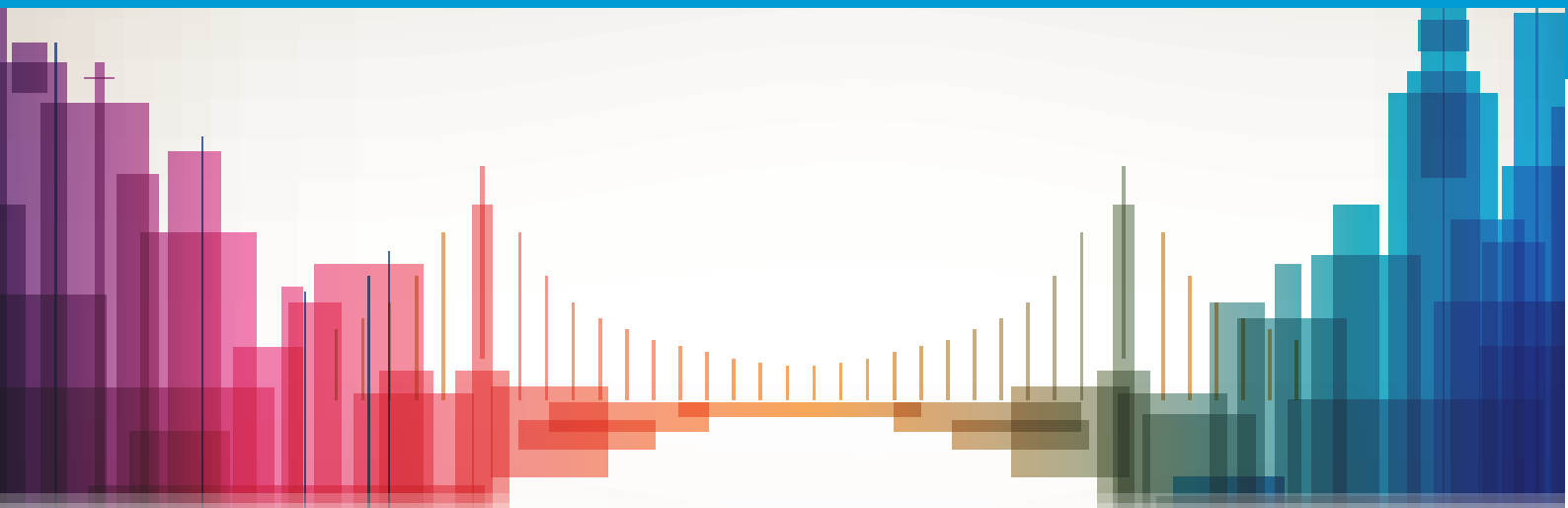


Buenos Aires, Argentina

Case study of the U4SSC Guiding principles for artificial intelligence in cities



Convention on
Biological Diversity



UNITED NATIONS

ECLAC



Food and Agriculture Organization
of the United Nations



United Nations
Economic Commission for Africa



UNECE



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UN HABITAT
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Department of
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Social Affairs

UN OFFICE  PARTNERSHIPS 



UN WOMEN 



WORLD
METEOROLOGICAL
ORGANIZATION



ION

REDUCED
EQUALITIES

11 SUSTAINABLE CITIES
AND COMMUNITIES



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



PEACE, JUSTICE
AND STRONG
INSTITUTIONS



17 PARTNERSHIPS
FOR THE GOALS



THE
FOR

Buenos Aires, Argentina

Case study of the U4SSC
Guiding principles for artificial
intelligence in cities

Foreword

This publication was developed within the framework of the United for Smart Sustainable Cities (U4SSC) initiative.

Acknowledgments

The case study of Buenos Aires, Argentina, was reviewed by Okan Geray.

Okan Geray wishes to thank the U4SSC management team: Okan Geray (U4SSC Chair), Ramy Ahmed Fathy, Giampiero Bambagioni, Paolo Gemma, Wendy Goico Campagna, Tania Marcos and Emily Royall (U4SSC Vice-Chairs) for their assistance and contributions.

The author also extend their gratitude to the contributing organizations along with their representatives: Oliver Hillel from the Convention on Biological Diversity (CBD), Lucy Winchester and Vera Kiss from the Economic Commission for Latin America and the Caribbean (ECLAC), Simone Borelli from the Food and Agriculture Organization (FAO), Cristina Bueti from the International Telecommunication Union (ITU), Deniz Susar from United Nations Department of Economic and Social Affairs (UNDESA), Iryna Usava from the United Nations Development Programme (UNDP), James Murombedzi from the United Nations Economic Commission for Africa (UNECA), Guilherme Canela from the Regional Bureau for Sciences in Latin America and the Caribbean of the United Nations Educational, Scientific and Cultural Organization (UNESCO), Martina Otto and Sharon Gil from United Nations Environment Programme (UNEP), Matthew Ulterino from the United Nations Environment Programme Finance Initiative (UNEP-FI), Motsomi Maletjane from the United Nations Framework Convention for Climate Change (UNFCCC), Pontus Westerberg from the United Nations Human Settlements Programme (UN-Habitat), Gulnara Roll from the United Nations Economic Commission for Europe (UNECE), Katarina Barunica Spoljaric and Nicholas Dehod from the United Nations Industrial Development Organization (UNIDO), William Kennedy from the United Nations Office for Partnerships (UNOP), Naci Karkin from the United Nations University - Operating Unit on Policy-Driven Electronic Governance (UNU-EGOV), Sylvia Hordosch from the United Nations Entity for Gender Equality and the Empowerment of Women (UN-Women), Alexander Baklanov from the World Meteorological Organization (WMO) and Sandra Carvao from the World Tourism Organization (UNWTO).

Disclaimer

The opinions expressed in this publication are those of the authors and do not necessarily represent the views of their respective organizations or U4SSC members. In line with the U4SSC principles, this report does not promote the adoption and use of any smart city technology. It advocates for policies encouraging responsible use of ICTs that contribute to the economic, environmental, and social sustainability as well as the advancement of the 2030 Agenda for Sustainable Development. The study conducted in this report is based on extensive literature review and voluntary written contributions from stakeholders.

ISBN

978-92-61-38141-7



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1 Introduction

Buenos Aires is a populous city and also the capital city of Argentina. The city is considered the epi-centre of commerce, industry, politics, culture, and technology in the country. Buenos Aires accounts for nearly 85 per cent of the tech hub activity in Argentina.

2 Background & context

Argentina is in the process of adopting a National AI Plan, a plan to facilitate AI use in the public and private sectors. This plan is intended to fall under the Innovative Argentina 2030 Plan and the 2030 Digital Agenda.

In alignment with the Sustainable Development Goals, Argentina, through its AI National plan, wants to promote the development of an AI ecosystem in the country, keeping in mind the ethics and data protection requirements in the centre of its development.

3 AI principles in the city

3.1 AI principles (adopted by the city)

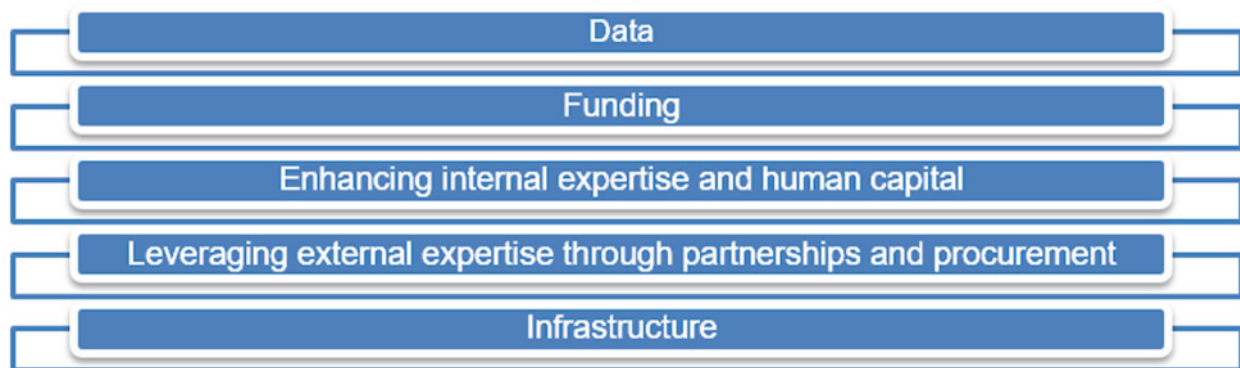
The main principles and aspects Argentina's National AI Plan include:

- Promoting and encouraging the adoption of AI for an agile, efficient and modern State, capable of delivering measures relevant to growth and development objectives;
- Guaranteeing solutions to the needs of inhabitants by providing more and better services, and acting as a key factor in the promotion of AI-based technology and the transformation of the country; and
- Increasing the State's productivity and efficiency through targeted AI solutions; use traceable AI systems with well-founded and transparent logics; and ensure standardised, efficient and successful AI purchasing and implementation processes.

The Attorney General's Office of the City of Buenos Aires aims to transition to a "digital bureaucracy" integrating AI systems to facilitate, simplify and accelerate interactions and tasks exponentially. These systems are anticipated to be deployed in all public offices.

On the travel front, Passenger Predictability solutions have been deployed in the Aeroparque Jorge Newbery and Aeropuerto Internacional Ezeiza, to improve passenger flow in security, immigration, baggage hall and border control. The system is able to monitor passenger movement, and offers live and predictive insight into patterns and provide insights on predicted wait times.

Figure 1: AI Principles Enablers (adopted by the city)



3.2 AI principles governance mechanism (adopted by the city)

The main principles and action lines and commitments for AI adoption in the city and Argentina at large include:

- Data:
 - Strengthening incentives and mechanisms for opening, re-using and sharing data in the public, private and academia sectors; and
 - Identifying and generating mechanisms to make available critical public and private data for the development of AI.
- Implementation in the public sector:
 - Increasing productivity and efficiency through the implementation of focused AI solutions;
 - Optimizing public services using traceable AI systems, with well-founded and transparent logics that do not adversely affect the rights of inhabitants; and
 - Defining public procurement methodologies and processes for AI.
- Infrastructure:
 - Promoting the generation of a public supercomputer cluster to guarantee international level processing capacity for public and private users, seeking to establish cooperation mechanisms to support AI scientific research and the development of pilots in strategic areas of the public sector.
- AI Innovation Lab:
 - Building an AI Innovation Lab as a public-private organisation for open innovation, collaboration among sectors and the development of targeted projects.

3.3 Policy instrument for ai principles (adopted by the city)

In relation to Buenos Aires transition to adopting AI across sectors, will be governed by the National AI Plan, which will focus on the following:

- Generating the conditions for AI development and use in the public sector to maximize economic impact, with a particular focus on building an AI ecosystem;
- Minimizing the risks of AI development and implementation;
- Promoting the development of talent oriented towards AI; and
- Promoting collaboration within government and with other sectors around AI.

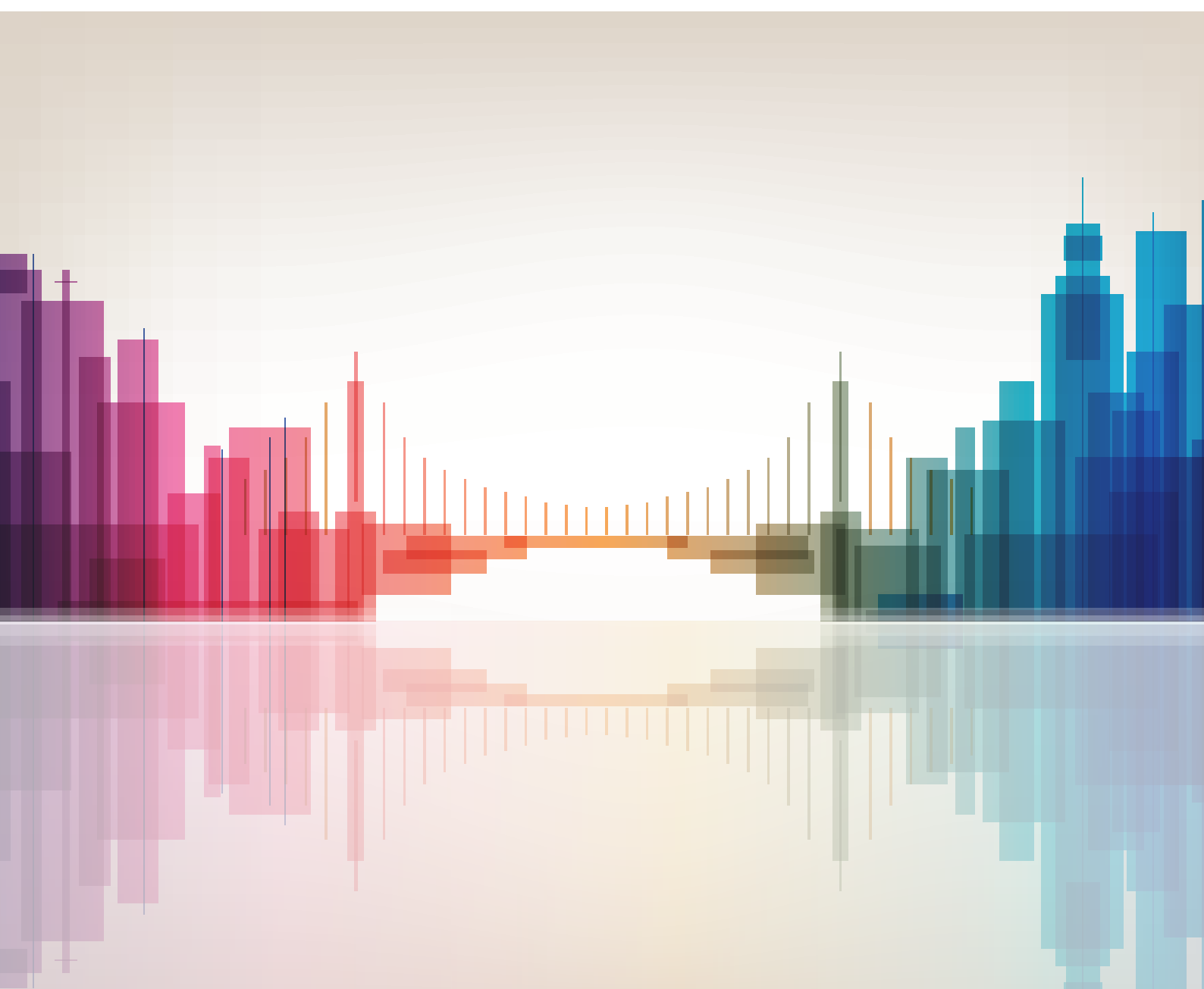
4 Conclusion

Argentina's AI National Plan is expected to contribute to overall sustainable growth and the improvement of equal opportunities through AI-based technologies across sectors, positioning the country as a regional AI leader and also serve as an example for other cities and countries in Latin America to adopt similar policies to support sustainable urbanization.

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ISBN: 978-92-61-38141-7



9 789261 381417

Published in Switzerland
Geneva, 2024

Photo credits: @AdobeStock