



# City Innovation Snapshot CURITIBA, Brazil

## Overview

- ▶ **Mayor:** Rafael Greca de Macedo
- ▶ **Term:** 2017-2020
- ▶ **Innovation Lead:** Cris Alessi
- ▶ **Population size:** 1.93 million (2019)
- ▶ **Innovation / open data website:**  
[www.curitiba.pr.gov.br/dadosabertos](http://www.curitiba.pr.gov.br/dadosabertos)  
[www.valedopinheiro.com.br/en](http://www.valedopinheiro.com.br/en)

## What is the organisational structure?

Curitiba's innovation work is sprinkled throughout the municipal administration. Although Curitiba has an Agency for Development and Innovation, city staff working on innovation are not restricted to working in this department.

Staff skills and profiles include:

- Project Manager
- Data Scientist
- Strategic Communications / Marketing
- Engineer
- Community Engagement



## Spotlight

In 2018, Curitiba enshrined its innovation goals and strategy into a law developed within the Pinhão Valley programme. The Innovation Law was approved by city council and sanctioned by the mayor of Curitiba after being developed with inputs from local universities and industry associations. The law aims to promote innovation and technological research by enabling Curitiba to establish tax incentives, enter into public private partnerships with firms and universities, develop innovation and technology projects, and access various types of funding. Curitiba believes that partnering with local technology, research, and investment resources will increase its ability to bring innovative change to residents.

## What is the city's innovation vision?

Like 50% of cities surveyed, Curitiba has a **formal innovation strategy**.

The city most closely associates innovation capacity with:

- **Human-centred design**
- **Innovation ecosystem**

## What is the city's innovation approach?

Similar to more than half of cities surveyed, Curitiba approaches innovation capacity **both from a holistic / macro level and in specific policy areas**.

The top two priority policy areas for the city's innovation work are:

**Economic  
Development**

**Government  
Finance**

## What innovation partnerships exist?

Curitiba has developed partnerships to **promote innovation capacity** with other public agencies, private firms, not-for-profit organisations, and city residents/resident associations.



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## What funding is available?

Like 81% of cities surveyed, Curitiba has dedicated funding to support innovation capacity, which comes from the following sources:

- **International/multilateral institution budget**
- **Municipal budget** (city council approved funds / special funding process)
- **External (non-public) funding** (private / philanthropic or non-profit / academic or think tank resources)



## How is innovation helping the city?

- ✓ **Gaining efficiency within the public sector**
- ✓ **Generating new sources of revenue or resources for the city**
- ✓ **Simplifying administrative procedures for firms and residents**

The most critical success factors in supporting the city's innovation work are **dedicated funding, a focus on metrics, a dedicated innovation team, support from the broader community, and leadership from the Mayor**. Curitiba also attributes success to other factors such as **policies to disseminate the culture of innovation among citizens and staff training on partnerships and financing opportunities**.



## How is data used?

Curitiba currently uses data on the population (growth, age, density), health, education, and revenue sources to help define its municipal budget. Challenges preventing the use of data to support innovation goals include a **lack of technical infrastructure, insufficient staff capacity to collect and analyse data as well as limited compatibility of data across policy areas**.

Curitiba maintains a **comprehensive data inventory** to make data more accessible, **publishes open data online**, and **provides clear how-to guidance** to help residents access and use city data.



## How are outcomes measured?

Policy areas **with sufficient data** or **without sufficient data** to support innovation capacity in the city.

Transport / Mobility	Economic Development	Housing	Policing and Law Enforcement	Health
Government Finance	Waste and Sewage	Labour Market and Skills	Environment and Climate Change	Education
Culture	Social Inclusion, Equity	Public Works	Tourism	Digital Governance