

#### SUPPORTING LATIN AMERICA'S FIRST BICYCLE AVENUE IN BOGOTÁ, COLOMBIA

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Funding partners:









### **Cities need support**



Cities are at the forefront of efforts to tackle climate, producing over 75% of the world's GHG emissions.

Enormous investment is required in sustainable infrastructure to keep warming to below 2°C

# \$1,000,000,000,000

between now and 2050 is needed across all C40 cities

\$375,000,000,000

alone is needed before 2020



### **Barriers to Action**

The most significant barrier to action by cities is **insufficient access to finance for urban infrastructure projects**, particularly for innovative projects addressing climate change.

This barrier is particularly severe in cities in the Global South, where limited capacity prevents cities from:

- Accurately costing and scoping projects, especially large infrastructure projects
- Designing self-supporting or profit-yielding climate change projects
- Understanding the business considerations necessary to allow private sector investment in projects
- Understanding what risks the private sector can or will take



### **C40 Cities Finance Facility**

- Launched at the C40 Forum during COP21 in Paris in December 2015 by BMZ, C40 and IADB
- Overarching aim: Support C40 cities in developing and emerging countries to reduce greenhouse gas (GHG) emissions and increase climate resilience by mobilising finance for city-level climate action





# IMPACT

To support the development of **low-carbon** and **climate resilient infrastructure** in C40 Cities in developing countries.

Projects are selected that provide the following benefits:

- Increased access to employment, particularly for the urban poor
- Poverty reduction
- Economic growth
- Increased job opportunities
- Improved air quality
- Improved public health



### **Project Development Phase Support**

Enabling Environment	<ul> <li>Supporting legislation, regulation and institutional reforms</li> <li>Capacity building</li> <li>Consensus building</li> </ul>
Project definition	<ul> <li>Definition of service need / identification of desired outputs and project partners</li> <li>Prioritisation vs. other projects</li> <li>Examination of various alternatives (reconfiguration, new assets)</li> <li>Pre-feasibility studies</li> </ul>
Project feasibility	<ul> <li>Organisational / administrative</li> <li>Financial / financial modelling</li> <li>Economic / social / environmental / technical / engineering</li> <li>Cost-benefit analysis</li> </ul>
Project structuring	<ul> <li>Public / private options assessment</li> <li>Project finance options</li> <li>Legal structuring / technical / engineering</li> </ul>
Transaction	<ul> <li>Project financing (ongoing)</li> <li>Legal structuring (ongoing) / technical / engineering (ongoing)</li> <li>Procurement</li> </ul>
Post- implementation	<ul> <li>Monitoring</li> <li>Evaluation</li> <li>Renegotiation / refinancing</li> </ul>
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The CFF provides support primarily in the **Structuring** and **Transaction** stages of the Project Development Process.

In certain exceptional cases support will be provided for the earlier **Project Feasibility** stage.

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# Bogotá, Colombia: Bicycle Highway "Quinto Centenario"

- 26km from Bogotá's low-income south to the high-income north (→ employment opportunities)
- Connecting public spaces and main water bodies
- Estimated emission reductions of 67,500 tons of CO<sub>2</sub>e from 2017 to 2030
- Est. 34,000 trips in peak hours
- Est. project value: min. €8 million up to €67 million ("ideal" scenario)



In bold: Main factors addressed in
the design of Quinto Centenario

2. Rain 38% 36% **3.** Distance 4. Personal safety 17%

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Potential cyclist doesn't bike due to:	%	
1. Road safety issues	54%	

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Criticism by cyclists	%
1. Personal safety	56%
2. Road safety issues	53%
3. Car behaviour	42%
4. Contamination	39%
5. Bad cycleway design	37%

Motivation of cyclists	%
1. Getting in shape	44%
2. Health	28%





### **Success factors**

- Political support by Mayor Peñalosa and across city departments
- Participatory approach including academia and civil society groups
- Complementary partnerships with local and regional actors
- Coordination supported by local Senior Project Adviser (SPA)



# Thank you!



Funding partners:





Implementing agencies:







# **OBJECTIVES**



#### PROJECT PREPARATION of urban climate change investment projects for sustainable financing

We aim to achieve a multiplier of developing infrastructure with 50x the value of the support provided by the CFF.



#### KNOWLEDGE SHARING

beyond CFF partner cities via peer-to-peer learning and CFF stakeholders

We draw upon the expertise of the wider network of 90 C40 cities and our partners to ensure the latest thinking and approaches are integrated into projects, develop new tools and share the knowledge gained through the project



#### CAPACITY DEVELOPMENT

of city administrations to mobilise and access a broad range of financing instruments

A city capacity assessment conducted identifies the particular areas of strength and weakness in the city administration and delivers a plan to address these.



#### PARTNERSHIPS between cities, investors/financiers and their representations

Our partners provide a wide range of expertise and support to enhance the effectiveness and impact of the projects supported, complementing the direct technical assistance cities receive.



# **CFF Modes of Support**

- CFF supports it's partner cities through technical assistance
- CFF works through the project teams of our partner cities
- CFF doesn't finance works or investment costs

