

# How Does Disclosure Drive Climate Action?

GPI Energy Innovation Celebration

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CDP Cities North America  
October 11, 2017

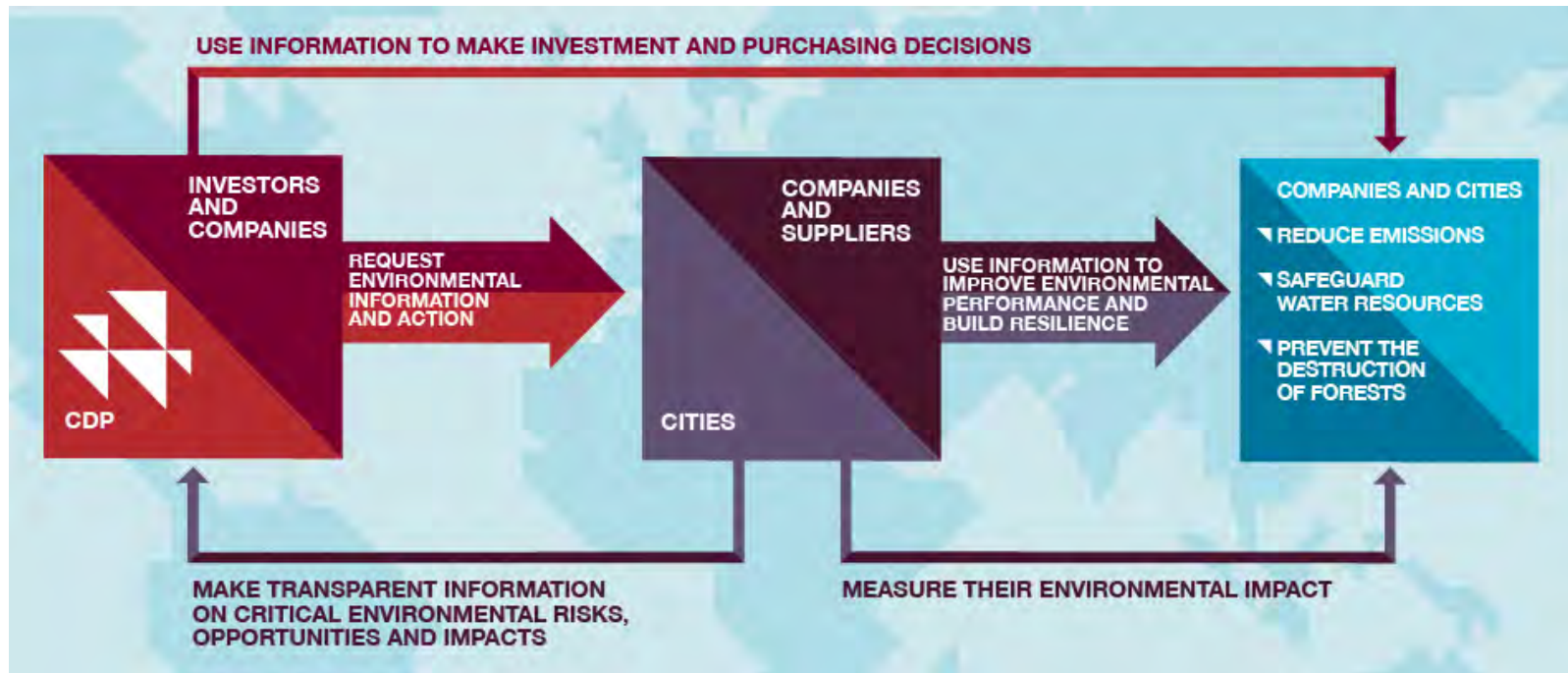
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# Agenda

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- ▼ Introduction to CDP
- ▼ Corporate overview
- ▼ Cities, states and regions overview
- ▼ City questionnaire
- ▼ Services & Tools
- ▼ Potential for collaboration with businesses

# How we create change



# CDP is the only global environmental disclosure platform



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# Why is disclosure important?

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- ▼ Measurement
- ▼ Benchmarking
- ▼ Accountability



You can't manage what you don't measure.



# CDP's wider work





# CDP for Companies

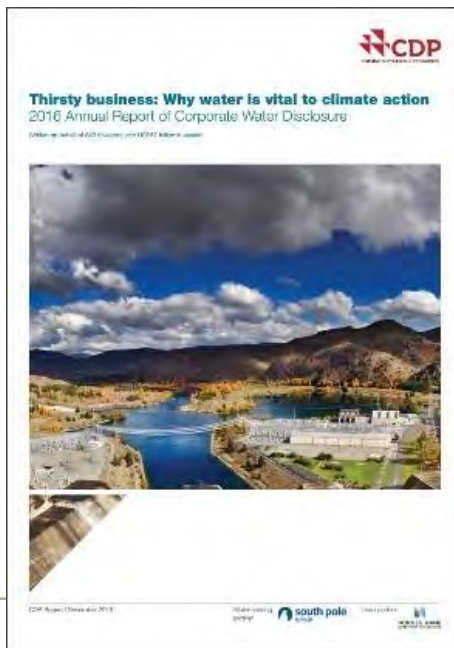


# CDP programs

## Climate change



## Water



## Forests



# Communicate to 800+ CDP investor signatories

## Better Information, Better Investments

Case studies from global investors on how CDP data and services support smarter investment decision-making



- ▼ Analyze climate, water and forests risks and management
- ▼ Create low carbon funds
- ▼ Reduce footprint of portfolio
- ▼ Identify engagement priorities
- ▼ Picking climate winners & losers
- ▼ Platform for collaborative action



Environment Agency  
Pension Fund

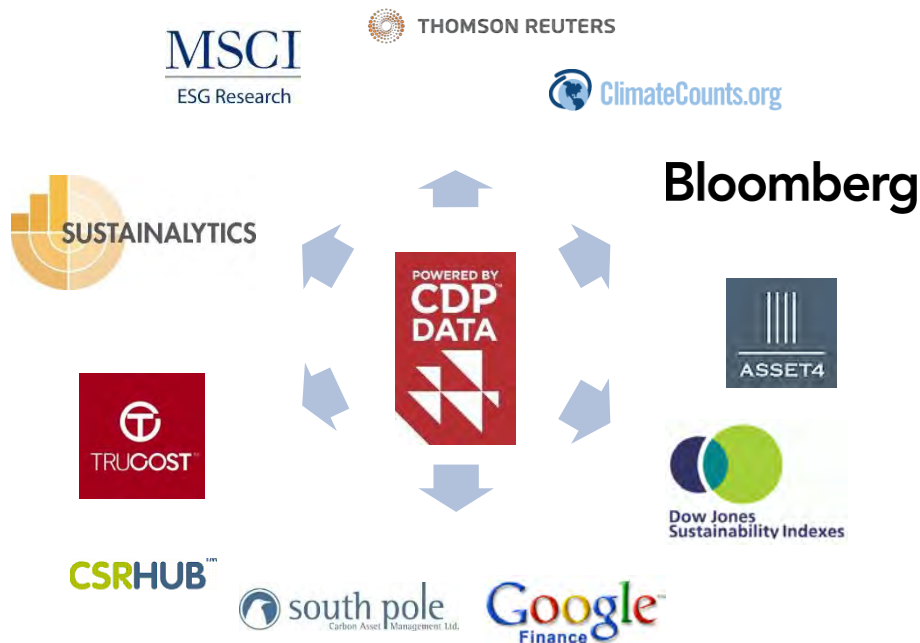


Schroders

NEUBERGER BERMAN

# Communicate to the broader ESG marketplace

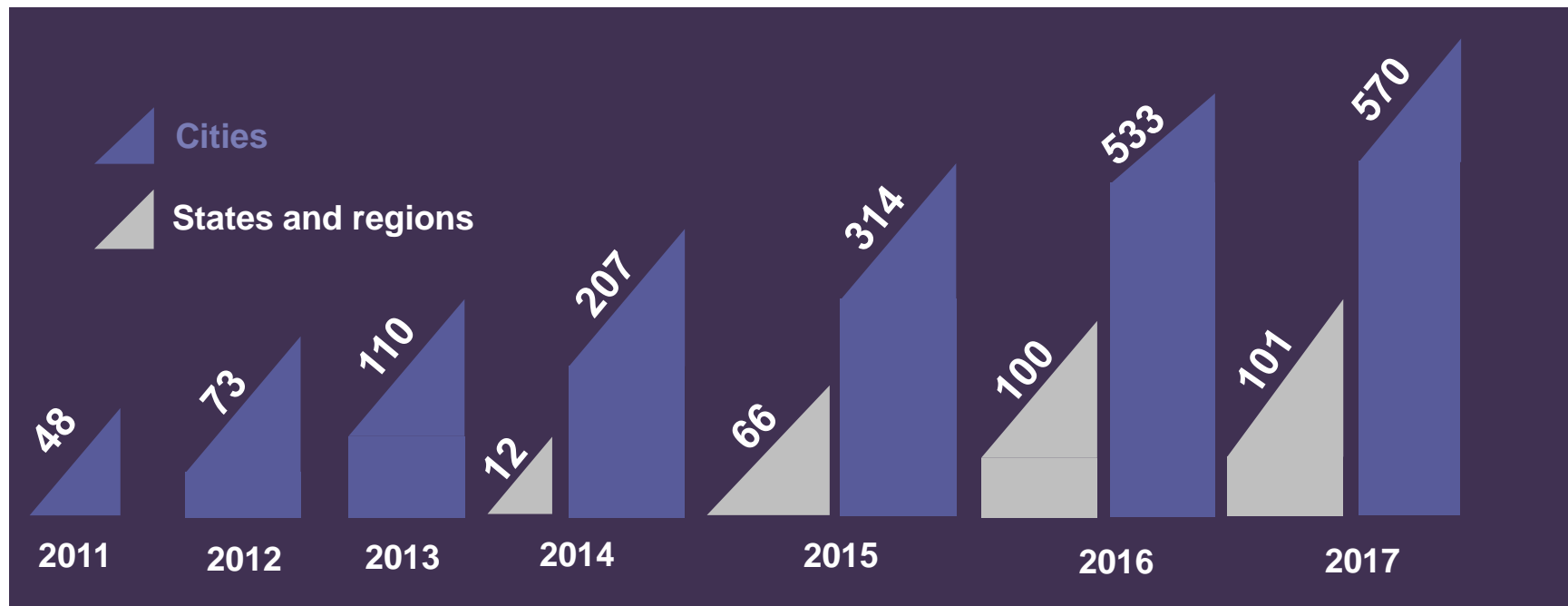
CDP corporate data powers ESG research, data products, indices and ratings / rankings to companies, investors and consumers.





# CDP Cities, States and Regions

# 70% increase since the Paris Agreement was adopted



# Disclosure Driving Cities' Targets



of first-time cities  
disclosers have emissions  
reduction targets



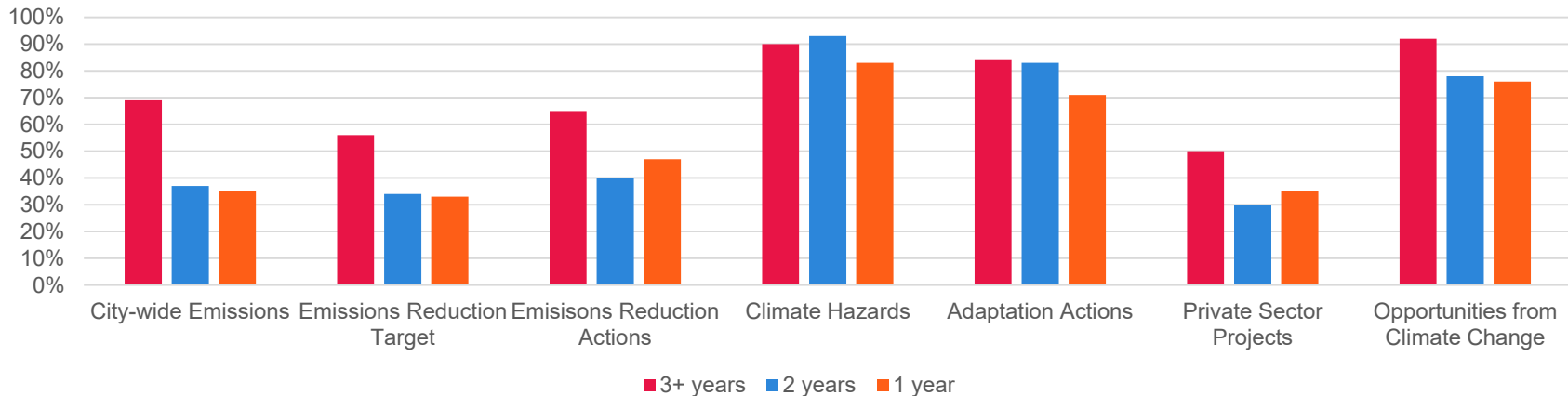
of second-time cities  
disclosers have emissions  
reduction targets



of third-time or more  
cities disclosers have  
emissions reduction targets

# Cities that disclose through CDP take more action

Percentage of cities taking action by number of years reporting to CDP



Cities that have disclosed to CDP for 3 years or more, report significantly higher levels of emissions measurement and management data, risk recognition and adaptation actions and opportunities.

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# States and Regions

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- ▼ The Compact of States and Regions is the first dedicated reporting mechanism for states, provinces and regions to showcase and analyze their climate efforts.
- ▼ In one year, the Compact of States and Regions received the support of 44 governments.
- ▼ It has since grown to 101 governments, representing over 450 million people and US\$13 trillion in GDP



# Cities use CDP as a tool to...

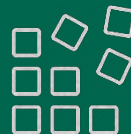
Engage other  
city  
departments  
and agencies



Track your  
city's progress  
annually



Compile all  
your  
environmental  
data in one  
place



Engage with  
businesses in  
your city



# Benefits of disclosing to CDP Cities

## Leadership

Commit to the Compact of Mayors through CDP to showcase your leadership and innovation, using international standards.



Climate action data reported to CDP is showcased on the UN's Non-State Actor Zone for Climate Action (NAZCA) website.

## Use CDP cities as a tool to...



Engage other city departments



Track your city's progress annually



Compile all your environmental data in one place

## Access to a global network

Join an ambitious global group who are setting bold commitments to act on climate change.



**Over 500 cities,  
Over 100 states & regions,  
Over 5,800 companies**  
report to CDP.

## Engage with businesses

**\$36 billion**  
The total cost of 1,005 climate-related projects seeking private sector involvement

**64%**  
of cities are collaborating with businesses on climate action

**1,000+**  
economic opportunities identified by cities

**299**  
cities identified opportunities to develop new business industries

## Insights and Analysis



Provides you with all public data



Receive an evaluation of your response



Benchmark your performance against peers



Find areas of opportunity

## Climate finance

Understand how major investors are engaging with environmental issues.



Connect to  
**827 private investors**  
worth more than  
**\$100 trillion in assets**

## Easy to report



Free and voluntary to report



No methodology prescribed



Public or private disclosure

## Improve your climate strategy

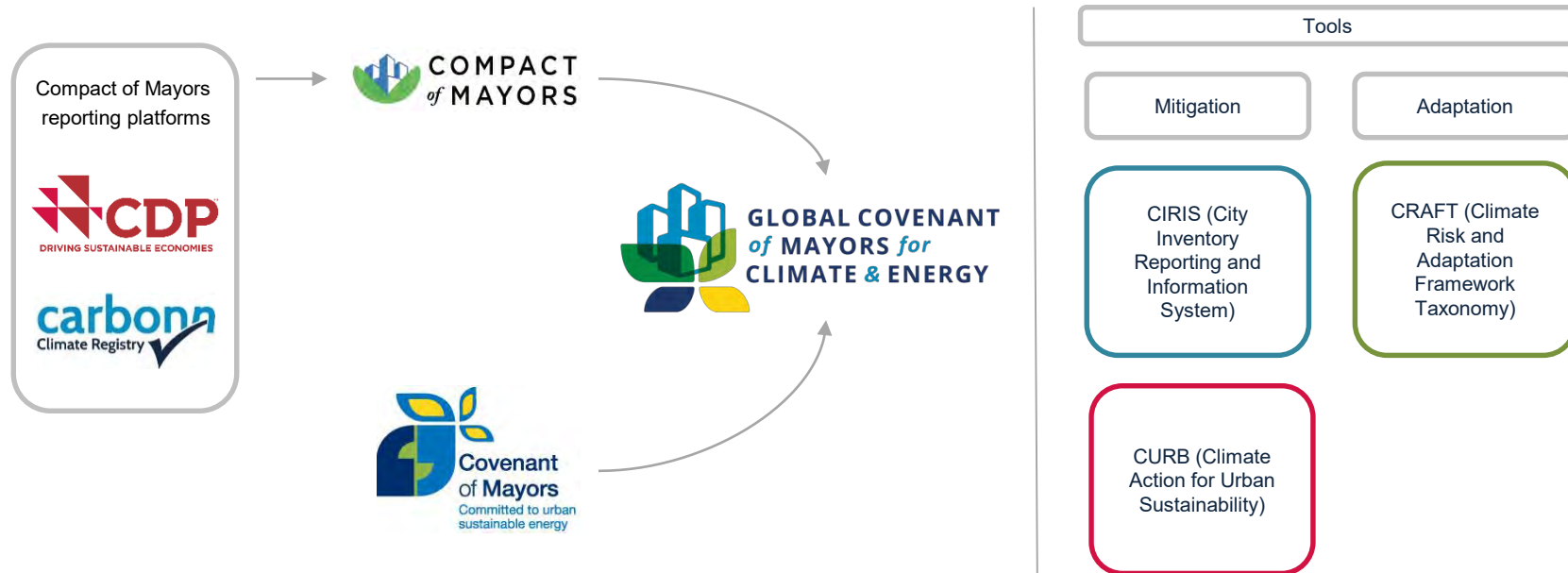


*By reporting to CDP we are able to identify areas where we are need to implement strategies and ensure that adequate plans and actions are developed.*

**Pietermaritzburg,  
South Africa**



# Overview of the cities climate reporting space






# 2017 Water Infographic



<https://www.cdp.net/en/research/global-reports/cities-infographic-2017>

[illegible]

# PROTECTING OUR CAPITAL

How climate adaptation  
in cities creates a resilient  
place for business

Based on the CDP responses  
from 207 global cities

© 2014 CDP  
www.cdp.net  
with US EPA and UNEP  
cdp.net/2014

Report available  
electronically through  
the CDP by  
AECOM



CDP  
DRIVING SUSTAINABLE ECONOMIES

# CDP Cities Questionnaire

# Timeline to Report Next Year

| Deadline                            | Date              |
|-------------------------------------|-------------------|
| All cities receive invitation email | February 2018     |
| System opens                        | Mid March 2018    |
| Response check deadline             | End of April 2018 |
| Final response deadline             | End of June 2018  |

# Easy to report



Get support on reporting

Public or private disclosure

Free and voluntary to report



# Questionnaire

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Governance

Risks &  
Adaptation

Opportunities


Emissions –  
Local  
Government  
Operations

Emissions -  
Community

Strategy

Water

Covenant of  
Mayors



# CDP Cities Services and Tools

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# Response Check

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- ▼ Supports cities interested in completing a thorough and accurate response prior to submission deadline
- ▼ Delivered by CDP's accredited service providers
- ▼ Offers one hour of in-depth technical consultation

# City Inventory Reporting and Information System (CIRIS)

|       |              |        |           |             |               |       |
|-------|--------------|--------|-----------|-------------|---------------|-------|
| CIRIS | Introduction | Set-up | Inventory | Calculators | Results       | Notes |
|       | Summary      | Graphs | Overview  | Analysis    | Net emissions |       |

## SUMMARY

|                 |   |                     |           |
|-----------------|---|---------------------|-----------|
| NAME OF CITY:   | Autonomous City of Buenos Aires , Argentina | POPULATION:         | 3,079,071 |
| BOUNDARY:       | BASIC                                       | LAND AREA (km2):    | 202.04    |
| INVENTORY YEAR: | 2013  | GDP (US\$ million): | 79,384    |

| tCO2e   | BASIC          | Scope 1    | Scope 2   | Scope 3   |
|---|----------------|------------|-----------|-----------|
|  | Stationary     | 3,759,290  | 3,899,062 |           |
|  | Transportation | 4,012,435  | 78,893    |           |
|  | Waste          | 55,390     |           | 1,726,222 |
|  | IPPU           |            |           |           |
|  | AFOLU          |            |           |           |
|  | Other Scope 3  |            |           |           |
|  | TOTAL          | 13,531,292 |           |           |



# City Inventory Reporting and Information System (CIRIS)

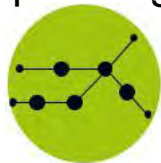
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- ▼ Based on the [Global Protocol for Community-scale Greenhouse Gas Emission Inventories \(GPC\)](#) standard, the tool facilitates transparent calculation and reporting of emissions for all sectors
- ▼ Five calculators to facilitate calculation of emissions from typically challenging sources:
  - Fugitive losses from gas distribution
  - Solid waste landfill
  - Biological treatment of waste
  - Waste incineration
  - Wastewater
- ▼ Emission Factor database—to support inventory development
- ▼ Compliant for the Covenant of Mayors' reporting requirements
- ▼ To download CIRIS please [click here](#)

# Climate Risk and Adaptation Framework and Taxonomy (CRAFT)

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A standardized reporting framework that enables cities to perform robust and consistent reporting of local climate hazards and impacts, risk and vulnerability assessment, and adaptation planning and implementation as part of their compliance with the Compact of Mayors



**Profile the City**—characteristics that influence city resilience and adaptation planning

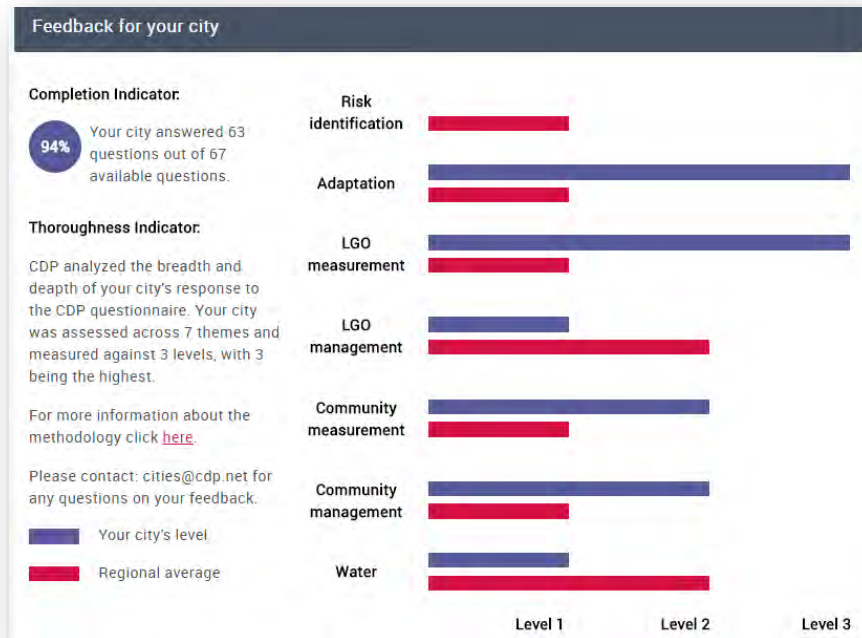


**Understand the Problem**—current vulnerability assessment process, current and future risks, and underlying factors that affect adaptation



**Plan, Respond and Monitor**—climate adaptation planning process, and how the city is evaluating the outcoming of the adaptation efforts

# Feedback for cities



- ▼ Private to your city
- ▼ Use to improve your data quality each year
- ▼ Access via dashboard and snapshot report

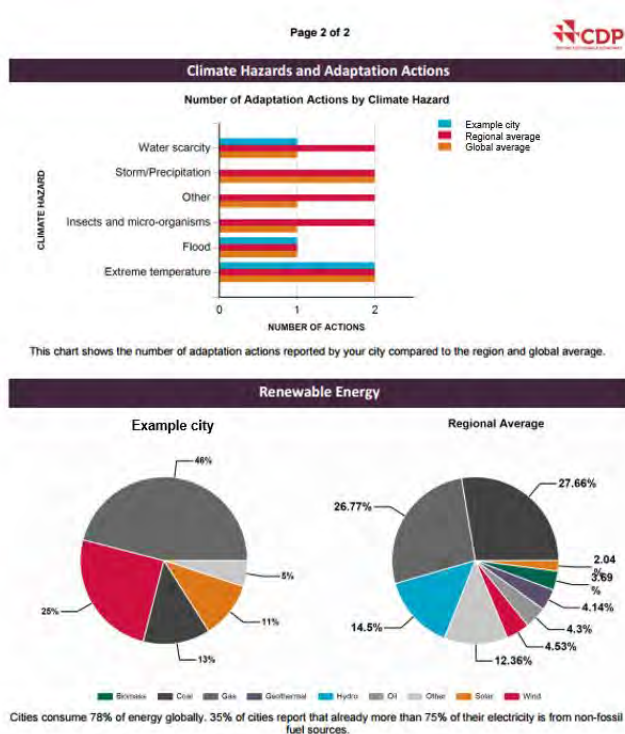
## Completion indicator:

- ▼ Shows the number of questions you have answered

## Thoroughness indicator:

- ▼ Measures the quality of your data against key criteria

# City Snapshot Report






# InFocus Reports

- Given to cities who are excelling in climate disclosure
- These cities produced the highest quality response for their submission to CDP



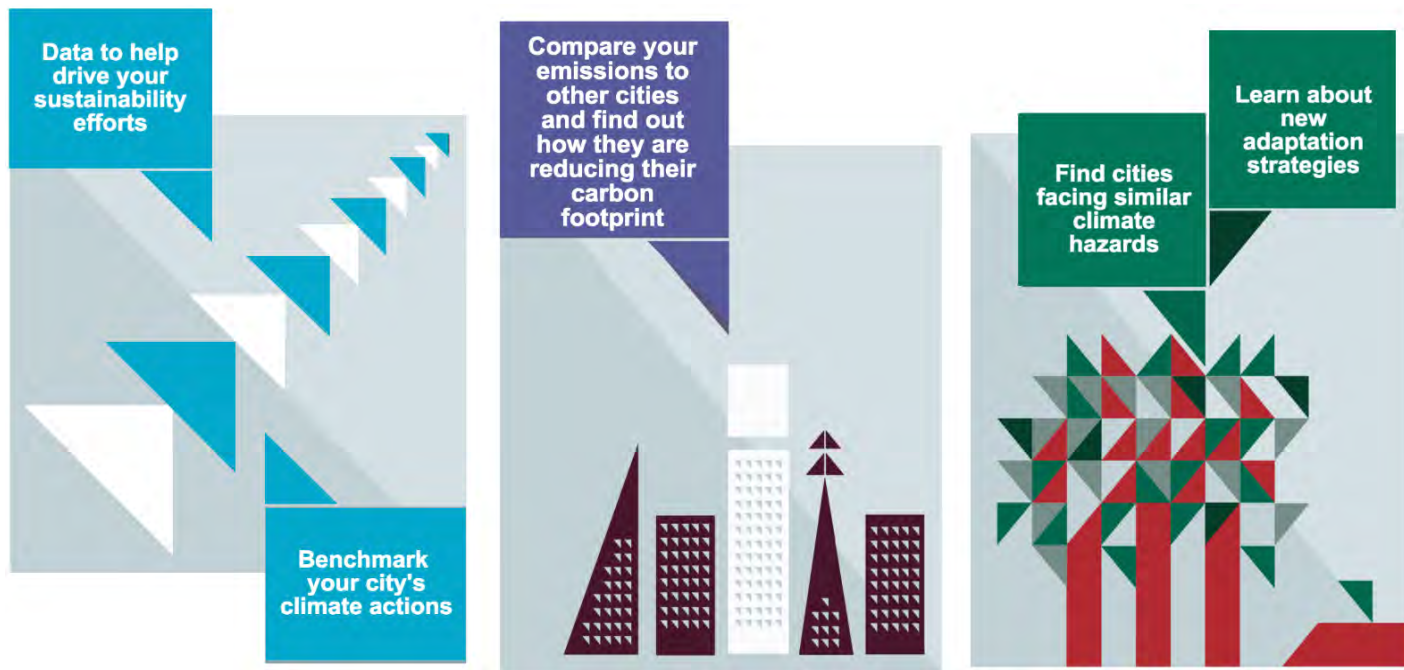


Cities Analytics is our first stop when researching what other cities are doing, how they do it, and their progress. We are able to find new strategies and compare how our implementation stacks up with other leading cities. Most importantly, it demonstrates that cities are not isolated in their efforts.

Tom Herrod, Climate & GHG Program Administrator  
Denver, Colorado, USA



# Cities Analytics



# Functionality in Analytics

## Filters

Filter by city, region, reporting year, network and others



## Additional data

“Click to see the data” and you can see additional information



## Change chart type

At the top right corner of the chart, click “Change chart type”



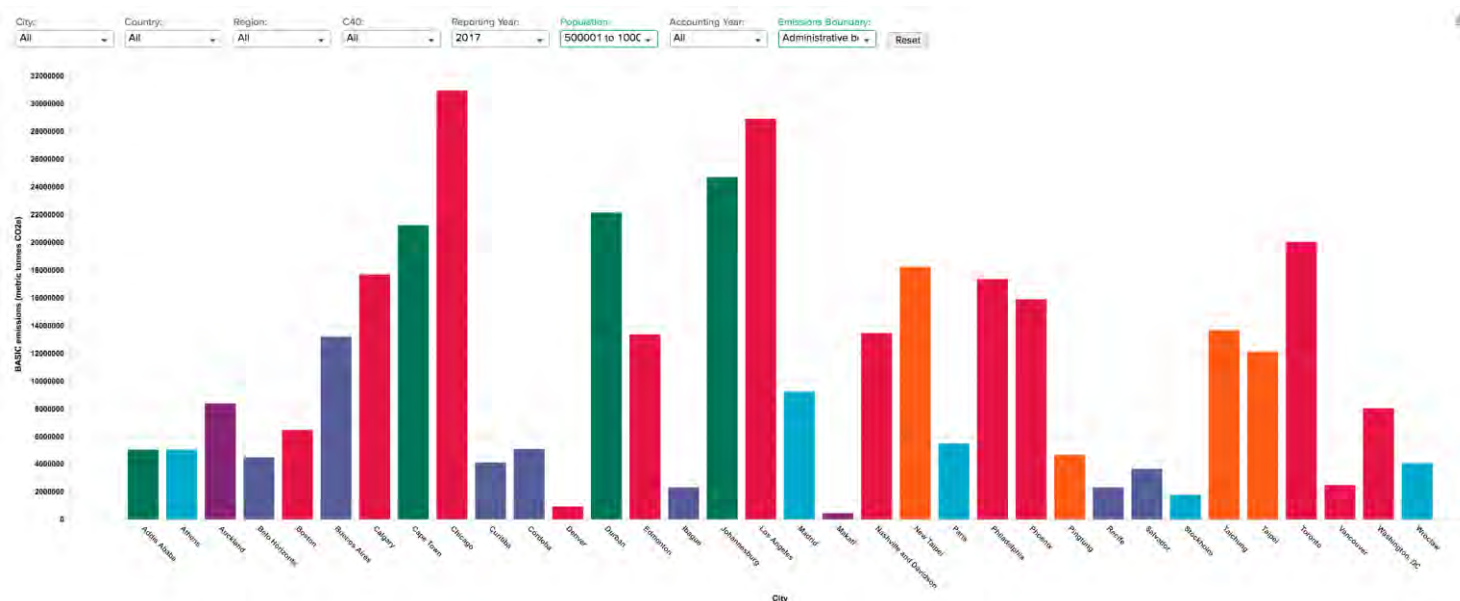
## Export charts

At the top right corner of the chart click “Export”



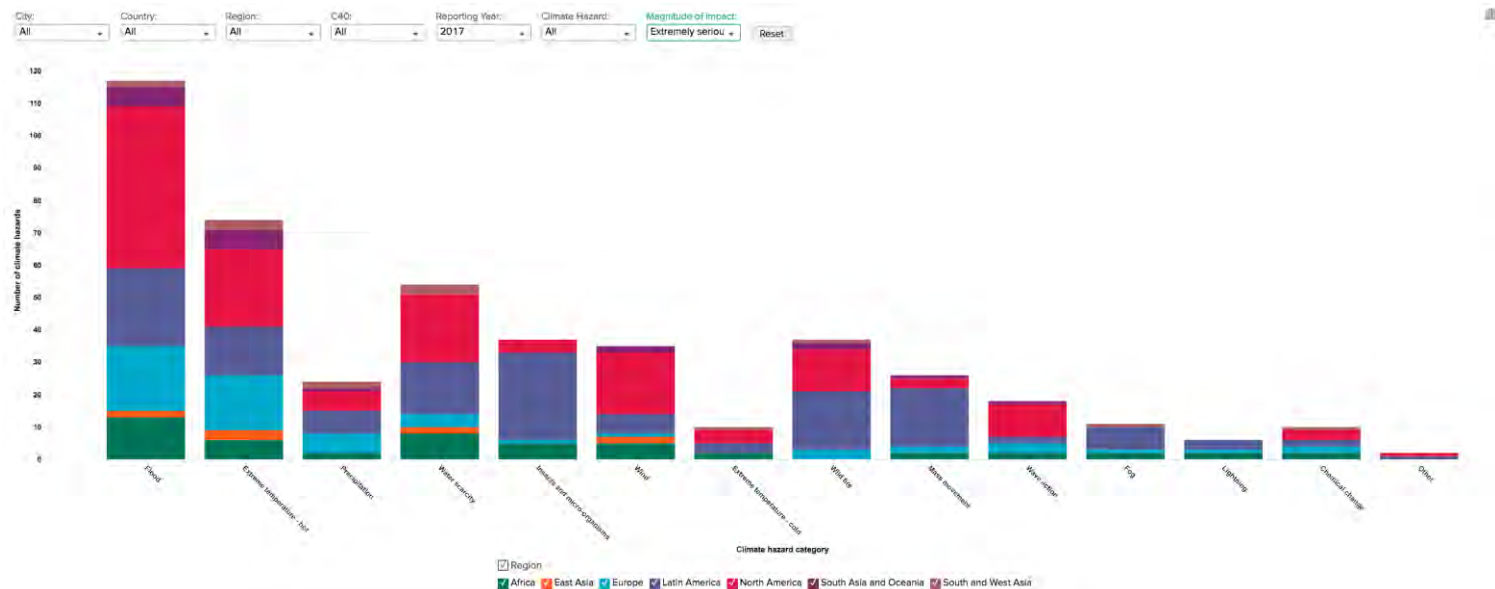
# Benchmark your emissions to other cities

## Community-wide emissions, GPC methodology



# View cities risk profiles

## Extremely serious climate hazards





## Matchmaker:

*Ensure cities have sufficient access to the private capital they need to meet ambitious climate goals*

# Matchmaking helps overcome barriers



**362 Cities**

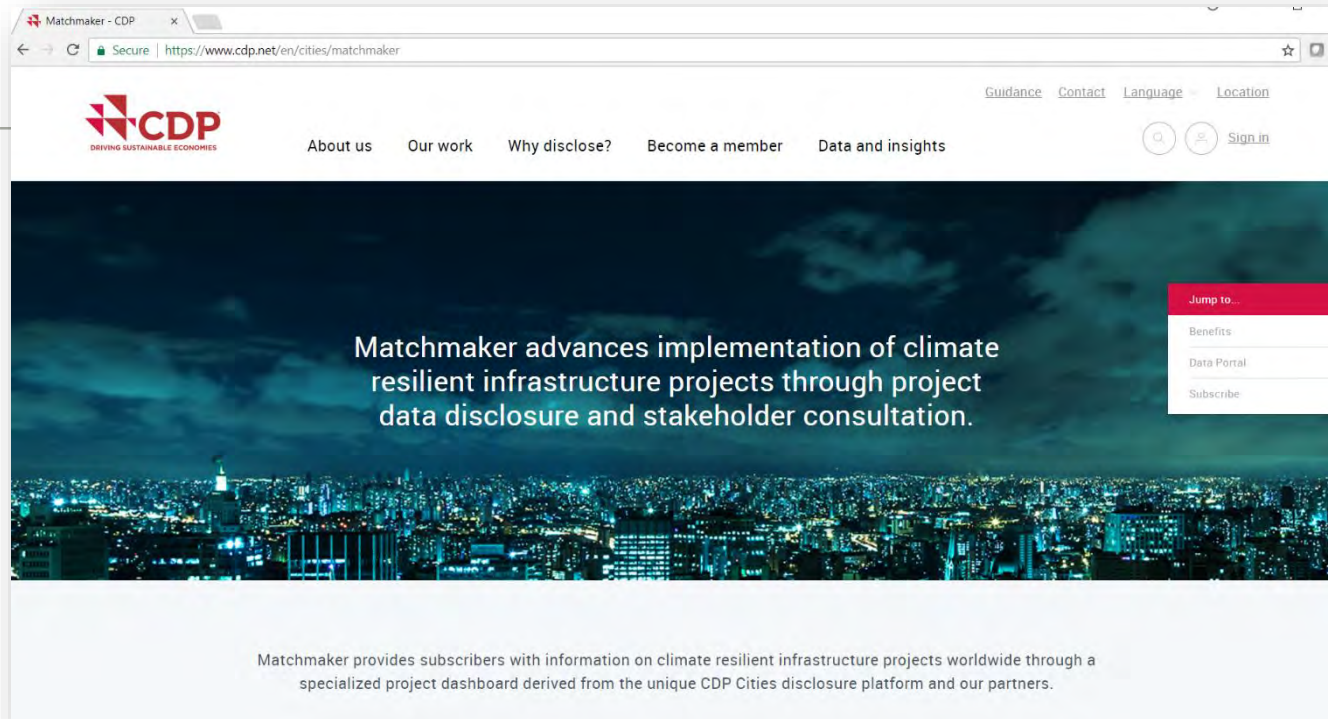
Reported project  
data in 2017



**827 Investors**

Backed CDP's efforts in 2017  
worth more than US\$100  
trillion in assets





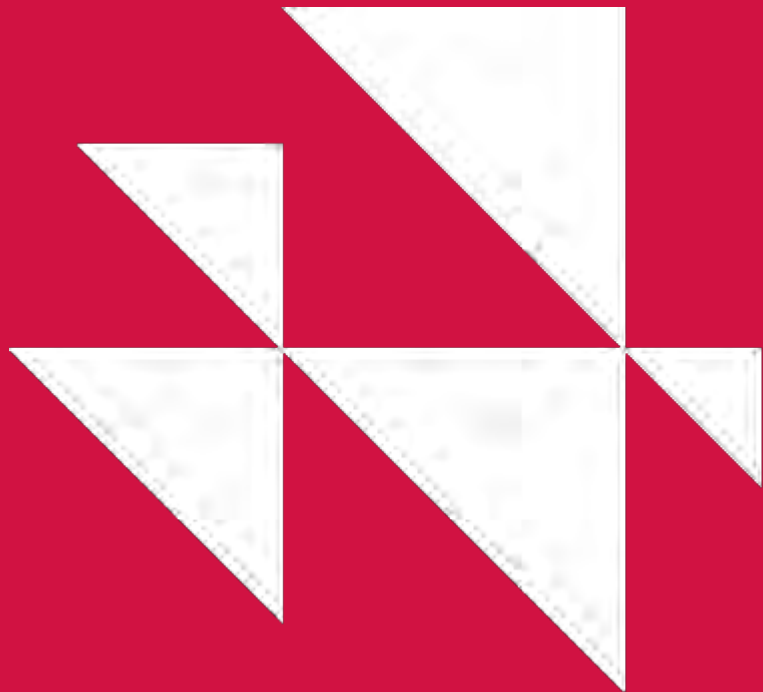
▼ <https://www.cdp.net/en/cities/matchmaker>

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# How to Participate in Matchmaker for your City

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- ▼ This fall: email [climateprojects@cdp.net](mailto:climateprojects@cdp.net) for the intake form
- ▼ Spring 2018 & later: report to the CDP Questionnaire—to receive access for your city, email [citiesNA@cdp.net](mailto:citiesNA@cdp.net)



# Questions?

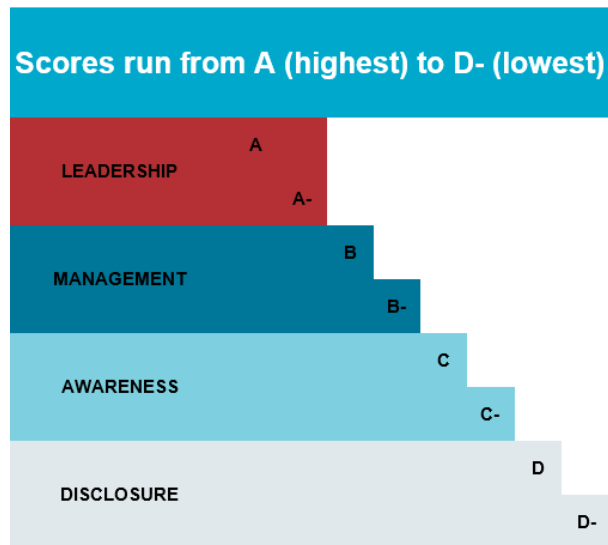
*Amy Kao*  
*Amy.kao@cdp.net*  
*CDP Cities North America*

# Collaboration between Cities and Companies

# Using CDP responses to screen partners

## ▼ Identify transparent/responsible companies by:

- Do they disclose to CDP?
- What is their CDP score?
- What commitments have they made?



# What commitments have they made

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- ▼ WMB overview
- ▼ RE100: Partner with these companies to set and achieve city level emissions reduction targets
- ▼ Science-Based Targets
- ▼ Responsible Policy Engagement: Indication companies value how their activities affect climate policy



# Getting a picture of disclosure in your city

▼ CDP can provide you with a snapshot of company response status

## Minneapolis

### **Ameriprise Financial, Inc.**

▼ Climate Change

### **Cargill**

▼ Climate Change | Forests

### **General Mills Inc.**

▼ Climate Change | Forests | Water

### **Target Corporation**

▼ Climate Change | Water

### **U.S. Bancorp**

▼ Climate Change

### **Xcel Energy Inc.**

▼ Climate Change | Water

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# Identifying shared location-based risks

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- ▼ Physical risks from climate change affecting corporate operations in your city/region
- ▼ Location-based risks affecting operations around a particular river basin
- ▼ Identification of common risks → basis for public/private partnerships



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# In Summary

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- ▼ Nearly 6,000 companies globally disclose to CDP
- ▼ You can use corporate data disclosed to CDP to identify opportunities for collaboration with companies
- ▼ The nexus of corporate and city data disclosed to CDP can serve as a platform for strengthening public private partnership to achieve global climate targets

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# Discussion Questions

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- ▼ Where is this process are you when it comes to disclosing?
- ▼ What are barriers you are facing to managing and measuring risk?
- ▼ What are commitments you are hoping or planning to make, and how can these align?