

CDP

International climate reporting for cities

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CITIES ARE AT THE FOREFRONT OF THE CLIMATE EMERGENCY

Cities account for up to

70%

of global emissions and home to

55%

of the global population, cities are at the forefront of this challenge.

Climate action by cities with populations over 100,000 could deliver

40%

of global emissions reductions needed to limit warming to

1.5°C

By focusing on actions across energy, buildings, transport and waste, cities could achieve

90%

of emissions reductions needed to stay in line with the Paris Agreement goals.

ABOUT CDP



CDP is a global environmental impact non-profit working to secure a thriving economy that works for people and planet.



Information is the fundamental basis for action. We help cities, companies and investors to measure, understand and address their environmental impact.



The world's economy looks to CDP as the gold standard of environmental reporting with the most comprehensive dataset on city and corporate action.



We aim to make environmental reporting mainstream and provide detailed insights to drive action for a climate safe, water secure, deforestation free world.

ABOUT CDP

In 2020:



590+ investors with US\$110 trillion in assets



150+ supply chain members with over US\$4.3 trillion in purchasing power



9,000+ companies responded through CDP



800+ cities disclosed environmental information



120+ states and regions measured their environmental impacts

FINNISH DISCLOSERS



PORVOO



TURKU



ESPOO
ESBO

LAHTI



6 cities



ETELÄ-POHJANMAAN LIITTO
REGIONAL COUNCIL OF SOUTH OSTROBOTHNIA



Regional Council of
NORTH KARELIA



4 regions



Helsinki-Uusimaa
Regional Council



INSIGHTS FROM 2020 CITIES DISCLOSURE

49%

of cities have a climate action plan

45%

of cities have a city-wide emissions reduction target

67%

of cities have a city-wide inventory

68%

of cities have taken emissions reduction actions

68%



66%



74%



78%



100%



100%



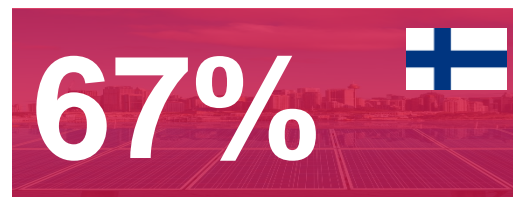
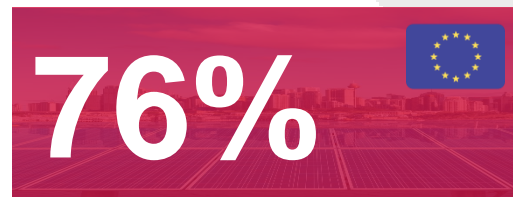
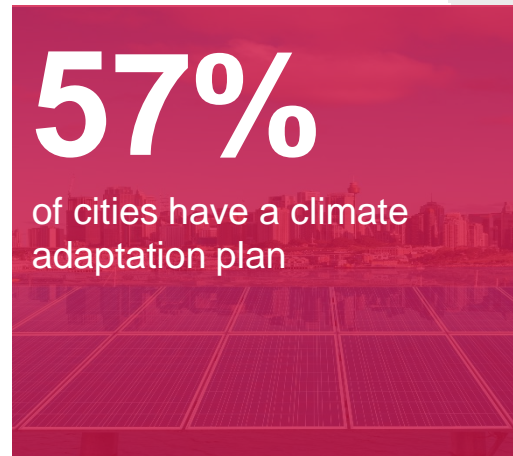
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INSIGHTS FROM 2020 CITIES DISCLOSURE



INSIGHTS FROM 2020 CITIES DISCLOSURE

Top 5



Mitigation actions reported by cities are:

- Energy efficiency / retrofit measures
- Low or zero carbon energy supply generation
- Improve fuel economy / reduce CO2 from motorized vehicles
- LED / CFL / other luminaire technologies
- On-site renewable energy generation

Top 5



Adaptation actions reported by cities are:

- Flood mapping
- Tree planting and/or creation of green space
- Incorporating climate change into long-term planning documents
- Community engagement/education
- Crisis management including warning and evacuation systems

Top 5



- Low or zero carbon energy supply generation
- Energy efficiency / retrofit measures
- Improve fuel economy / reduce CO2 from motorized vehicles
- Improve rail, metro, and tram infrastructure, services and operations
- On-site renewable energy generation

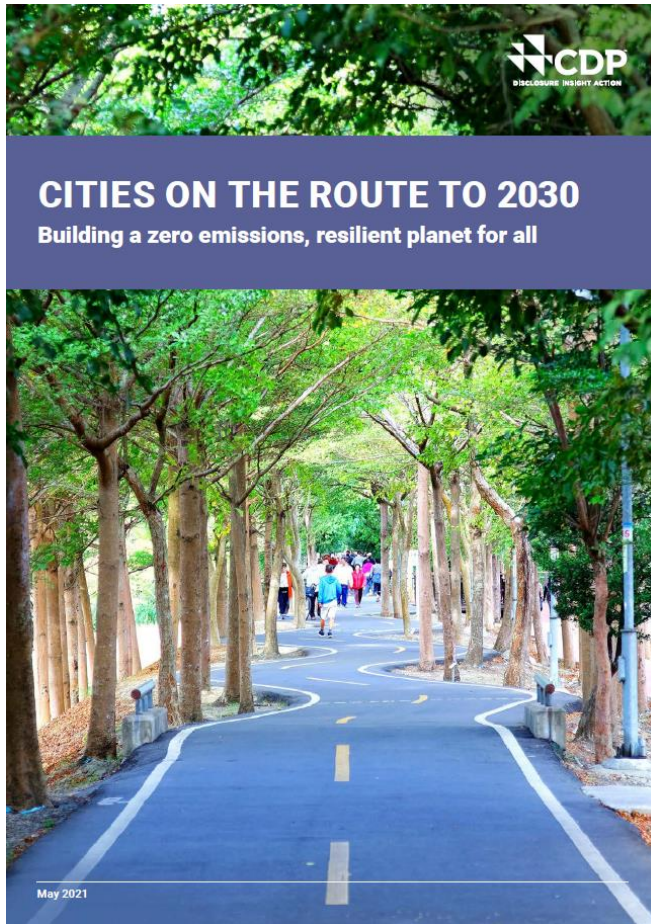
Top 5



Adaptation actions reported by cities are:

- Flood mapping
- Hazard resistant infrastructure design and construction
- Incorporating climate change into long-term planning documents
- Real time risk monitoring
- Public preparedness (including practice exercises/drills)

MORE INSIGHTS



Effective climate action requires a plan

Cities are putting in place the plans and actions required to achieve their climate targets.



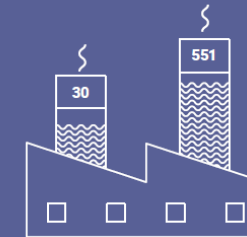
Number of cities with a climate action plan

Goals and targets cities are incorporating into their master plans

87% 710 of cities have incorporated sustainability into their master plan or are intending to do so in the next two years	Emissions reduction targets 408 cities	Waste management targets 232 cities
	Adaptation targets 276 cities	Energy efficiency targets 225 cities
	Renewable energy targets 244 cities	Water security targets 170 cities



Urgent action needed to cut emissions



of cities taking emissions reduction actions

Top actions reported

Energy efficiency/retrofit measures	276 cities 526 actions
Low/zero carbon energy supply generation	173 cities 252 actions
On-site renewable energy generation	162 cities 245 actions
LED/ CFL/ other luminaire technologies	156 cities 172 actions
Improve fuel economy & reduce CO₂ from motorized vehicles	146 cities 200 actions

Current actions

63.4 million
Estimated annual emissions reductions (metric tonnes CO₂e)

69 million
Annual energy savings (MWh)

26.7 million
Estimated annual emissions reductions (metric tonnes CO₂)²⁴

9 million
Annual energy savings (MWh)

Future actions

Cities identified co-benefits they expected to result from the mitigation actions they reported. Climate action co-benefits are beneficial outcomes that are not directly related to climate change mitigation or adaptation as a result from climate actions.

Top five co-benefits of emissions reduction actions identified by cities

Improved resource efficiency	244 cities
Shift to more sustainable behaviors	215 cities
Improved public health	174 cities
Enhanced resilience	169 cities
Improved resource quality	164 cities

²⁴ The estimated annual emissions reductions and energy savings for future actions are based on all actions cities reported that are in their planning stages and are not currently being implemented. The total figures for future actions are considerably lower than the total figures for current actions because most cities report actions that are currently under implementation.

www.cdp.net/en/cities



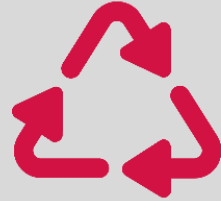
Local Governments
for Sustainability

CDP and ICLEI's **Unified Reporting System** makes for simpler reporting and stronger data. **We are helping cities step up.**

Importance of reporting



Measure and monitor progress in meeting your climate objectives



Understand data gaps to inform what resources and support is needed

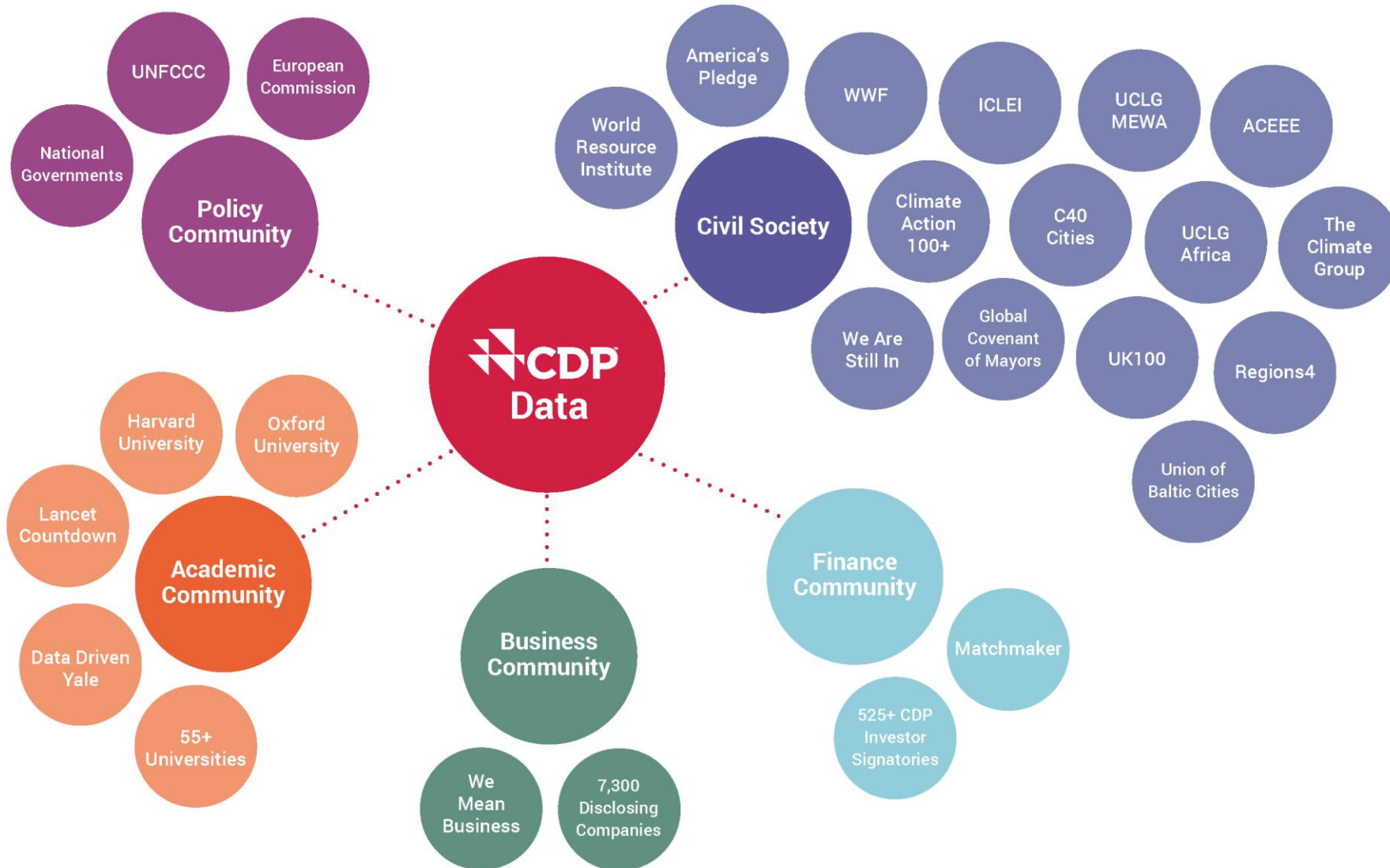


Learn about climate actions that are working and **best practice** globally and locally



Show leadership and impact that local authorities can achieve

The impact of city data is huge



CDP Data Powers

- Technical assistance & capacity building programmes
- Cutting edge research & reports
- Advocacy for climate action in cities, states and regions at international forums

FROM DISCLOSURE TO ACTION

CDP's scoring methodology provides a robust review of cities' responses to our annual questionnaire. It identifies cities' progress on their journey to becoming a climate leader taking bold action in line with the goals of the Paris Agreement.



SCORING BANDS

DISCLOSURE

Cities at the beginning of their journey to identifying climate impacts and/or recognising information gaps.

AWARENESS

Cities understanding, measuring and reporting climate impacts.

MANAGEMENT

Cities acting to mitigate against climate change and increase their resilience.

LEADERSHIP

Cities setting and meeting ambitious climate action goals.

Score: **D**

Score: **C**

Score: **B**

Score: **A**

What it takes to be a leader

- Political commitment from the Mayor
- Risk assessment
- Adaptation plan
- City-wide emissions inventory
- City-wide action plan
- City-wide emissions reduction target
- Collaboration with companies
- 100% city-wide renewable energy target
- Water risk assessment and actions
- Reports high quality data transparently

RECEIVE PERSONALIZED FEEDBACKS



Snapshot reports allow cities to compare themselves to regional average

City name

This snapshot report presents the score that _____ received for its response to CDP's 2018 questionnaire. CDP uses the scoring methodology to incentivize cities to measure and manage environmental impacts. Responses are scored by CDP and CDP's scoring partner ADEC, using the 2018 CDP Cities Scoring Methodology. Scores are private to cities although CDP will recognize and reward the highest scoring cities.

Scoring

Score	Scoring band	Regional Average Score	Global Average Score
A-	Leadership		

Scoring measures progress towards environmental stewardship

The bar chart above shows the count of scores achieved by cities in North America. The score for _____ shown in red.

The bar chart above shows the count of scores achieved by cities globally. The score for _____ shown in red.

Scoring band explanation

A Leadership city demonstrates best practice standards across adaptation and mitigation, has set ambitious but realistic goals and made progress towards achieving those goals. Cities in the Leadership band have strategic, holistic plans in place to ensure the actions they are taking will reduce climate impacts and vulnerabilities of the citizens, businesses and organisations residing in their city.

	Adaptation	City-wide emissions	City-wide emissions reductions	Climate & social risk	Opportunities	Water supply
Your city	A-	A	D	A	B	C
North America Average	D	D	D	C	C	D
Global Average	D	D	D	D	D	D

Find more about CDP Cities at <https://www.cdp.net/en/cities>.

Information reported

This panel indicates what information was provided by _____ in the CDP's 2018 questionnaire which was used to determine your score. It also highlights some key points disclosed by cities globally and within your region.

Information disclosed by	Your city	% North America	% Globally
Risk/Vulnerability Assessment	<input checked="" type="checkbox"/>	51%	45%
Climate Adaptation Commitment	<input checked="" type="checkbox"/>	70%	58%
Climate Adaptation Plan	<input checked="" type="checkbox"/>	35%	33%
Climate Action Plan	<input checked="" type="checkbox"/>	56%	42%
City-wide GHG Emissions Inventory	<input checked="" type="checkbox"/>	74%	54%
City-wide Emissions Reduction Target	<input checked="" type="checkbox"/>	65%	46%
Renewable Energy Target	<input type="checkbox"/>	43%	31%

Your city is committed to the Global Covenant of Mayors for Climate & Energy

Your city is committed to reduce its emissions by 30% by 2020

Transparency
Your city disclosed publicly

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How to improve your city's score

Sections Questionnaire	Next steps Leadership band
Introduction and governance	Consider sharing your process for integrating sustainability into mainstream activities by creating a case study of your city. Join international city networks to pass on the knowledge your city has to others looking for best practice leadership.
Hazards and Adaptation	Continue regular update and monitoring of risk assessment involving vulnerable populations. Commit to ambitious adaptation targets to ensure vulnerable populations are protected in future. Consider the interaction between your adaptation and mitigation actions.
Opportunities	Cities can showcase climate resilient infrastructure projects to private sector investors through our Matchmaker initiative.
City-wide Emissions	Ensure regular update and review of emissions inventory. Where changes occur in the methodology or more data is obtained, be sure to update previous inventories so data is comparable over time. Consider undertaking a consumption-based inventory for the city, which identifies GHG emissions from goods and services consumed within the city.
Energy and Emissions reduction	Many cities are beginning to set emissions reductions targets that are more ambitious than the NDCs of their national governments. Carbon-neutral or zero carbon targets are increasingly being set by cities. Consider updating your city's action plan to incorporate a target aligned with or more ambitious than the Paris agreement goals. Consider developing a 100% renewable energy target.
Water	Ensure water risk is regularly assessed and incorporated into considerations when identifying emissions reduction and adaptation goals.

Click [here](#) for a more detailed explanation of the score per band for each section of the questionnaire, along with CDP's recommendation for cities who receive a Leadership (A-) band score.

Resources

Benchmark Against Your Peers	Explore Data	Connecting to Finance
To see how your city compares to other cities, check out Cities Analytics	Explore all public information by accessing our Open Data Portal	Showcase relevant projects through our Matchmaker Program

CDP 2020 A LIST

88 cities made the 2020 A list, leading on climate action and disclosure.

88 Cities have made the 2020 A List



34% of the cities on this year's CDP A List are new additions, demonstrating ambitious climate leadership in the face of the health crisis.



All the cities on this year's CDP A list have emissions reductions targets, while only half reported targets through CDP in 2015. 38% are aligned with net-zero by 2050.

Free and easy to report



Free and voluntary
to report



Available in seven
different languages



No prescribed
methodology



Guidance provided
throughout

Cities 2021 Questionnaire topics



Cities 2021 Opt-ins



Cities Race to Zero: How to participate?

To sign up: <http://www.citiesracetozero.org/>



The next decade will decide the future for humanity. **Delivering a green and just recovery to the COVID-19 crisis; creating strong, fair economies that serve everyone; and cutting greenhouse gas emissions quickly enough to limit global heating to the 1.5°C target of the Paris Agreement, are one and the same thing. None are possible without the others. Success in all is the only way to prevent a catastrophic crisis.**

C40 Cities, the Global Covenant of Mayors for Climate & Energy (GCoM), ICLEI – Local Governments for Sustainability (ICLEI), United Cities and Local Governments (UCLG), CDP, the World Wide Fund for Nature (WWF) and the World Resources Institute (WRI) have come together to mobilize an unprecedented coalition of cities committed to setting science-based targets and start implementing inclusive and resilient climate action ahead of and beyond the COP26 in Glasgow. This is the Cities Race to Zero effort, with the goal of recruiting 1,000 cities to the **Race to Zero**, in support of the COP26 Roadmap of Local Governments and Municipal Authorities (LGMA) Constituency to the UNFCCC.

[Join 'Cities Race to Zero'](#)

Cities Race to Zero partners



- Publicly endorse the following Principles:

 - We recognise the global climate emergency.
 - We are committed to keeping global heating below the 1.5°Celsius goal of the Paris Agreement.
 - We are committed to putting inclusive climate action at the center of all urban decision-making, to create thriving and equitable communities for everyone.
 - We invite our partners – political leaders, CEOs, trade unions, investors, and civil society – to join us in recognising the global climate emergency and help us deliver on science-based action to overcome it.
- Pledge to reach (net)-zero in the 2040s or sooner, or by mid-century at the latest, in line with global efforts to limit warming to 1.5°Celsius.
- In advance of COP26, explain what steps will be taken toward achieving net zero, especially in the short- to medium-term. Set an interim target to achieve in the next decade, which reflects a fair share of the 50% global reduction in CO2 by 2030 identified in the IPCC Special Report on Global Warming of 1.5°Celsius.
- Immediately proceed to planning at least one inclusive and equitable climate action as listed on www.citiesracetozero.org that will help to place your city on a resilient pathway consistent with the 1.5°Celsius objective of the Paris Agreement and begin implementation no later than 2022.
- Report progress annually, beginning no later than 2022 to your usual or the recommended reporting platform. Your 1.5°Celsius target and action commitment(s) should be shared through your regular channels of reporting. If you have not reported before, you will be contacted by partners for support.

CITIES RACE TO ZERO PLEDGE

5 requirements



1

Endorse the following principles:

- We recognize the global climate emergency.
- We are committed to keeping global heating below the 1.5°C goal of the Paris Agreement.
- We are committed to putting inclusive climate action at the center of all urban decision-making, to create thriving and equitable communities for everyone.
- We invite our partners – political leaders, CEOs, trade unions, investors, and civil society – to join us in recognizing the global climate emergency and help us deliver on science-based action to overcome it.

2

Pledge to reach net-zero in the 2040s or by mid-century at the latest and limit warming to 1.5°C.

3

Plan to set an interim 2030 target consistent with a fair share of 50% global emission reductions.

4

Proceed to planning at least one inclusive climate action, e.g. Procure only zero emission buses from 2025.

5

Publish your target and action to your usual reporting platform and report progress annually.



REPORTING FOR RACE TO ZERO



Signatories should report their targets and actions through the CDP-ICLEI Unified Reporting System or MyCovenant.

In 2021, cities will report the information they have, even if incomplete. By 2022, cities will report confirmed or updated targets, and start reporting progress annually.

Cities that have not reported before will be guided through this process.

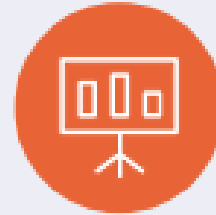
How we can support you



Working offline



Collaborate
with colleagues



Guidance



Online data
validation



Copy forward



Webinars



Resources available in
multiple languages



Direct support from
CDP and ICLEI

2021 Timelines



Thank you!



DISCLOSURE INSIGHT ACTION

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