Cities Forum

World Forum on Urban Forests

HOSTED BY:

TREE CITIES OF THE WORLD

AND

Arbor Day Foundation

Bloomberg Associates

WITH THE SCIENTIFIC COLLABORATION OF:

POLITECNICO MILANO 1863
Simone Borelli
Urban Forestry Officer, Forestry Division
Food and Agriculture Organization of
the United Nations (FAO)
Dan Lambe
Chief Executive Officer
Arbor Day Foundation
THANK YOU
“In a moment of decision, the best thing you can do is the right thing to do, the next best thing is the wrong thing, and the worst thing you can do is nothing.”

-FRANKLIN ROOSEVELT
170 RECOGNISED CITIES

21 COUNTRIES

Argentina • Australia • Brazil • Canada • Chile • Colombia • Costa Rica • France • India • Italy • Mexico • New Zealand • Peru • Senegal • Slovenia • Spain • Sweden • Tanzania • Uganda • United Kingdom • United States of America
THANK YOU
Fabio Sabitano
Associate Professor
University of Sassari
Earl Eutsler
Associate Director / State Forester
Urban Forestry Division
District Department of Transportation
SMITHSONIAN GARDENS
A PUBLIC GARDEN AND LIVING MUSEUM OF THE SMITHSONIAN
LOCATED IN DC'S MONUMENTAL CORE

THE WHITE HOUSE

WASHINGTON MONUMENT

LINCOLN MEMORIAL

TIDAL BASIN

US CAPITOL

THEMALL

SMITHSONIAN'S DONALD W. REYNOLDS CENTER FOR AMERICAN ART AND PORTRAITURE

SMITHSONIAN INSTITUTION

SMITHSONIAN INSTITUTION

SMITHSONIAN INSTITUTION

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World Forum on Urban Forests

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WITH THE SCIENTIFIC COLLABORATION OF:

POLITECNICO

MILANO 1863
Alana Tucker

Program Manager, Tree City Programs
Arbor Day Foundation
What’s going on in Tree Cities of the World?

HOSTED BY:

Arbor Day Foundation®
World Forum on Urban Forests

Cities Forum

HOSTED BY:

AND

Bloomberg Associates

WITH THE SCIENTIFIC COLLABORATION OF:

POLITECNICO MILANO 1863
5 STANDARDS:

1. Authority
2. Policy
3. Inventory
4. Investment
5. Celebration
Congratulations

170
RECOGNISED CITIES

21
COUNTRIES

Argentina • Australia • Brazil • Canada • Chile • Colombia • Costa Rica • France • India • Italy • Mexico • New Zealand • Peru • Senegal • Slovenia • Spain • Sweden • Tanzania • Uganda • United Kingdom • United States of America
2022 By the Numbers

17,506,451 TREES PLANTED
864,664 VOLUNTEER HOURS
$730,677,391 USD SPENT ON URBAN TREE CARE AND MANAGEMENT
823,912,799 PEOPLE LIVE IN A TREE CITY
Cities Forum

Mauricio Tabe, Mayor

Miguel Hidalgo, Mexico
Cities Forum

Howell Davies, Principal Specialist for Urban Forestry

Auckland, New Zealand
Cities Forum

Onda, Spain
Cities Forum

Jeetendra Pardeshi, Tree Officer

Mumbai, India
Cities Forum

José Luis Martínez-Almeida, Mayor

Madrid, Spain
Cities Forum

Pablo Lemus, President

Guadalajara, Mexico
Cities Forum

Sergio Baños Rubio, President

Pachuca, Mexico
Cities Forum

Angela Parker, Sustainability Project Coordinator
Todd Lalonde, Parks and Landscaping Supervisor
Justin Towndale, Mayor

Cornwall, Ontario, Canada
Mayor Minutes:
What’s Going on in Tree Cities of the World?
Tree Cities of the World Session Hosted by Arbor Day Foundation

Panel 1: Urban Forestry Successes + Challenges in Tree Cities of the World

HOWELL DAVIES
Auckland, New Zealand

MARTHA PERDOMO RAMIREZ
(with translator/colleague, Paola Rodríguez)
Bogotá, Columbia

PADDE DANIEL
Kampala, Uganda

ALANA TUCKER, Arbor Day Foundation, Moderator
Howell Davies
Auckland, New Zealand
Auckland is recognised as a Tree City of the World 2019 - 2022

170 recognised cities
17,506,451 trees planted
864,664 volunteer hours
Matariki Planting day Totara Park celebrating our efforts with the community
Te Rautaki Ngahere ā-Tāone o Tāmaki Makaurau
Auckland’s Urban Ngahere Strategy

Developed over 2 years and approved by Auckland Council Environment committee in 2018, publically released in 2019

Parks and Community Facilities are leading the programme of coordinating efforts across council to help deliver implementation of the strategies 18 key objectives
Why a tree strategy

A healthy urban forest provides a wide range of benefits, but is under pressure from:

- Urban growth and intensification
- Amendments to the RMA lifting blanket tree protection in urban areas
- Pests and diseases
- Impacts of climate change

A strategic response to:
Work towards a shared vision, and agreed set of principles, objectives and key actions

Maximise the benefits of Auckland’s urban forest
The Ngahere programme is part of Long-Term Plan Climate funding package. This provide $14 million over 10 years to fund the ngahere programme.

2018-2023 - 16 Local Boards have joined the Ngahere program and provided funding through Locally Driven Initiative opex & capex funding.
How do we measure tree canopy coverage

LIDAR – Light detecting and ranging
Basically, Sonar from a plane

Aerial analysis capturing over 1 Terabyte of data

The data is processed to produce a point cloud data set which is then used to develop visual maps of tree coverage.
‘Knowing’ – analysis the data to inform future actions

Green is good > 20%

Red is bad >10%

Dark green is awesome >30%
**LiDAR (CHM)**
The CHM has a resolution of 1 m/pixel. As a result, the canopy edges are less smooth than the Aerial AI canopy. Some low vegetations are also missed in CHM. Both contributes to a relatively low recall.

**Aerial AI**
The aerial canopy has a resolution of 0.0075 m/pixel, which provides more accurate delineation on crown edges.
Urban Ngahere – data and mapping areas of focus

Heat Vulnerability Index (HVI) at risk areas vs. canopy cover

Example planting plan focused on areas with lowest canopy cover – drawing on existing analysis

<table>
<thead>
<tr>
<th>Current coverage</th>
<th>Local Board</th>
<th>Parks</th>
<th>Playgrounds</th>
<th>Ripparian</th>
<th>Road Reserve</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>8%</td>
<td>Mangere - Otahuhu</td>
<td>696</td>
<td>223</td>
<td>2176</td>
<td>3095</td>
<td></td>
</tr>
<tr>
<td>10%</td>
<td>Otara - Papatoetoe</td>
<td>571</td>
<td>145</td>
<td>3000</td>
<td>779</td>
<td>4495</td>
</tr>
<tr>
<td>12%</td>
<td>Maungakiekie - Tamaki</td>
<td>359</td>
<td>80</td>
<td>618</td>
<td>1057</td>
<td></td>
</tr>
<tr>
<td>13%</td>
<td>Manurewa</td>
<td>1277</td>
<td>112</td>
<td>1962</td>
<td>3351</td>
<td></td>
</tr>
<tr>
<td>14%</td>
<td>Papakura</td>
<td>822</td>
<td>106</td>
<td>549</td>
<td>1477</td>
<td></td>
</tr>
<tr>
<td>15%</td>
<td>Henderson - Massey</td>
<td>1637</td>
<td>422</td>
<td>414</td>
<td>2473</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>5362</td>
<td>1088</td>
<td>3000</td>
<td>6498</td>
<td>15948</td>
<td></td>
</tr>
</tbody>
</table>
Working with local boards to provide advice and direction on planting trees to grow their canopy coverage to meet local needs
Thank You

Howell Davies
Principal Specialist
Urban Ngahere
Parks & Community Facilities, Auckland Council

howell.davies@aucklanced.govt.nz
Martha Perdomo Ramirez

Bogotá, Colombia
Padde Daniel
Kampala, Uganda
Presented by
Padde Daniel
Kampala City, Tree Cities of the World Community Member
20th October, 2023
CITY OF DREAMS

- Contributes 60% of the national GDP (KCCA, 2014)
- Area size – 189 Km Sq.
- Popln: Resident: 1.65million & day time 4.5 million (UBOS, 2014)
Challenges

- Finance
- Human Resource - right teams
- Physical planning of the city
- Technology limitation
- Political will due to competing priorities.
- Private sector limited to no investment in GI
Opportunities

RECOGNIZES
Kampala Capital City
AS A
2020 TREE CITY
PARTNERSHIPS

Over the next 3 years, @AbsaUganda will invest UGX 490 million to support initiatives under this partnership. Our goal is to increase tree density, empower women & youth, and promote knowledge, attitudes, norms, beliefs, and behaviors that align with a smart and sustainable city.

Local and international partnerships
Awareness Raising

Kampala first in Africa to be named among world tree cities

© Mar 11, 2021

“Through this recognition, Kampala will join a network of like-minded cities who recognise the importance of trees in building healthy, resilient and vibrant communities.”
Transforming corridors
Conclusion

THERE IS STILL MUCH TO DO, AND WE NEED TO WORK TOGETHER.
Thank you

PADDE | Kampala Capital City Authority
Urban Forester

danpaddeyes@gmail.com
ldpadde@kcca.go.ug
+ 256 759361867
Panel 1: Urban Forestry Successes + Challenges in Tree Cities of the World

HOWELL DAVIES
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(with translator/colleague, Paola Rodríguez)
Bogotá, Columbia

PADDE DANIEL
Kampala, Uganda

ALANA TUCKER, Arbor Day Foundation, Moderator
Cities Forum
Panel 2: The Role of National NGO’s in Supporting Urban Forestry on the Ground

ANA MACIAS  
Arbocity

ERNESTO HERERRA  
Reforestamos México

RODERICK SHAW  
Trees for Cities

ALANA TUCKER, Arbor Day Foundation, Moderator
Our aim is to raise awareness of the benefits of urban trees and forests and the importance of their management and planning.

arbocity
HOW DO WE DO IT

Municipalities

Academia

Private companies

Citizens
13
RECOGNISED CITIES
Alcalá de Henares • Arroyomolinos • Barcelona • Cieza • Gandia
Las Rozas de Madrid • Madrid • Majadahonda • Miraflores de la Sierra
Navacerrada • Onda • Rivas-Vaciamadrid • Sevilla la Nueva

108,640 TREES PLANTED

19,336 VOLUNTEER HOURS

$156,083,925 EUR
SPENT ON URBAN TREE CARE AND MANAGEMENT

7,029,211 PEOPLE LIVING IN A TREE CITIES OF THE WORLD COMMUNITY
Thank you!

@arbocity
info@arbocity.com
Ernesto Hererra

Reforestamos
Mission: To achieve sustainable development through thriving forests

Vision: Forest ecosystems contributes to the 2030 Agenda SDG

Objectives:
- Stop deforestation
- Increase sustainable forest management
- Restore degraded lands
- Increase urban tree canopy

Strategies:
- Private sector advocacy
- Public sector advocacy
- Multi sectoral alliances
- Entrepreneurship and Investment
- Local capacity and empowerment
- Positive impact on rural and urban landscapes (Env)
Demand side: increase political will

Supply side: map, organize and strengthen community based tree planting/caring people and organizations.

Increase urban tree canopy

General awareness: 3rd Latin American Forum on Urban Forests: October 2022, Guadalajara, Mex. 170 people

14 TCOW in Mexico
30 TCOW in Latam
Roderick Shaw

Trees for Cities
TREES FOR CITIES
TREES CITIES OF THE WORLD

- Rother District (Bexhill-on-Sea)
- Birmingham
- Bradford
- London Borough of Barking & Dagenham
- London Borough of Camden
- Coventry City
- London Borough of Ealing
- Hull
- Ipswich
- Leeds
- Middlesbrough
- Newport
- Portsmouth
- London Borough of Redbridge
- Sheffield
- Solihull
- Stockton-on-Tees
- Telford & Wrekin
- London Borough of Tower Hamlets
- Welwyn Hatfield
- Wrexham

Food and Agriculture Organization of the United Nations

Arbor Day Foundation
THANK YOU
Tree Cities of the World Session Hosted by Arbor Day Foundation

Panel 3: Paving the Way for a Global Urban Forestry Movement

INGRID COETZEE
CLEI - Local Governments for Sustainability

PAUL JOHNSON
Sustainable Forestry Initiative

SUZANNE OZMENT
World Resources Institute

DAN LAMBE, Arbor Day Foundation, Moderator
Ingrid Coetzee
ICLEI – Local Governments for Sustainability
Paving the way for Global Urban Forestry – Cities Place in the Global Biodiversity Framework

Ingrid Coetzee
Director Biodiversity, Nature & Health
ICLEI Cities Biodiversity Center & ICLEI Africa
Kunming-Montreal Global Biodiversity Framework

CBD/COP/DEC/15/4 Kunming-Montreal Global Biodiversity Framework

The framework’s four long-term goals by 2050

The framework has 23 action-oriented global targets to be initiated immediately and completed by 2030.

Together, the results will enable achievement towards the outcome-oriented goals for 2050.

**Target 12** urges for increasing the area, quality & connectivity, and improving access to and benefits from green and blue spaces in urban areas

**Target 14** ensure that biodiversity issues are integrated into policies, regulations, planning and different strategies within and across all levels of government to make cities & regions more livable places.

**Target 7:** Reduce pollution risks and the negative impact of pollution from all sources

**Target 11:** Restore, maintain and enhance nature’s contributions to people, including ecosystem functions and services

**Targets 2 & 3:** ‘30x30 targets - by 2030 at least 30 per cent of areas of degraded terrestrial, inland water, and coastal and marine ecosystems are under effective restoration (Target 2) and are effectively conserved and managed (Target 3)
CBD is the only Rio Convention that has a mechanism for local government engagement and Plan of Action for their contribution to global biodiversity targets

✓ Ambitious dedicated decision and plan of action
✓ Framework to support Parties, cities & subnational governments implement the GBF
✓ Facilitate increased involvement of local & subnational governments in NBSAP revision, implementation & reporting
✓ Support cities & subnational governments in managing biodiversity sustainably, providing ecosystem services & mainstreaming biodiversity in urban planning & development
✓ 7 interconnected action areas in support of nature positive urban development
Platforms to support city engagement in global space

CitiesWithNature Action Platform

- Recognized in CBD Decision 15/12 as the platform where cities can report on, & track progress against, their commitments to contributing to the implementation of the Global Biodiversity Framework (GBF) and National Strategies & Action Plans (NBSAPs)
- Aligned with GBF’s 2030 Action Targets – interprets the global targets to what is relevant to local governments
- Cities commitments are voluntary
- Cities actions can feed into National Reports to CBD
UN Decade on Ecosystem Restoration

Urban Nature Restoration Platform

• Cities Challenge
• To spread knowledge, share tools, and build capacity on how to mainstream ecosystem restoration activities and nature-based thinking into city management and planning practices, as well as to increase advocacy around the return-on-investment in nature-based solutions and make the business case for restoration.
• By 2030:
  identify and involve at least 100 champion cities through educational high-level modules and city-to-city learning exchanges
  20 cities from this cohort will be encouraged and given guidance on how to apply to have their projects or urban area become World Restoration Flagships

Moshi, Tanzania
Paul Johnson
Sustainable Forestry Initiative
CREATING A ROADMAP TO A BETTER FUTURE

COMMUNITIES DEPEND ON URBAN FORESTS

SFI DEVELOPED A NEW SFI URBAN AND COMMUNITY FOREST SUSTAINABILITY STANDARD IN COLLABORATION WITH:
Our Vision:  
A world that values and benefits from sustainably managed forests.

Our Mission:  
To advance sustainability through forest-focused collaborations.
Working together is critical to ensuring the sustainability of our planet.
SFI ADVANCES SUSTAINABILITY THROUGH FOREST-FOCUSED COLLABORATION

STANDARDS

CONSERVATION

EDUCATION

COMMUNITY
<table>
<thead>
<tr>
<th>Category</th>
<th>Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governmental Organizations</td>
<td>Municipalities, counties, states, provinces</td>
</tr>
<tr>
<td>Indigenous Communities</td>
<td></td>
</tr>
<tr>
<td>Non-Governmental Organizations</td>
<td></td>
</tr>
<tr>
<td>Healthcare Organizations</td>
<td></td>
</tr>
<tr>
<td>Universities and Colleges</td>
<td></td>
</tr>
<tr>
<td>Corporate Organizations</td>
<td></td>
</tr>
<tr>
<td>Objective</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>Objective 1:</td>
<td>Community, People, and Indigenous Participation</td>
</tr>
<tr>
<td>Objective 2:</td>
<td>Human Health and Well-being</td>
</tr>
<tr>
<td>Objective 3:</td>
<td>Protection and Conservation of Biodiversity</td>
</tr>
<tr>
<td>Objective 4:</td>
<td>Stewardship of Natural Resources, Including Air, Water, and Soil</td>
</tr>
<tr>
<td>Objective 5:</td>
<td>Urban and Community Forest and Tree Health and Vitality</td>
</tr>
<tr>
<td>Objective 6:</td>
<td>Special Sites, Including Natural Areas</td>
</tr>
<tr>
<td>Objective 7:</td>
<td>Climate-Smart Management</td>
</tr>
<tr>
<td>Objective 8:</td>
<td>Urban and Community Forest Planning</td>
</tr>
<tr>
<td>Objective 9:</td>
<td>Management and Care of Urban and Community Forests and Trees</td>
</tr>
<tr>
<td>Objective 10:</td>
<td>Disaster Readiness, Response, and Recovery</td>
</tr>
<tr>
<td>Objective 11:</td>
<td>Capacity Building</td>
</tr>
<tr>
<td>Objective 12:</td>
<td>Urban Wood and Community Forest Utilization</td>
</tr>
<tr>
<td>Objective 13:</td>
<td>Communications</td>
</tr>
<tr>
<td>Objective 14:</td>
<td>Research, Science, and Technology</td>
</tr>
<tr>
<td>Objective 15:</td>
<td>Legal and Regulatory Compliance Including Recognizing Indigenous Peoples’ Rights</td>
</tr>
<tr>
<td>Objective 16:</td>
<td>Reporting</td>
</tr>
</tbody>
</table>
SFI CERTIFICATION OPTIONS

• FULL STANDARD CERTIFICATION

• THEMATIC CERTIFICATION
  • Community Well-Being and Human Health
  • Environmental and Conservation Leadership
  • Climate and Disaster Resilience
  • Urban Forest Improvement
COMMUNITY WELL-BEING AND HUMAN HEALTH

OBJECTIVE 1: Community, People, and Indigenous Participation

OBJECTIVE 2: Human Health and Well-Being

OBJECTIVE 13: Communications

OBJECTIVE 15: Legal and Regulatory Compliance including Indigenous Peoples’ Rights

OBJECTIVE 16: Reporting
MULTIPLE THEMATIC SFI CERTIFICATIONS

A COMMUNITY OR UNIVERSITY COULD CHOOSE TO BE CERTIFIED FOR ENVIRONMENTAL AND CONSERVATION LEADERSHIP AND URBAN FOREST IMPROVEMENT.
TRANSPARENT AND CREDIBLE

ALL SFI STANDARDS ARE AUDITED BY ACCREDITED 3RD PARTY CERTIFICATION BODIES

ACCREDITED CERTIFICATION BODIES
SFI STANDARD DEVELOPMENT TASK GROUP 2021-2023

Find this list on our website: forests.org
A SPECIAL THANKS TO THE DEVELOPMENT TASK GROUP

JENNIFER ALGER
Urban Wood Network

SCOTT ALTENHOFF
Society of Municipal Arborists

ADRINA BARDEKJAN
(Michael Petryk alternate), Tree Canada

JOSH BEHOUNEK
(Lee Mueller alternate), International Society of Arboriculture

PATRICIA BILLETTE
Wildlife Habitat Council

OWEN CROY
Formerly City of Surrey, Canada

ASIA DOWTIN
Michigan State University

RACHEL HOLMES
The Nature Conservancy

SHARON JEAN-PHILIPPE
University of Tennessee/TREE Fund

IAN LEAHY
American Forests

RACHEL MILETTI
National Association of Friendship Centers

GEOFF KEMPTER
(Kieran Hunt alternate), Utility Arborist Association

CECIL KONIJNENDIJK
European Forum on Urban Forestry

JACQUES LAROUCHE
Canadian Forest Service

MIKE MARSHALL
Marshall Tree Farm

MARGO MORRISON
Nature Conservancy Canada

BENJAMIN OSBORNE
(Jessica Einhorn alternate), New York City

DAVID SIVYER
USDA Forest Service

KIM STATHAM
City of Toronto

ALANA TUCKER
Arbor Day Foundation

DANIELLE WATSON
Society of American Foresters

KEITH WOOD
National Association of State Foresters
THANK YOU
Suzanne Ozment

World Forestry Institute
Ninety-five member cities, and growing
Political Action & Engagement
• Sparking a global movement
• Building political support
• Multisector engagement

Technical Assistance & Capacity Building
• Local empowerment
• Policy & planning
• Mapping, measuring, & monitoring
• Leveraging new technologies
• Advancing gender & social equity

Economics, Finance, & Investment
• Financial analysis
• Piloting new financial instruments
• Accessing all forms of capital
The Path Forward: What’s Next for Tree Cities of the World?

CECIL KONIJNENDIJK

Nature Based Solutions Institute
The Path Forward:
What's Next for Tree Cities of the World?

Cecil C. Konijnendijk

cecil@nbsi.eu
@AnUrbanForester
Economics
Social cohesion
Quality of life
Food

Biodiversity
Climate
Health

Over 4% of summer mortality in European cities is attributable to urban heat islands.

- Increasing tree cover in cities to 30% can reduce the temperature of urban environments by up to 1.3 °C and prevent 1/3 of premature deaths attributable to urban heat islands in summer.

Urban Forestry: A Global – but still fragmented - Movement

https://atlasofthefuture.org/project/cities4forests/
Global Urban Forestry: what’s needed

- Networking
- Peer learning, knowledge sharing, and capacity building
- Good practice development
- Joint advocacy and awareness raising – towards recognition and integration
- Assessment, monitoring, benchmarking
- Leadership
- Visions and strategies
- Celebrating and motivating!
Using metrics in modern urban forestry

- Inventories and monitoring of urban forests
- Quantifying the benefits of urban forests
- Equitable distribution of urban forests and benefits
- Monitoring progress towards policy and program objectives – using targets, key performance indicators
- Supporting urban forest management
- Monitoring recreational and other use
- Cost-benefit analysis
- Awareness raising and engagement
ECONOMICS OF URBAN FORESTRY IN WASHINGTON

Trees have a tremendous impact on local economies and our quality-of-life. Here’s a peek at how urban trees in your state are contributing.

- 14,587 people are employed as a result of urban forestry activities in Washington.
- Urban trees in the state contribute $2.9 billion in community-wide environmental benefits each year, such as carbon sequestration, air pollution removal, and reduced stormwater runoff.
- Communities in Washington enrolled in Tree City USA® invested an average of $10.57 per resident for tree planting and care compared to $3.00 per resident in non-participating communities nationally.
- The urban forestry sector in Washington has an annual sales and employment footprint worth $1.7 billion.
- Tree cover at private homes adds $1.1 billion annually to property values across Washington.

[i-TREE logo]

Tools for Assessing and Managing Forests & Community Trees

[InVEST logo]

Integrated Valuation of Ecosystem Services and Tradeoffs

UBC alumni magazine (2022)
Blackfeet Nation becomes first tribal nation recognized as a 'Tree City of the World'

Regina acknowledged as a ‘Tree City of the World’ for consecutive year

Regina / 980 CJME
CJME News
Mar 3, 2021 | 7:28 AM
Developing TCOW: a study

Aims:
• Enhancing interest, relevance, impact, retention
• Highlighting opportunities for development

Method:
• Interviews with national coordinators, other experts
• Focus group discussions
• A survey among current and past TCOW’s
• Analysis of other international programs with similar scope
Q16 Would you like to see standards / criteria added to this?

Answered: 55  Skipped: 3

- Yes
- No
- Don’t Know

implementation of the tree management plan.

awareness among residents and to acknowledge citizens and staff members who carry out the city tree programme.
Q11 What were your local authority's main motivations for applying to become a Tree City of the World? Select up to 3:

- Branding of our city
- Benchmarking and competition
- Improving our urban forest
- Becoming part of a global
- Communication of the benefit
- Economic reasons
- Obtaining recognition
- The wish to contribute
- Other (please specify)

Answered: 58  Skipped: 0

Q12 So far, what have been the primary benefits being part of the TCOW programme? Select up to 3:

- Branding of our city
- Benchmarking and competition
- Improving our urban forest
- Becoming part of a global
- Communication of the benefit
- Economic reasons
- Obtaining recognition
- The wish to contribute
- Other (please specify)

Answered: 58  Skipped: 0
Q3 How many inhabitants does your municipality have?
Answered: 58  Skipped: 0

Q4 For how many years have you been or were you a Tree City of the World (TCOW)?
Answered: 58  Skipped: 0

Q6 Do you plan to re-apply in 2023?
Answered: 58  Skipped: 0
Q13 In your opinion, what could be the main barriers for cities to apply for the TCOW programme? Select up to 3:

- The application...
- Achieving the standards is...
- Lack of awareness about...
- The benefits of the TCOW...
- Lack of staff or resources...
- Language barriers
- Low priority given to tree...
Q5 On a scale from 1 (very difficult) to 5 (very easy), how would you rate the application and re-application process?

Answered: 58  Skipped: 0

- Application Process
- Re-Application Process

Legend:
- 1 (Very Difficult)
- 2 (Difficult)
- 3 (Neutral)
- 4 (Easy)
- 5 (Very Easy)
Q19 Would you support a similar additional recognition under the TCOW programme?

Answered: 54  Skipped: 4

Q20 Which of the following aspects should be part of such an additional recognition? Select up to 3:

- Budget increases
- Applying for grants of...
- New urban forestry...
- Training, education, a...
- Urban forest inventories...
- Assessments of urban tree...
- Urban forest strategies a...
- New legislation...
- New coalitions or...
- Integration of trees into...
- Tree planting actions
- Tree management...
- Actions focused on...
- Awareness raising and...
- Volunteering and public...
- Other
Perspective

• Expanding our global reach
• Enhance awareness and visibility
• More city twinning and peer learning, capacity building
• Strengthening national & regional networks
• Adding a ‘growth’ element
• Collaboration with other programs – create synergies
• Keep celebrating and growing!
Accelerating Climate Action in Cities

Introduction: Adam Freed, Bloomberg Associates

HOSTED BY:

Bloomberg Associates
Adam Freed
Bloomberg Associates
Cambian pisos duros por corredores verdes

En la avenida Oriental entregaron uno de los primeros 30 que tendrá la capital antioqueña.

En total, fueron entregados 2,536 metros de corredores verdes en el Centro de la ciudad.

EL APUNTE

- **MODIFICACIÓN**: Alcaldía de Medellín y la Universidad de los Andes lanzarán un proceso piloto de innovación que permitirá a los ciudadanos hacer sus propuestas para mejorar la movilidad en la ciudad.

- **DIRECCIÓN**: El proceso piloto se desarrollará durante los próximos meses y estará orientado a la mejora de las condiciones de movilidad en la ciudad.

- **SIGNIFICADO**: Este es un paso importante hacia la implementación de un sistema de corredores verdes que permita mejorar la calidad de vida de los ciudadanos.

**DATOS**

- **GASTO INICIAL**: 2,536.000 de pesos
- **PLAZA**: En total, se entregaron 2,536 metros de corredores verdes en el Centro de la ciudad.
Cooler: Neighborhoods next to parks and those with plenty of tree cover saw significantly cooler temperatures on a hot summer afternoon, as low as 87°F.

Hotter: On the same day, residential neighborhoods east of downtown saw hotspots reach over 101°F.

Credit: NYTimes
Panel 1: Improving Access + Equity through Urban Forests

ANGELA TOVAR
City of Chicago

AYANDA ROJI
Centre on African Public Spaces

STEVE ANDREWS
Earthwatch Institute

JACOB KOCH, Bloomberg Associates, Moderator
Panel 2: Scaling Impact through Partnerships

CATE MINGOYA-LAFORTUNE  WHITNEY SMITH  ANDREA MARPILLERO-COLOMINA
Groundwork USA  City of Detroit  GreenLatinos

BENITA HUSSAIN, American Forests, Moderator
Panel 3: Protecting Residents in an Age of Extreme Weather

BUSHRA AFREEN  
Dhaka, Bangladesh

EUGENIA KARGBO  
Freetown, Sierra Leone

LENIO MYRIVILI  
Chief Heat Officer, UN-Habitat

KATHY BAUGHMAN MCLEOD  
Adrienne Arsht-Rockefeller Foundation Resilience Center, Moderator