

PIONEERED BY THE
ROCKEFELLER FOUNDATION

100

RESILIENT CITIES

ALIDE General Assembly

May 31, 2018

@100ResCities | #resilience
@eyee5

54% of world population

 $\frac{3}{4}$ of global GDP



The world is in
trouble.



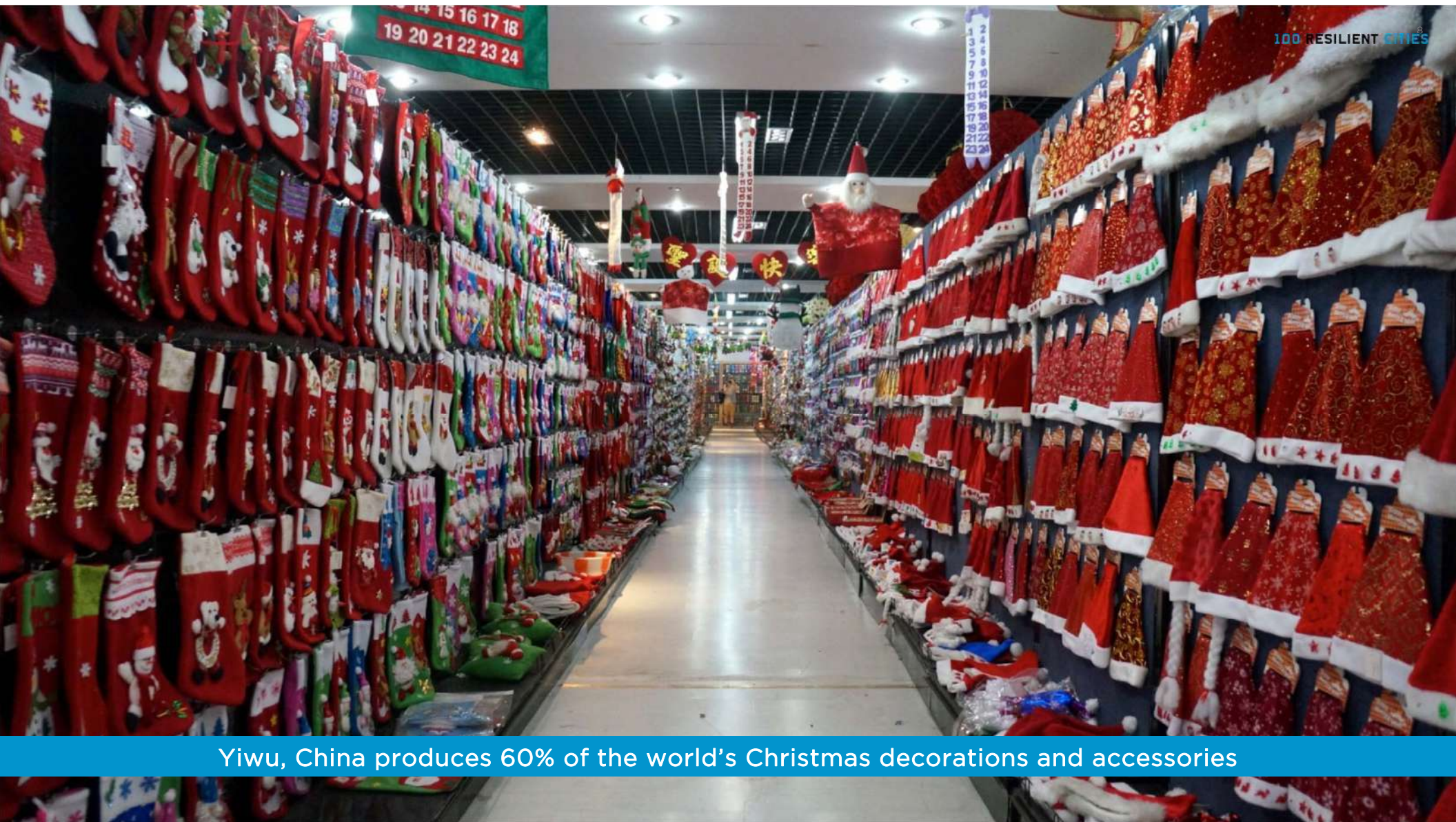
Flooding in Jakarta, Indonesia



Health officials taking temperatures of passengers arriving at the Nairobi airport, Kenya



Crowding in Chennai, India



Yiwu, China produces 60% of the world's Christmas decorations and accessories



In 2009, the deadliest bush fire in Australia's history caused over 173 deaths and destroyed over 2,000 homes in and around Melbourne.

Urbaniz
ation

Traffic Jam in Rio de Janeiro



The time to build
resilience is now.

Urban Resilience

is the capacity of individuals, communities, institutions, businesses, and systems to **survive, adapt, and grow** no matter what kinds of **chronic stresses** and **acute shocks** they experience.



CHRONIC STRESSES

weaken the fabric of a city on a day-to-day or cyclical basis. Examples of these stresses include high unemployment; an overtaxed or inefficient public transportation system; endemic violence; and chronic food and water shortages.



ACUTE SHOCKS

are the sudden, sharp events that threaten a city, including earthquakes, floods, disease outbreaks, and terrorist attacks.





Resilience Dividend

**ENHANCED
URBAN ACCESS &
COMMUNITY
CONNECTEDNESS**

**INCREASED
ECONOMIC
OPPORTUNITIES**



**IMPROVED
AIR
QUALITY**

**ABILITY
TO EFFECTIVELY
DELIVER EMERGENCY
SERVICES**

Resilience building in a city is not easy.

1

Asking cities need to work in a **new, integrative way -- across stakeholders and city agencies** to understand risks and challenges

2

Prioritize spending to address their most pressing resilience needs

3

Design projects that **tackle multiple challenges through a singular intervention**

4

Track and measure the resilience outcomes

100RC is partnering with cities to deliver a better today and a stronger tomorrow.

Funding to hire a
**CHIEF RESILIENCE
OFFICER**

Membership in a
**GLOBAL
NETWORK**



Support to develop a
**RESILIENCE
STRATEGY**

**ACCESS TO PRO-
BONO SERVICES** to
accelerate
implementation

100 Resilient Cities is the **leading** **platform** for **building urban** **resilience** around the world

\$170M mobilized from The Rockefeller Foundation to pioneer 100 Resilient Cities

1,100 applications from prospective cities reviewed;
100 member cities selected through three rounds of challenges

95 employees globally supporting the development and execution of urban resilience projects in member cities

Over **230 dedicated subject matter advisors**

112 platform partners who have pledged nearly **\$230 million worth of tools/services** to support our network of cities

86 Chief Resilience Officers (CROs) collaborating with their city leaders, city departments, and each other

100RC's Member City Network



100 Cities with populations of 40,000 to 21 million
Across 6 Continents 47 Countries representing 21 Languages

Member cities are now pivoting towards the “Execution & Iteration” phase of the 100RC process

100RC City Engagement Roadmap



- 40 Cities have published Resilience Strategies, and are moving into Lifecycle 3 of the process
- 100RC is actively working with member cities to implement the projects identified in their strategies by helping further design and refine these projects and secure capital

100RC Cities in LAC Region

100RC Cities Latin America & the Caribbean



Estación Belgrano

Santa Fe, Argentina

Urban renewal surrounding an iconic railway station to support regional logistics and trade while bolstering local economic development



Rainfall flooding



Urban blight



Lack of investment and economic diversification



High unemployment among the city's youth.



Special Economic Development Zone

Quito, Ecuador

Creating a space for investment opportunities, innovative production chains, better export processes, and employment for youth population



Lack of investment and economic diversification



Lack of job opportunities

Rio Yaque

Santiago de los Caballeros, Dominican Republic

Restoration of a river and its surroundings via flood prevention, public space improvements, and revitalization of a historic center



Rainfall flooding



Aging infrastructure



Environmental degradation

Challenges in Urban Resilience Building in LAC Region



Limited Capacity



Governance (CBD vs. Municipal and frequency of change)



Limited Budget and Capacity to Access Diverse Array of Capital

Necesitamos Tu Ayuda

- 1 Commit resources to project preparation facilities and technical assistance to support project design and include at loan take-out
- 2 Understand the needs of the cities and work with national government to prioritize investment, including opportunities to build sub-sovereign capacity to independently access finance
- 3 Encourage technological & financial innovation in project design
- 4 Serve as the leverage that attracts private sector investment and innovation -> the patient, risk-taking capital in partnership with philanthropy
- 5 Mandate that resilience design principles are included in lending practices – we don't have infinite resources!

The Urban Resilience Fund (TURF) and Resilience Screen

The Rockefeller Foundation and 100 Resilient Cities are developing The Urban Resilience Fund (TURF) and Resilience Screen to facilitate large-scale private sector investment into urban resilience projects in select cities around the world

The goals are two-fold:

- 1 Establish a market standard for resilient infrastructure and demonstrate the value of the resilience dividend
- 2 Mobilize private sector funding to support cities' efforts in achieving resilience

CityXChange

11 cities, 23 Technology & Venture Capital Firms

- Establish new relationships/contacts between cities and tech leaders that can lead to partnerships
- Identify specific opportunities and models for engaging help from technology to meet a city's resilience challenges
- Build new understanding in technology sector of urban resilience, and highlight what cities are doing to address the challenges they face
- Improve understanding between cities and technology about each other's priorities, needs and processes.



Chennai, India



Pittsburgh, USA



Athens, Greece



Quito, Ecuador

Urban Resilience is Taking Hold

100 RESILIENT CITIES

76% of member cities have embedded resilience into city processes, budget, policy or planning

\$618 million of non-city funding mobilized for resilience projects to date

Rating reports of Norfolk and El Paso incorporated perspectives from the city's resilience strategies

In Latin America & the Caribbean, 11 out of 16 cities have a mandated office of the Chief Resilience Officer

Mercociudades network also recently launched a call for proposals for city-to-city cooperation on resilience projects

Thanks to our Chief Resilience Officer in Mexico City, the Mexico City Constitution explicitly references the need to build resilience

The Brazilian state of Rio Grande do Sul, home to member city Porto Alegre, passed a law creating a "Special Commission for the Resilient State"



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Thank You

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