

# Introduction and Overview



G20  
Global  
Smart Cities  
Alliance

# Agenda



1. **Building a policy roadmap**
2. Scaling the policy roadmap

# The G20 called for the creation of this Alliance in 2019



*...the G20 encourages networking and experience-sharing among cities for the development of smart cities.... Cities and networks of cities that express an interest may join a Global Smart City Coalition, which has been proposed to be established in October.*

**G20 Ministerial Statement**

# The Alliance focuses on technology **governance**

Rapid growth of IoT in  
public spaces and  
smart city applications



-  Cybersecurity threats
-  Vendor-lock in
-  Loss of privacy
-  Fragmented business models
-  Social disruption and exclusion

# We started building a policy roadmap, comprised of 'model policies'

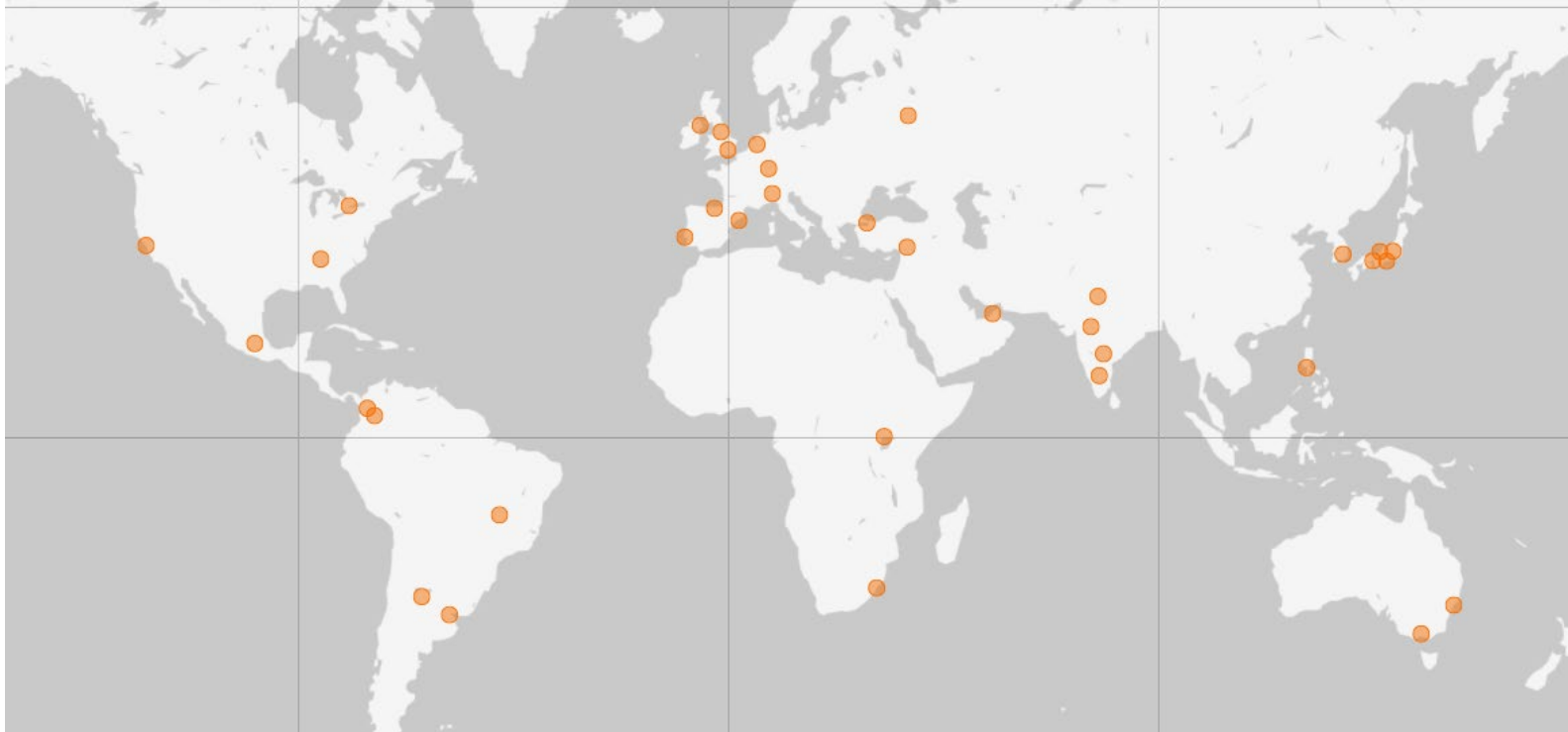


# Agenda

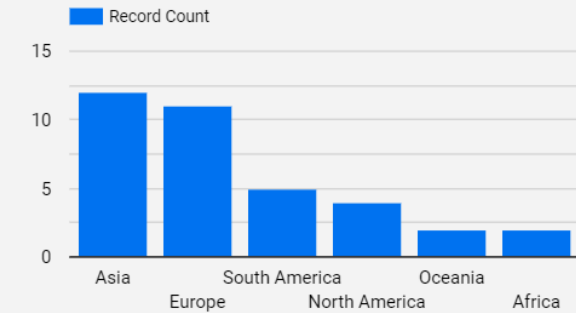


1. Building a policy roadmap
2. **Scaling a policy roadmap**

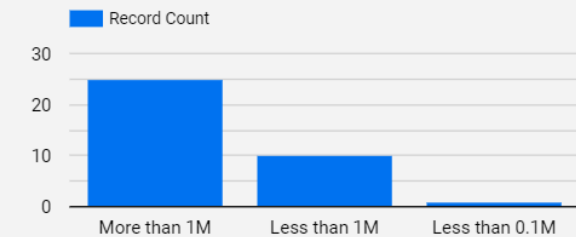
# 36 Pioneer Cities agreed to test the roadmap



Selected cities by region



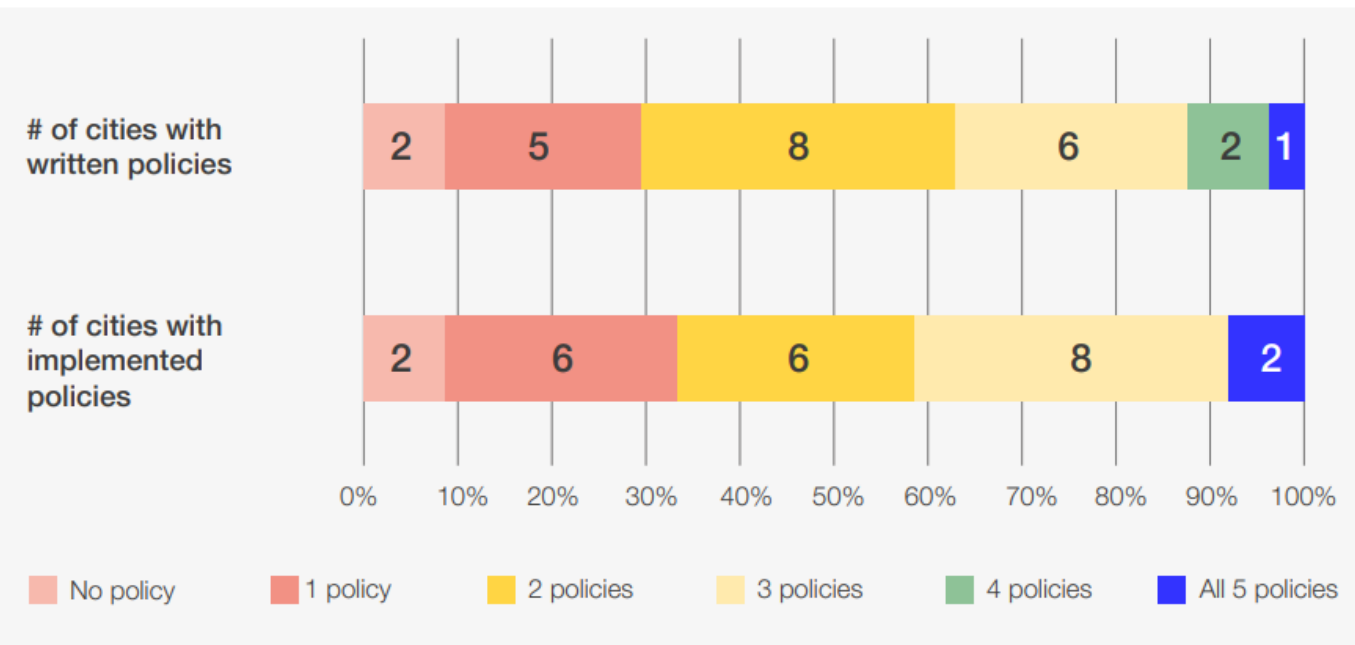
Selected cities by size



- |                               |                                  |                            |                             |
|-------------------------------|----------------------------------|----------------------------|-----------------------------|
| 1. Apeldoorn, Netherlands     | 10. Cordoba, Argentina           | 19. Istanbul, Turkey       | 28. Manila, Philippines     |
| 2. Barcelona, Spain           | 11. Daegu, South Korea           | 20. Kaga, Japan            | 29. Medellín, Colombia      |
| 3. Belfast, United Kingdom    | 12. Dubai, UAE                   | 21. Kakogawa, Japan        | 30. Melbourne, Australia    |
| 4. Bengaluru, India           | 13. eThekweni (Durban), S Africa | 22. Kampala, Uganda        | 31. Mexico City, Mexico     |
| 5. Bilbao, Spain              | 14. Faridabad, India             | 23. Karlsruhe, Germany     | 32. Milan, Italy            |
| 6. Bogotá, Colombia           | 15. Gaziantep, Turkey            | 24. Leeds, United Kingdom  | 33. Moscow, Russia          |
| 7. Brasília, Brazil           | 16. Hamamatsu, Japan             | 25. Lisbon, Portugal       | 34. Newcastle, Australia    |
| 8. Buenos Aires, Argentina    | 17. Hyderabad, India             | 26. London, United Kingdom | 35. San José, United States |
| 9. Chattanooga, United States | 18. Indore, India                | 27. Maebashi, Japan        | 36. Toronto, Canada         |

# Work with Pioneer Cities found major policy gaps which are now being addressed

Distribution of Pioneer Cities by the number of policies they have written and implemented



22 policy plans now in place

From our *Governing Smart Cities* Whitepaper



# But there are many barriers to global adoption



- Language
- Governance and regulatory environment
- Trust and relationships
- Cultural and political differences
- Timezones...

# The Japan Community provides a model for local action that other regions will follow



## Highlights to date

- 25 city governments meeting every month
- Privacy policy included in national policy development
- Policy roadmap principles adopted by multiple cities
- Large number of press features and events



New communities in development for  
**India** and **Latin America**

# Conclusion



- We are exploring interest in creating a community for ASEAN cities
- If you are interested, please contact Takeshi Kondo, Project Fellow, [Takeshi.kondo@weforum.org](mailto:Takeshi.kondo@weforum.org)