

WeGO 2021 ACTIVITIES KICKOFF

WeGO Briefing Session 2021

WeGO Africa Regional Office Opening Ceremony

WeGO Regional Office Strategy Development Workshop

February 24 | 17:00 (KST)



WeGO 2021 Briefing Session

Welcome Message

Kyong-yul Lee

WeGO Secretary General



WeGO 2021 Briefing Session

February 24, 2021

17:00 KST

Online: Zoom

WeGO 2021 Briefing Session

Contents

- 01. About WeGO
- 02. Governance Meetings
- 03. Conferences & Expos
- 04. Regional Networks
- 05. Training Programs
- 06. Digital Services
- 07. Smart City Driver

WeGO 2021 Briefing Session

01 About WeGO

What is a Smart City?

Diverse definitions of smart cities

- Use connected technology and data to (1) improve the efficiency of city service delivery (2) enhance quality of life (3) increase equity and prosperity for residents – **Digi.City**
- Make optimal use of all the interconnected information available today to better understand and control its operations and optimize the use of limited resources – **IBM**
- Use digital innovation to make urban service delivery more efficient and thereby increase the overall competitiveness of a community - **OECD**

Data

Technology

Services

Livable

Competitive

Happy

Friendly

Sustainable

Connected

Green

How do we get there?

Public Administration + ICT

Smarter, More Sustainable City → Happier Life



Big Data
Blockchain Technology
Data Visualization
Digital Dashboard
E-Office
E-Petition
Feasibility Study Services
ICT Consulting

Smart Call Center
Smart Clouding
Smart City Design
Smart Energy
Smart Environment
Smart Infrastructure
Smart IT Monitoring

Smart Mobility
Smart Monitoring System
Smart Payment
Smart Payment
Smart Safety
Smart Security
Smart Street Lights
Smart Water Management
Telecommunications

Think Smart, Be Smart



Smart
Government



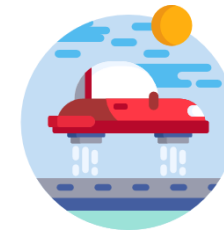
Smart
People



Smart
Economy



Smart
Living



Smart
Mobility



Smart
Environment

WeGO 2030 Vision

“Smart Sustainable Cities for All”

Mission

- To promote and facilitate the transformation of cities to smart sustainable cities worldwide
- To be a global platform for cities to transform into smart sustainable cities
- To foster international exchange, cooperation, and networking among members

Strategic Drivers

Digital
Transformation
of Services

Geographical
and Sectoral
Growth

Improved
Governance
and
Resourcing

WeGO Network



Local Governments

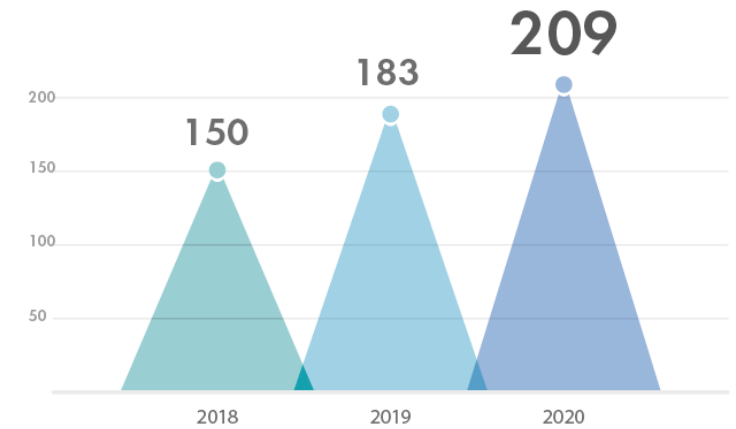
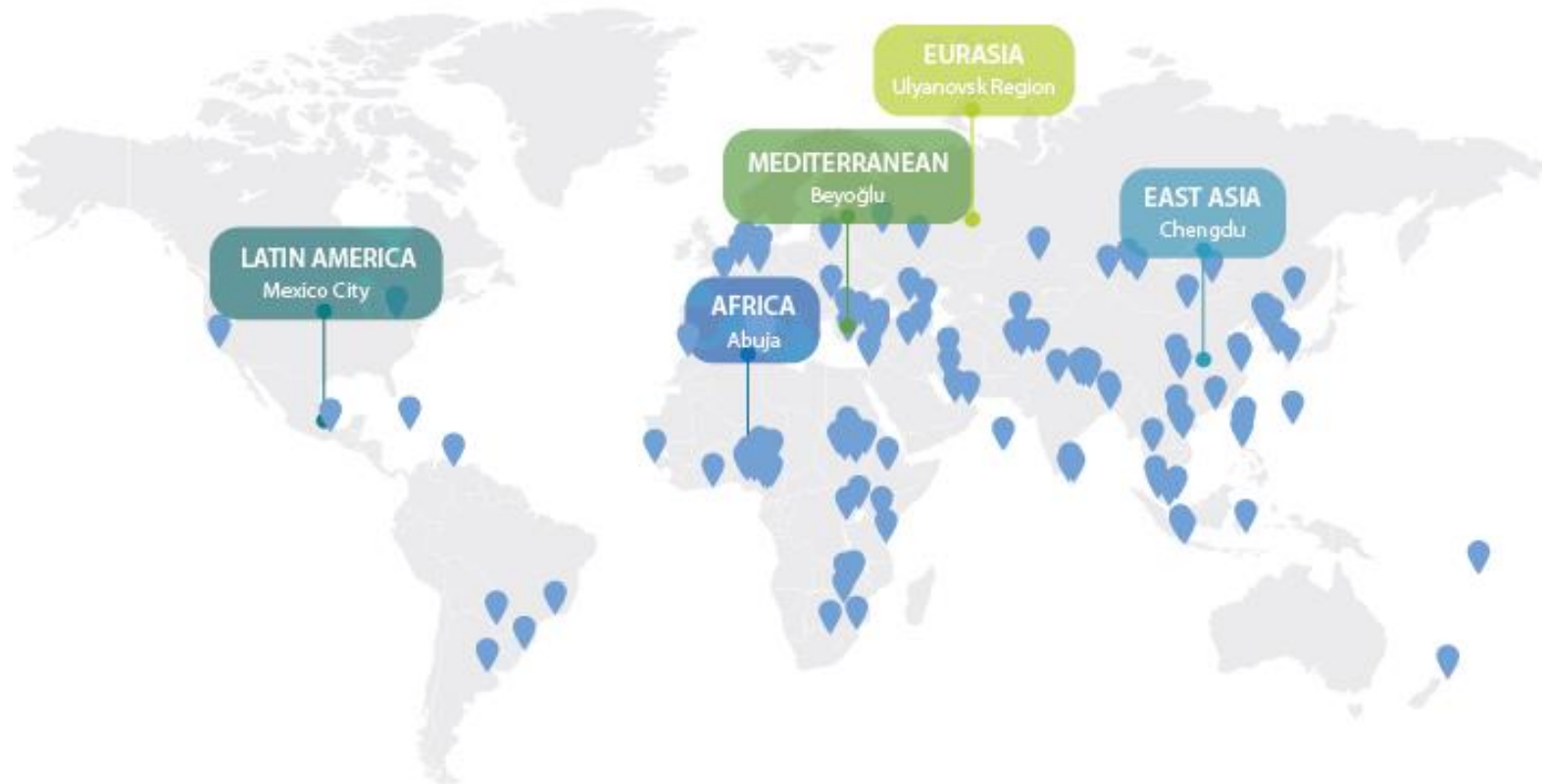


Corporations



**National & Regional
Institutions**

WeGO Network & Partners



WeGO Network & Partners

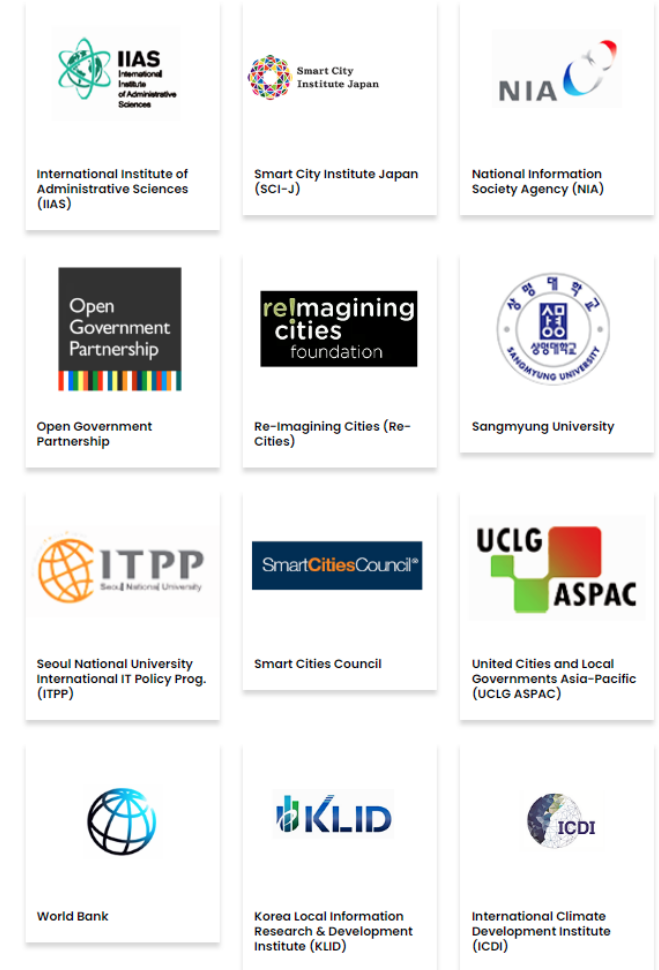
Institutions | 19



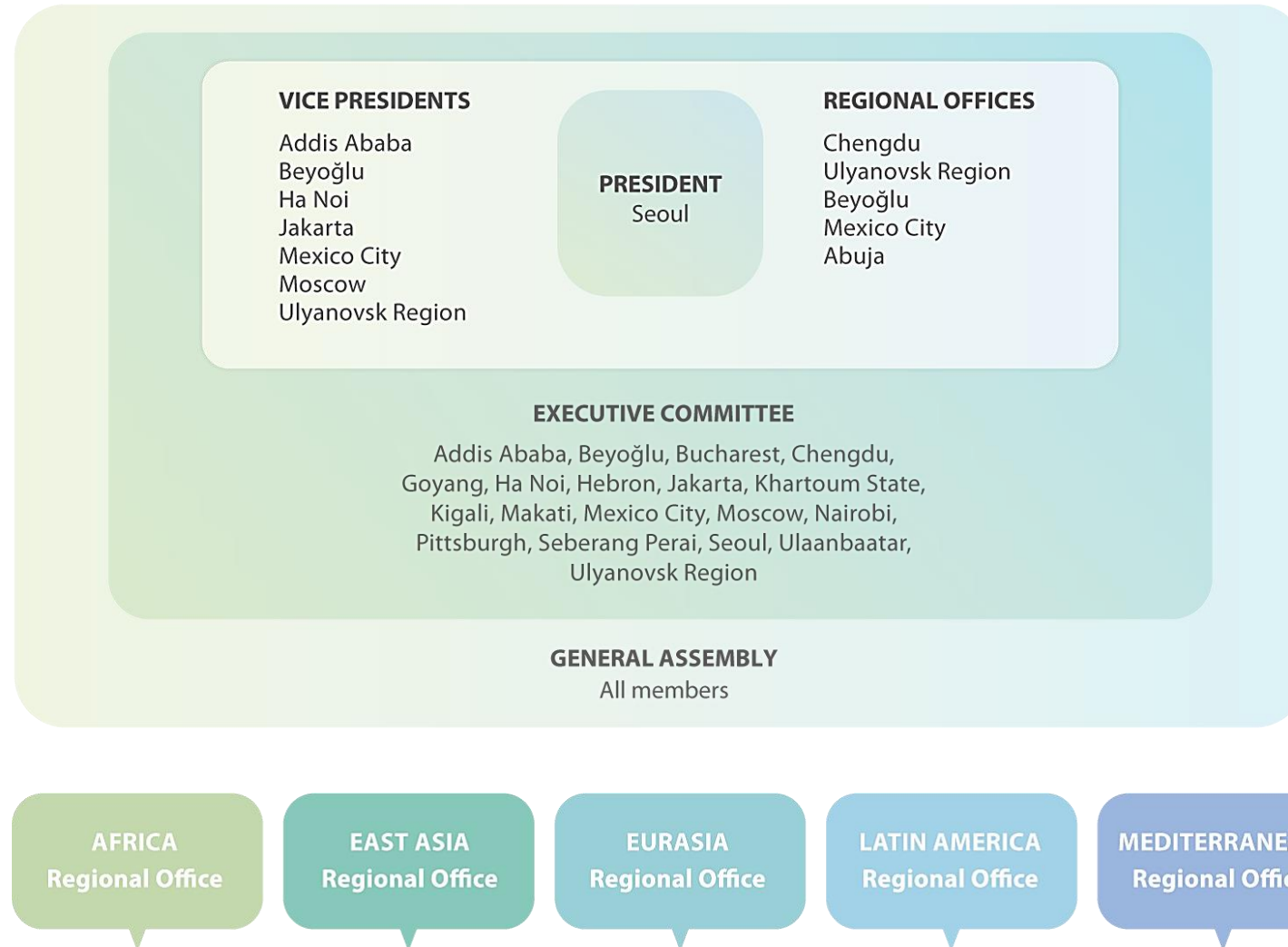
Corporations | 35



MOU Partners



Organizational Chart



Main Activities and Services

Knowledge-sharing
& Networking

Capacity Building

Project
Implementation

Knowledge-
building
& Research

GOVERNANCE
MEETINGS

WeGO
SMART CITY
DRIVER

REGIONAL
NETWORKS

CONFERENCES
& EXPOS

TRAINING
PROGRAMS

WeGO
AWARDS

Q1

Strategy Development Workshops with Regional Offices | **Feb**

Smart Technologies for the New Normal | **Mar**



Q2

Korean Smart City Development and Prospective Project | **Apr**

Solutions Meet Cities and Global Agenda | **May**

Chinese Smart Cities and the Global Agenda | **Jun**

Smart Health Responder Workshop for Joint Expansion with Partners | **Jun**

Smart Tech Korea Expo | **Jun**

6th South Asian Cities Summit | **TBD**

CJK (China-Japan-Korea) Smart City Forum | **Jun**

Q3

Customizing Smart Solutions for LATAM | **Jul**

WeGO-ASEAN Smart Cities Network Partnership | **Aug**

WeGO Smart Sustainable Cities Training Program | **Sep**

WeGO East Asia Regional Office Chengdu Smart City Training Program | **TBD**

Q4

WeGO-NIA-AfDB Joint Workshop | **Oct**

Diplomacy for Homo Sapiencities | **TBD**

NEASCN Inaugural Meeting | **Aug**

WeGO 5th General Assembly | **TBD**

Smart City Expo LATAM Congress | **TBD**

Project Pitching Day for Smart City Investors | **Dec**

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02

Governance Meetings

5th General Assembly

TBD | Q3

- The 5th GA will convene members, partners and stakeholders of WeGO to shape the key agenda to chart WeGO's direction
- The three-day event will feature various smart city sessions and workshops, a Mayors Roundtable, a CIO Forum, the WeGO Executive Committee and General Assembly meetings along with several exhibitions
- Discussions will also revolve around how cities can use technology as a tool to help address the various challenges brought about by rapid urbanization

Past GAs



Be the host of the 5th GA

- Showcase your city's leading smart city initiatives
- Gain recognition as a global leader in the smart city field
- Host WeGO's 10th Anniversary Celebration and the 4th WeGO Awards Ceremony

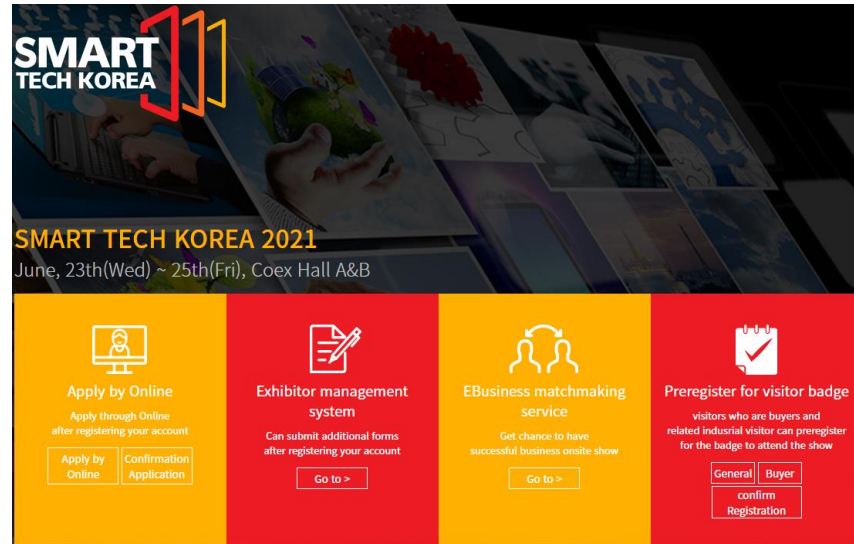


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03

Conferences & Expos

Smart City Exhibitions

TBD | Q2


Smart Tech Korea Expo
 Jun 23 – 25 | Seoul, Korea

- Biggest technology-focused expo in Korea showcasing 4IR technology trends
- Promote participation of WeGO members in the event to exchange the latest trends in smart technology and to create business opportunities



Virtual Networking
 Year-Round | Online

- Identify opportunities to expand the WeGO's network and introduce Smart City Driver;
- Develop and exchange ideas and areas of collaboration with WeGO members and partners

Smart City Exhibitions

TBD | Q4



Smart City Expo LATAM Congress

Q4 | Mérida, Mexico

- As a regional version of the Smart City Expo World Congress in Barcelona, WeGO will participate in this local event to continue expanding its presence in Latin America and strengthening ties with the Latin America Regional Office



Diplomacy for Homo Sapiencies

December (TBD) | Seoul (TBD)

- End of the year networking event held for domestic members and stakeholders, to share WeGO's achievements during 2021, as well as plans for 2022

Year-Round



- Competition for startups from around the world interested working to solve urban issues and achieve the UN SDGs
- Co-organized with domestically based agencies of the UN and Seoul Citypreneurs, in partnership with WFUNA, UNDP and UNESCAP
- Expand engagement by identifying new host cities to implement the program



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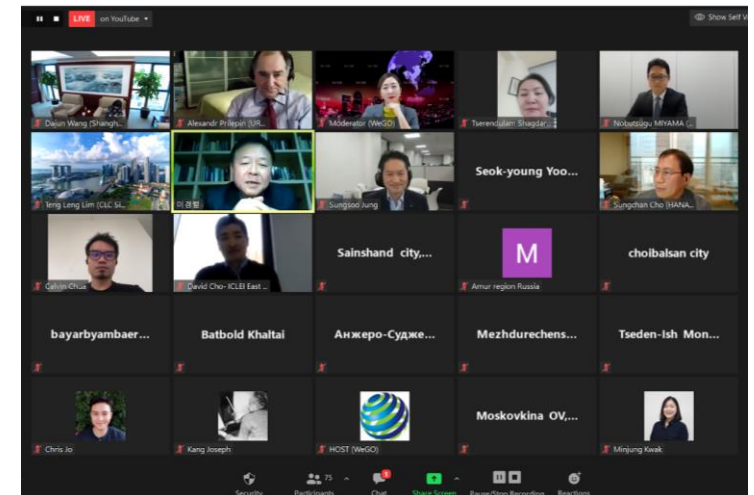
04

Regional Networks

Northeast Asia Smart City Network (NEASCN)

TBD | Q3

- Inaugural Meeting – formally establish the Northeast Asia Smart City Network as a platform for expanded project implementation in China, Japan, Korea, Russia, and Mongolia via WeGO's Smart City Driver
- NEASCN Framework – develop and launch the NEASCN guiding document
- Networking – organize matchmaking and knowledge-sharing opportunities for WeGO members with cross-sectoral partners in the region



China–Japan–Korea (CJK) Smart City Forum

TBD | Q3

- Building on the foundation set by the Webinar on CJK Smart Cities in 2020, WeGO will establish a platform for smart city cooperation between China, Japan and Korea in collaboration with Trilateral Cooperation Secretariat based in Seoul



**Case
Sharing**



**Joint
Strategization**



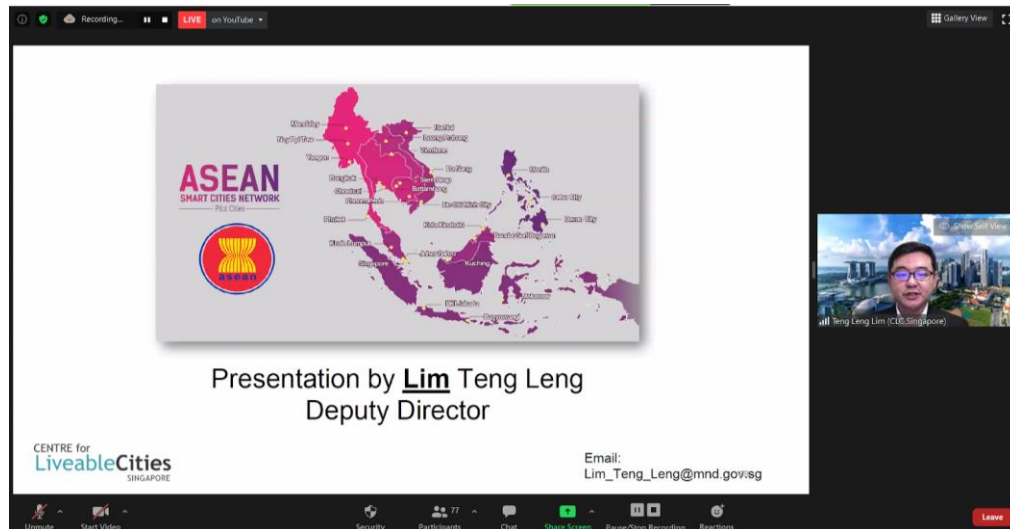
Networking



ASEAN Smart Cities Network (ASCN)

Year- Round

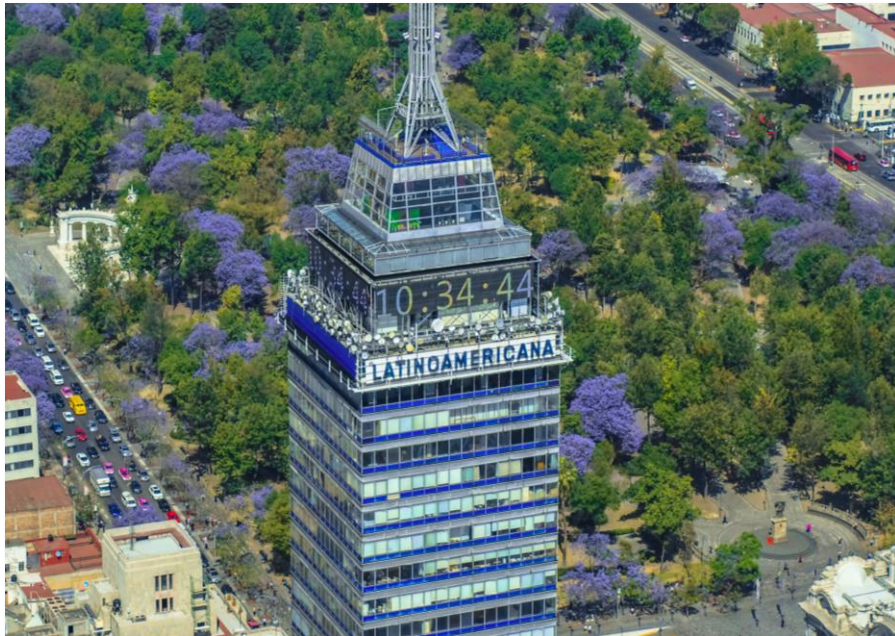
- WeGO will continue to strengthen the partnership with the ASEAN Smart Cities Network pilot cities
 - Matchmaking with international funding partners, consultants, and solution providers
 - Smart City Action Plan Knowledge-sharing workshop
 - Mayoral Conference and induction of new members



LASCN & AfSCN

Year- Round

- LASCN – **Latin America Smart Cities Network**
- AfSCN – **Africa Smart Cities Network**
- WeGO and its Regional Offices in Mexico City and Abuja will gather leading cities, institutions and corporations to establish long-term cooperation in the field of smart cities



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05

Training Programs

Smart City & Digital Government Training



WeGO East Asia Regional Office Chengdu Smart City Training Program

- 2-week training program and workshop
- Open to smart city officials from WeGO's member cities
- Modules on the development lifecycle of digital services



WeGO Smart Sustainable Cities Training Program

- 3-week training program
- 15 officials from WeGO's member cities
- Lectures and study visits on Seoul's Smart City Policies



WeGO-NIA-AfDB Joint Workshop

- 4 day workshop on Smart Cities and Digital Government
- 30-40 officials from WeGO and NIA's members and network
- Smart city modules and technical tours in Jeju



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06

Digital Services

Smart Health Responder

- Data platform to share worldwide best practice and guidance in managing public health challenges
- WeGO's Smart Health Responder includes three components--Data Portal, Knowledge Hub, and Smart Health Assistance
- **Smart Health Responder Workshop for Joint Expansion with Partners** – Webinar (May 26, 2021)
 - Exploring the advancement direction of the Smart Health Responder (SHR) in partnership with domestic and international stakeholders in the health sector to create an open data platform



Smart Sustainable City Projects Catalog

ALL PROJECTS

FILTER BY

Region


- ☐ Africa
- ☐ Asia
- ☐ Europe
- ☐ North America
- ☐ Oceania
- ☐ Online
- ☐ South America

Sector


- ☐ Agriculture
- ☐ Civic Engagement
- ☐ Connectivity
- ☐ Disaster Risk Management
- ☐ Education
- ☐ Energy Efficiency
- ☐ Healthcare
- ☐ Innovation & Startups
- ☐ Public Safety
- ☐ Public Transportation
- ☐ Renewables & Circular Economy
- ☐ Tourism
- ☐ Traffic Management
- ☐ Waste Management
- ☐ Water Management
- ☐ e-Government

Stakeholders


- ☐ Academia
- ☐ Foreign Development Agency
- ☐ Local Government
- ☐ MDE
- ☐ National government
- ☐ Private Sector
- ☐ Public Agency
- ☐ Regional Government




QIue Smart City Participation System




Jakarta Smart City Portal




Open City Initiative




Integrated Medical Information and Analytical System




Smart Street Lighting Management System




QIue Smart City Participation System




Street Lamps and Traffic Lights Monitoring System




Farm to Fork Tracking Project




Utilizing Technology to Reduce Municipal Fleet Size



Big Data Campus



After Classes Project: Extra School Study Groups and Activities for Children



New Taipei City Library 2.0

OVERVIEW

-  Implemented in 2016
-  Project Duration: Indefinite
-  Funding Source: Government

Big Data Campus is an offline space that allows stakeholders from the public and private sectors and academia to access data sets, public and private, open and proprietary, in a controlled setting. It is aimed at providing advanced analytical technologies which enable cross-sectoral analysis on urban solutions. By categorizing and listing 4,000 raw data collected from the public and private sectors into nine categories, the city's Big Data Campus provides a list of data to citizens in a easy and approachable way.

FEATURES



- Data is anonymized and analyzed over Virtual Desktop Interface (VDI).
- The program was made to comply with existing legislation, including privacy legislation, ensuring that no modification of laws would be necessary.
- Civic groups and Seoul Metropolitan Government work together on campus to propose policy suggestions and ways to solve social problems.
- The Big Data Campus provides a variety of online and offline courses on big data to enhance the awareness on big data among ordinary citizens.
- It provides various kinds of database and statistical analysis solutions.

KEY RESULTS

- Since its implementation until 2019, 393 analyses of data have already occurred by users from academia, NGOs, and individuals.
- Seoul Metropolitan Government deems this amount to be a success, and expects numbers to steadily increase, as the scope of datasets will increase as well.
- University students have also taken advantage of the data analysis education offered by the campus. Some categories analyzed so far include education, traffic, healthcare, the economy, and safety.
- In future expansions to the project, the city also plans to utilize the campus for human resource development in training professional data analysts.



RESOURCES

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07

Smart City Driver



World Smart Sustainable Cities Organization

Overview of Framework



WeGO ACTIVATOR

The WeGO Activator is an innovative and collaborative online platform which serves as the base of the Smart City Driver. The WeGO Activator has three key functions:



DISCOVER

Streamline the application process for the Solution Finder and the Project Implementer.



PLAN

Identify project stakeholders to plan, execute, monitor, and evaluate smart city projects.



EXCHANGE

Share and benchmark best practices through a global directory of smart city projects.



SOLUTION FINDER

STEP 1

After consulting the Activator Exchange and other informative platforms to search for application solutions, cities prepare and submit the Solution Finder application form.

STEP 2

WeGO reviews the information submitted by the cities and presents its preliminary feedback.

STEP 3

After all clarifications have been made with the cities, WeGO connects the cities with relevant strategic partners.

STEP 4

With WeGO's support, cities work with their selected strategic partners to develop and implement the solution packages in the form of physical projects.



PROJECT IMPLEMENTER

STEP 1

Cities submit project proposals through Activator Discover.

STEP 2

WeGO reviews the applications and selects a beneficiary city.

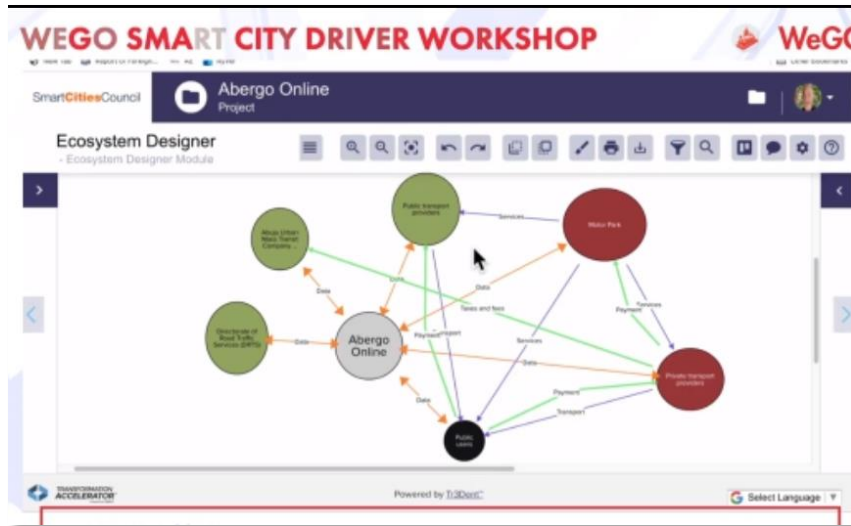
STEP 3

WeGO selects the consulting company which will implement the project.

STEP 4

The feasibility study and pilot project are conducted in the beneficiary city.

Online Workshops & Webinars



Solutions Meet Cities: Matchmaking for WeGO Members

May 26 | Online

- Periodical sessions to introduce WeGO's new corporate strategy and develop opportunities for project implementation and matchmaking using the WeGO Activator

PART II.
Discussion with Financing Experts

Sungsoo JUNG
Director/Team Head of Program Team in Planning & Coordination Dept.
Economic Development Cooperation Fund (EDCF)

Seok Yong YOON
Principal Public Management Specialist
Asian Development Bank

WeGO & UN-Habitat Project Pitching Day for Smart City Investors

November | Online

- Gather urban challenges from WeGO members to connect them with private investors to explore funding opportunities and mechanisms for the cities' urban projects

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Thank you.



We-gov.org

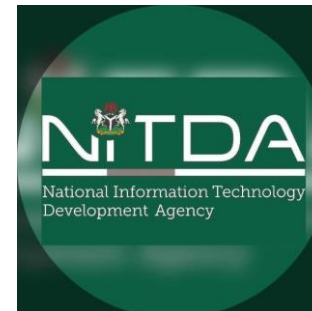


/WeGOSecretariat



/WeGovOrg

WeGO Africa Regional Office Opening Ceremony



WeGO Africa Regional Office Opening Ceremony



Welcome Remarks

Kyong-yul Lee
WeGO Secretary General

WeGO Africa Regional Office Opening Ceremony



Congratulatory Remarks

Abdullahi Adamu Candido

Abuja Municipal Area Council Executive Chairman

WeGO Africa Regional Office Opening Ceremony



Congratulatory Remarks

Mr. Kashifu Inuwa Abdullahi

NITDA Director General

WeGO Africa Regional Office Opening Ceremony



Introduction to Africa RO

Abiodun Essiet

Africa Regional Office Director

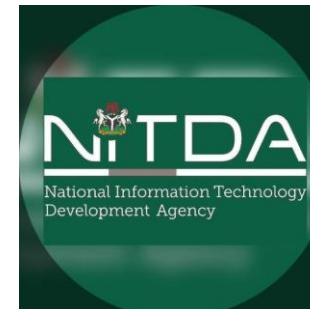
Abuja and WeGO

ABOUT ABUJA | A PLANNED CITY WITH A SMART VISION

- Capital of Africa's largest economy and population
- Host of ECOWAS, OPEC, and World Bank
- One of the leading planned cities in Africa

ABUJA & WeGO | STRONG PARTNERSHIP

- Participated in the 2020 WeGO Driver Workshop
- Panelist in WeGO Driver Workshop
- Bid to host RO approved by EXCOM in Nov 2020
- Principal partners: **NITDA** and **Digizens Collaborative**



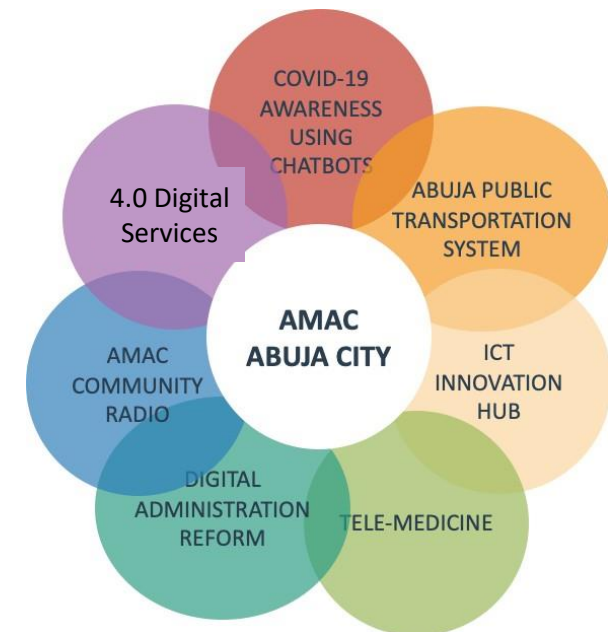
Vision and Mission

VISION

- To build smart, sustainable, innovative and inclusive cities within the African context of oneness and in line with WeGO's global vision

MISSION

- To strategically identify city problems within African cities through a well-articulated innovation ecosystem
- To develop programs that provide solutions to city problems in partnership with WeGO Secretariat and partners
- To recruit new members into WeGO and ensure their active participation as members of WeGO



Strategy and Targets for 2021 and Beyond

STRATEGY | STRONG EFFECTIVE PARTNERSHIPS

- Use regional and sub-regional approach for effective collaboration and engagement
- Embrace digital platforms to drive promotion and awareness of WeGO smart city programs
- Engage cross-sectorally with private sector and NGOs to maximize impact
- Facilitate the conversation on smart cities in the region
- Work with national authorities to deepen the WeGO program and initiatives across the entire region

TARGETS | PROGRAMS & ACTIVITIES FOR THE REGION

- Establishing **African Smart Cities Network** as the foundation for creating impact in the region

Multi-stakeholder
Partnerships

Support Smart
City Agenda

Capacity
Development

Secure
Sponsorship

Improve Service
Delivery

Regional Office Team

TEAM | DYNAMIC AND EXPERIENCED



Abiodun Essiet
Regional Director



Eng. Kaka Salisu
Deputy Regional Director



Jayne Abuo
Programs Specialist



Chidiebube Mbulo
Admin/Account Specialist



Stella Ediale
Admin/Computer Analyst



Ojo Oluwafemi
Partner Affairs Associate



Folayan Oluwasegunfunmi
Partner Affairs Associate



Sylvester Nandi-Esom
Partner Affairs Associate



Shehu Usman
ICT Officer

Leading the Smart City Agenda in Africa



The Africa Regional Office is prepared to work with and support our members and partners to push WeGO's mission of achieving smart sustainable cities for all African cities

WeGO Africa Regional Office Opening Ceremony

Thank you.



abuja@we-gov.org



we-gov.org



Wego Regional Office Abuja



WeGO_Africa



wegoafrica_

WeGO Africa Regional Office Opening Ceremony

Ribbon—Cutting



WeGO Regional Strategy Development Workshop

Guiding Slides for Regions

Guiding Slides

Europe/Eurasia

Mediterranean/Middle East

Latin America



World Smart Sustainable Cities Organization

Program

Part I

Sejong City: Smart City Development Case Study

MinJu Chang

Sejong Smart City Division Director

Part II

Developing Strategies for Regional Smart Cities

Graham Colclough

UrbanDNA, Partner

Part III

Breakout Session: Regional Action Plan Development

Europe/Eurasia

Asia-Pacific

Mediterranean/Middle-East

Africa

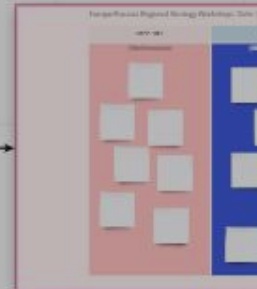
Wrap-up & Next Steps

WeGO Regional Strategy Development Workshop

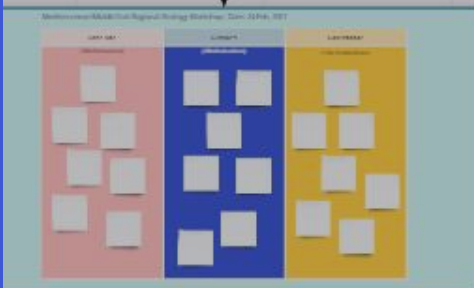
Guiding Slides for Regions

Europe/Eurasia

Guiding Slides



Mediterranean/Middle East



Latin America



Sejong City: Smart City Development Case Study

MinJu Chang

Sejong Smart City Division Director

WeGO Regional Strategy Development Workshop



Developing Strategies for Regional Smart Cities

Graham Colclough
UrbanDNA Partner



Session 3: Regional Smart City Strategy Development Workshop

Graham Colclough

Partner, UrbanDNA

graham.colclough@UrbanDNA.eu

Mobile +44.771.031.3944



WeGo 2021 Activities Kick-Off Event
24-Feb-21

Intentions

- Remind ourselves about the importance of why we are doing what we are doing, and strengthen our resolve to make a difference
- Provide some shape & focus to the 2021 & beyond Action Plans
- Frame the breakout discussions to help you make a pragmatic start for the new (regional) trajectory

Start with the World



© Nations Online Project

Start with the World

The Cause...and the Consequences

Over-fishing

Resource depletion

Exclusion

Tropic of Cancer (23°27')

Philippines

Palau

Japan

Taiwan

Republic of China

Federated States of Micronesia

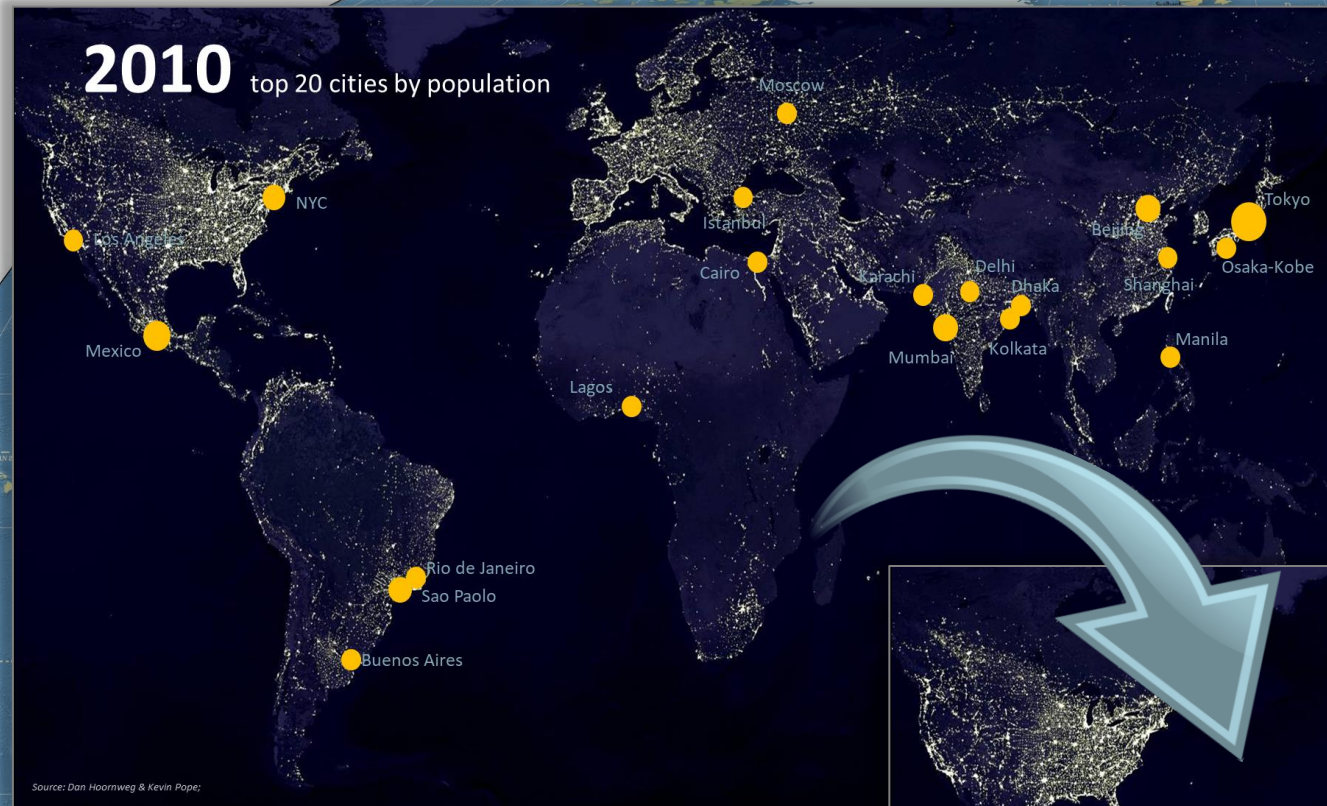
Marshall Islands

Palau

Dramatic weather changes

Violence & Unrest

2010 top 20 cities by population



The rapidly
changing world
we live in



Two Big Opportunities to tackle two 'Grand Challenges'



1 The unbelievable power of Humans (when there is a will)



2 The transformative potential of new technologies (physical & digital) and more particularly data



COVID-19
CORONAVIRUS DISEASE 2019

Now



Our Future

Smart ...&... Sustainable



2

"Smart City"
means...

Regional
Biases

A "Smart City" should be described as one that:

...dramatically increases the pace at which it improves its sustainability and resilience,

...by fundamentally improving:

- (i) how it **engages society**,
- (ii) how it applies **collaborative leadership** methods,
- (iii) how it **works across disciplines** and city systems, &
- (iv) how it **uses data and integrated technologies**,

...in order to transform services and quality of life to those in and involved with the city (residents, businesses, visitors)

ISO Strategic Advisory Group, Working Definition, 2015

Stimulus & Learning from EU experiences?

Three Pillars of Action

Climate Neutral & Smart Cities Mission

- 'Top-down' sponsorship
- Influence to Horizon EU

Smart Cities Marketplace Market Convening Initiative

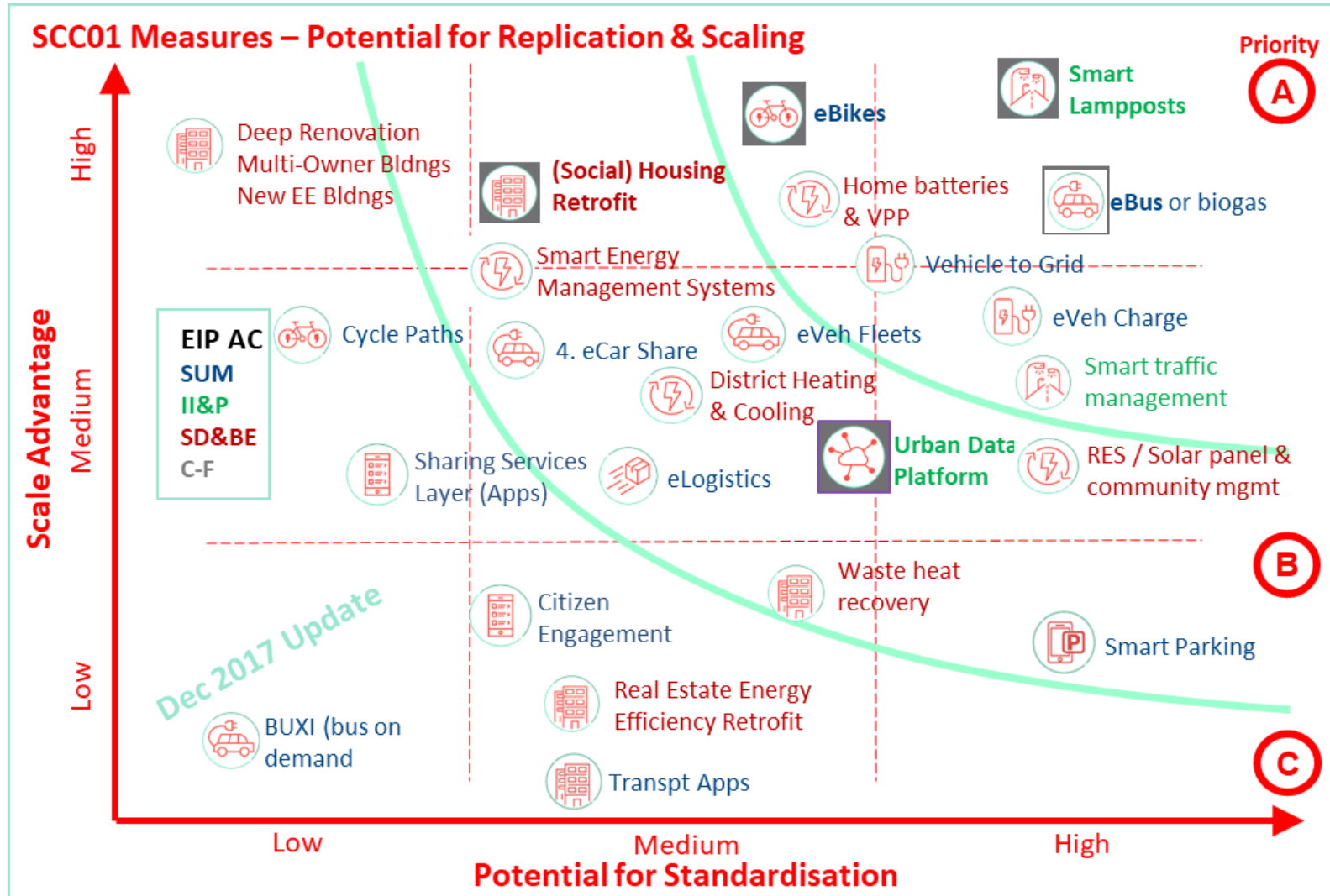
- The 'Go-To' place for European Smart Cities

'Lighthouse Smart Cities' Programmes

- 18 progr: 130 active cities
- Real life demonstrations



Focus of the EU Smart City "Lighthouses"

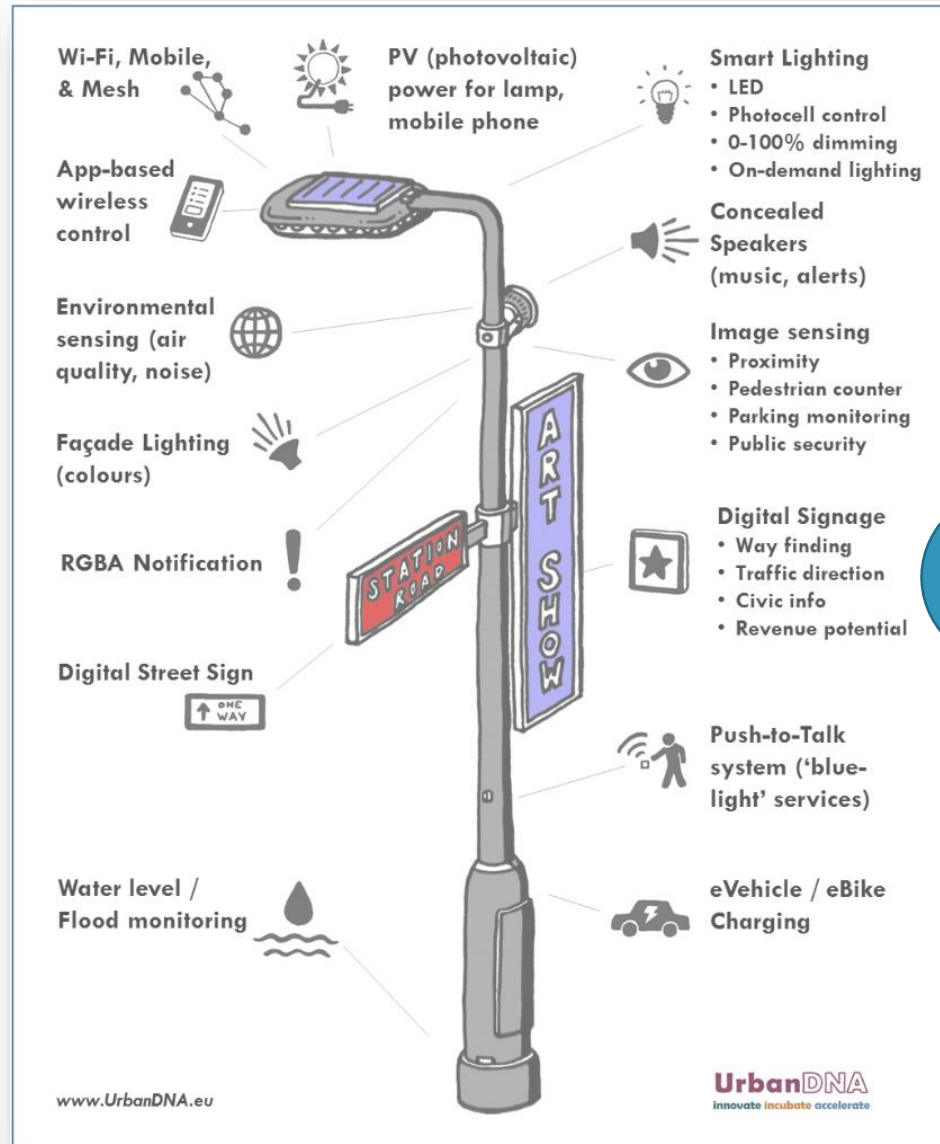


- ✓ Understand regional needs
- ✓ Select and focus on some winners
- ✓ 'Package' solutions for scale deployment
- ✓ Match-make cities (demand) with investors (means) with industry (solution) with society (to sustain)

The "Humble Lamppost" – an obvious quick win

EU STATISTICS

60-90m	Estimated nos. streetlights across Europe
75%	Percentage of streetlights over 25yrs old
20-50%	Proportion of city's energy bill from streetlights
€3 bln	Approx. annual street lighting energy cost
50-75%	Energy saving potential thru LED
€1.9 bln	Annual energy saving from LED
2.6 mln	GHG equivalent in removing #cars from EU roads



GOAL

10 Million Smart Lampposts across EU Cities

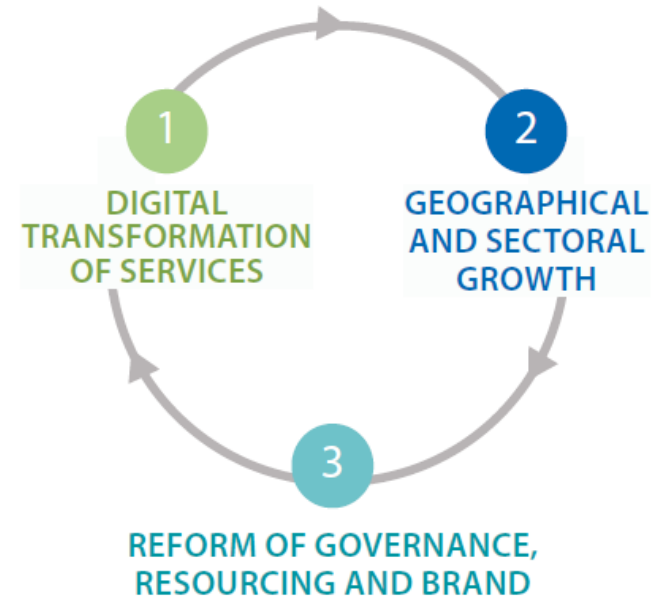
What is the equivalent **practical scalable 'quick win'** for you regionally?

"Reinventing to Transform Cities and Connect Society for the New Frontier"

WeGO 2030 Masterplan

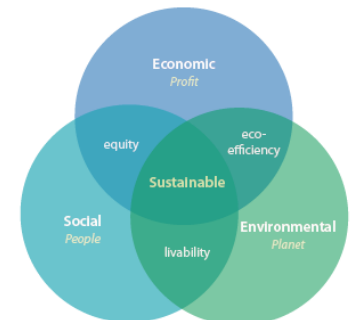
Reinventing to Transform Cities and
Connect Society for the New Frontier

- ◆ Broadened scope of activities digitally transformed
- ◆ Strategic partnerships for bankable projects
- ◆ Business model responsive to new demands
- ◆ Partnerships with international, regional, and national networks

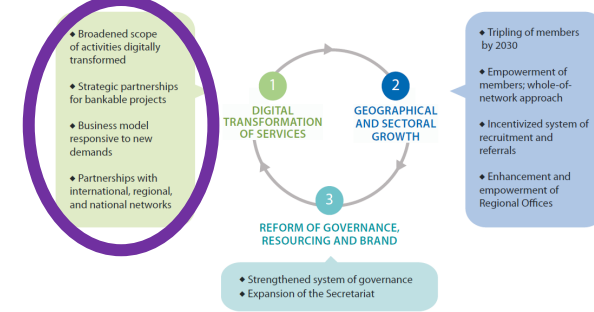
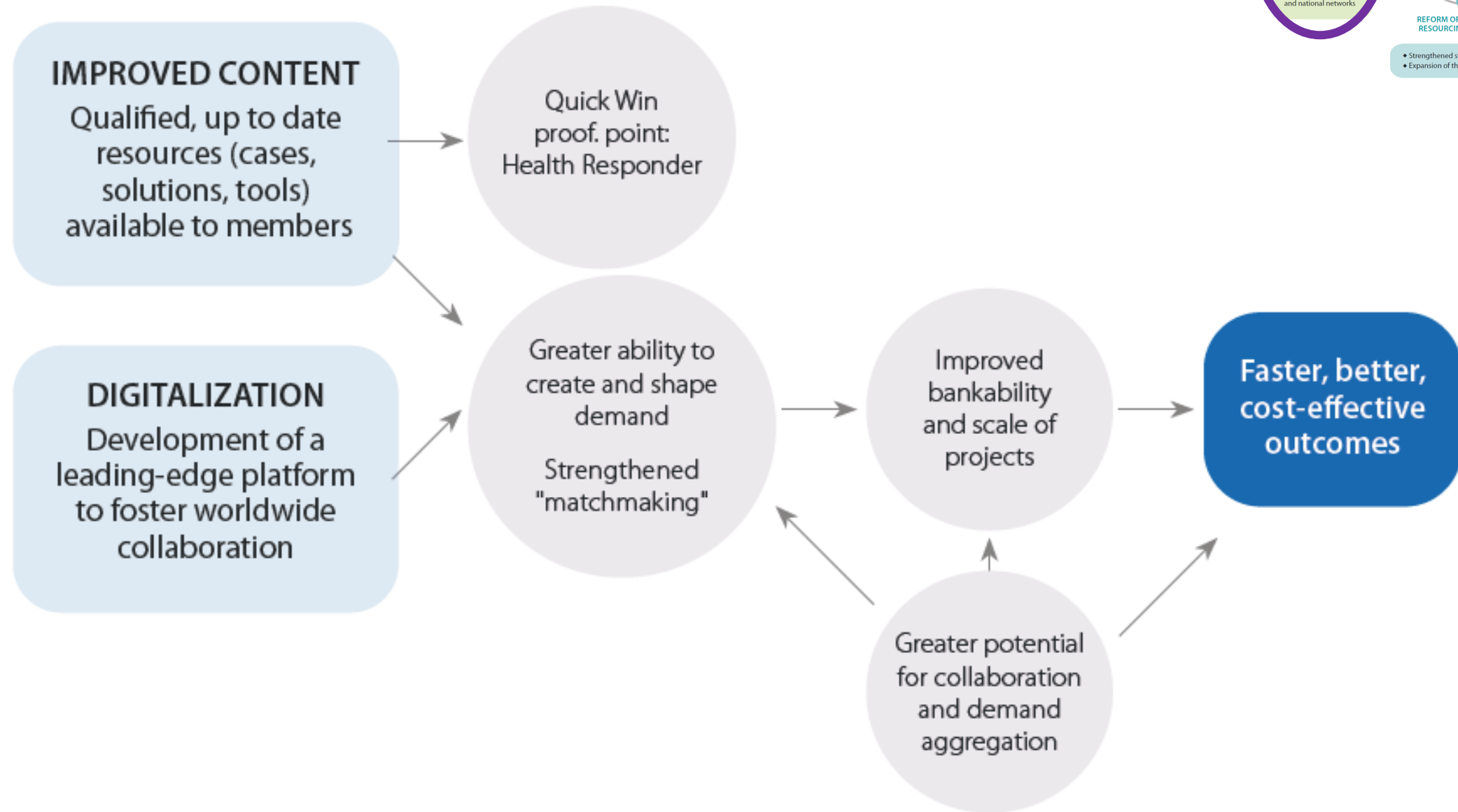


- ◆ Tripling of members by 2030
- ◆ Empowerment of members; whole-of-network approach
- ◆ Incentivized system of recruitment and referrals
- ◆ Enhancement and empowerment of Regional Offices

- ◆ Strengthened system of governance
- ◆ Expansion of the Secretariat



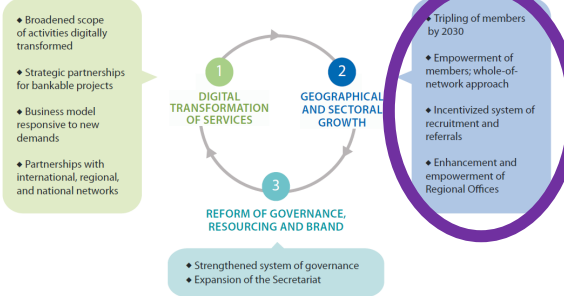
Pillar 1: Service Transformation



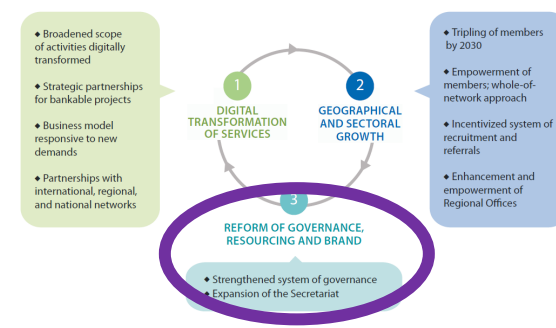
Pillar 2: Growth



- Existing Regional
- Prospective Regional Office
- Current partners
- Prospective Partners



Pillar 3: Governance



WeGO Values

- ◆ Impact-Focus
- ◆ City-Needs-Led
- ◆ Trust
- ◆ Equality
- ◆ Fair Reward
- ◆ Excellence
- ◆ Pragmatism
- ◆ Systemic Innovation



Regional Offices

Locally Informed Expertise

Global Brand

Inclusive EXCOM

Business Model Upgrade

Exceptional Communications



Improved Governance & Resourcing

Regional Office (RO)

RO's are important – why?

- Nuanced understanding of 'smart'; and variation in focus on sustainability
- Respect the different development trajectories of cities
- Build a trusting community

What should the RO do?

- Link WeGo action to Regional Framework conditions
- Develop differentiated brand and offering
- Engage regional market providers
- 'Convene'; champion; mobilise; ...
- Set goals and monitor outcomes
- Find some practical scalable solutions

The power of synergy and cross RO collaboration

- Share what works and doesn't with other regional colleagues
- Search out the similarities and share the solution development burden

The common cross-Regional corraling force must be about **impact**

Two very relevant quotes

*"A good plan (violently) executed now
is better than a perfect plan
executed next week"*

George S. Patton

*"Start where you are.
Use what you have.
Do what you can."*

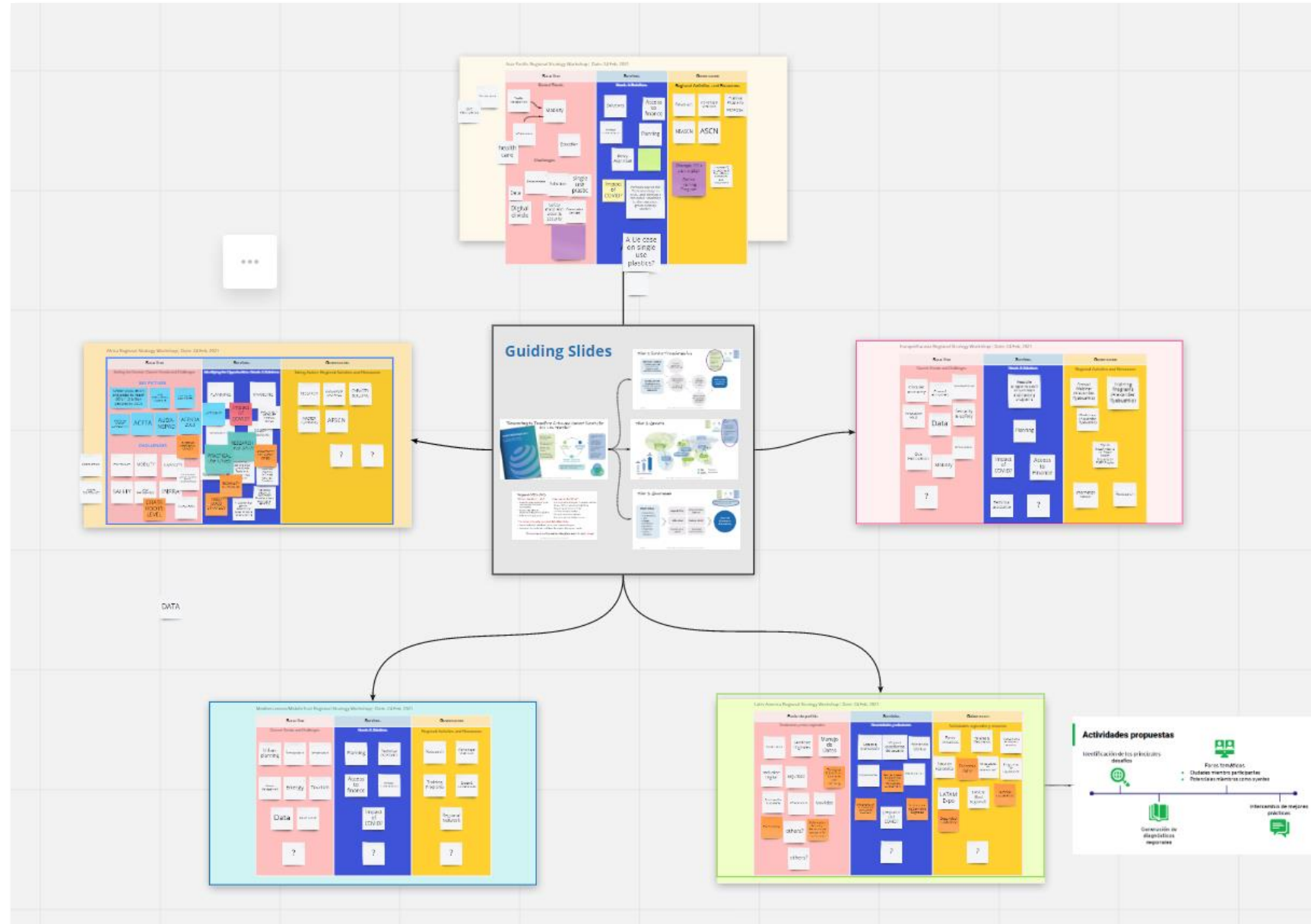
Arthur Ashe

Passion and pragmatism go a long way!

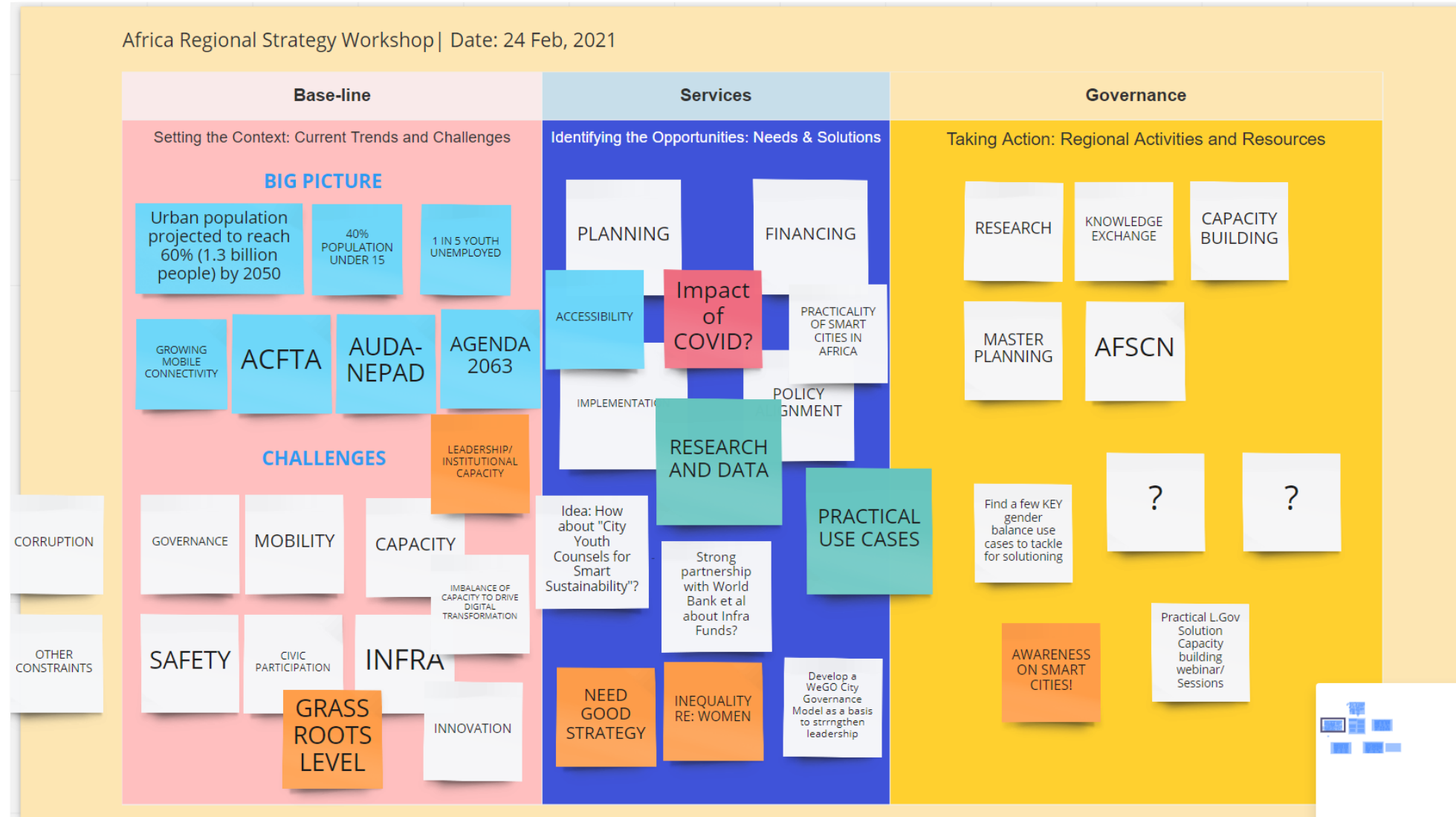


Time for Action !

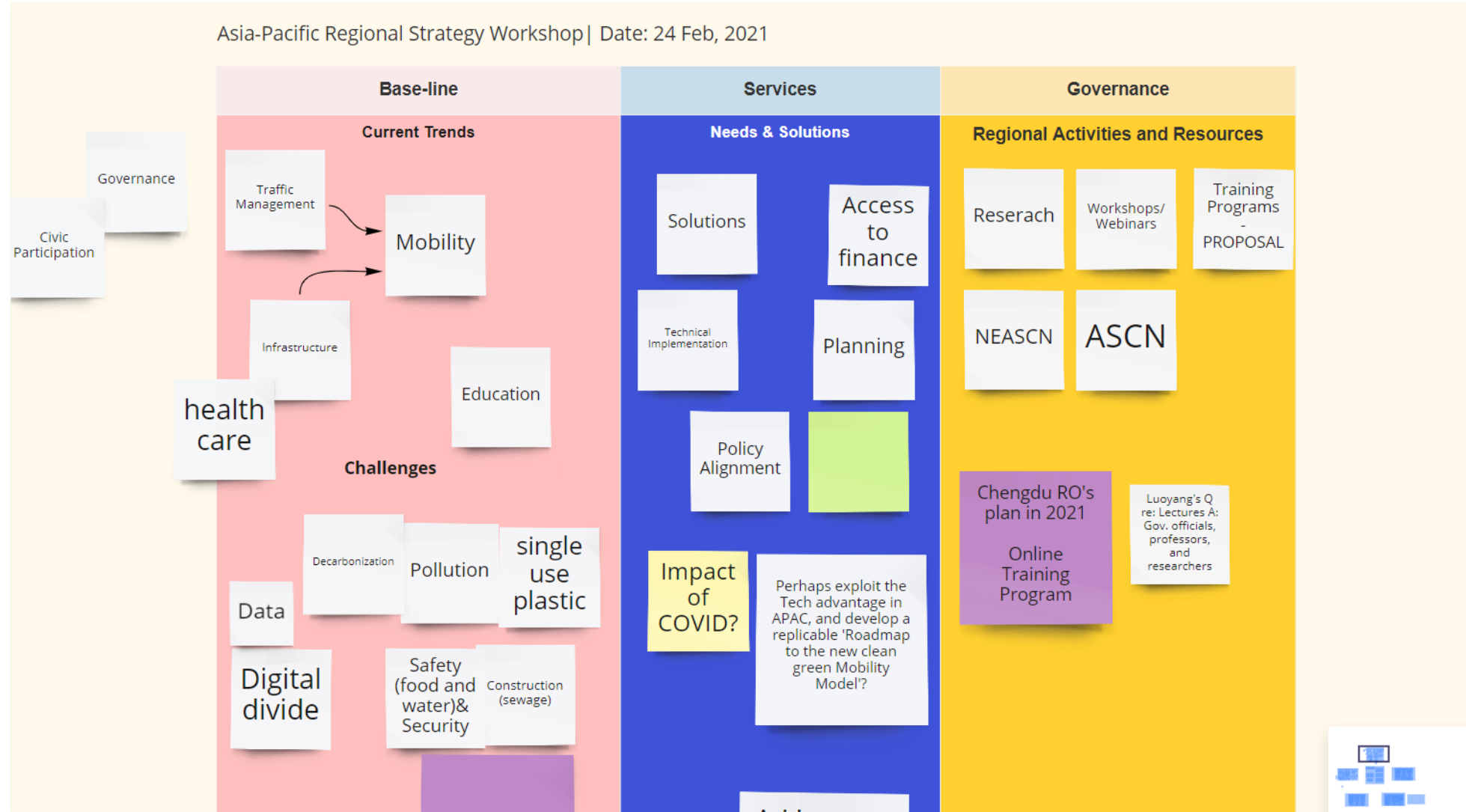
Overview



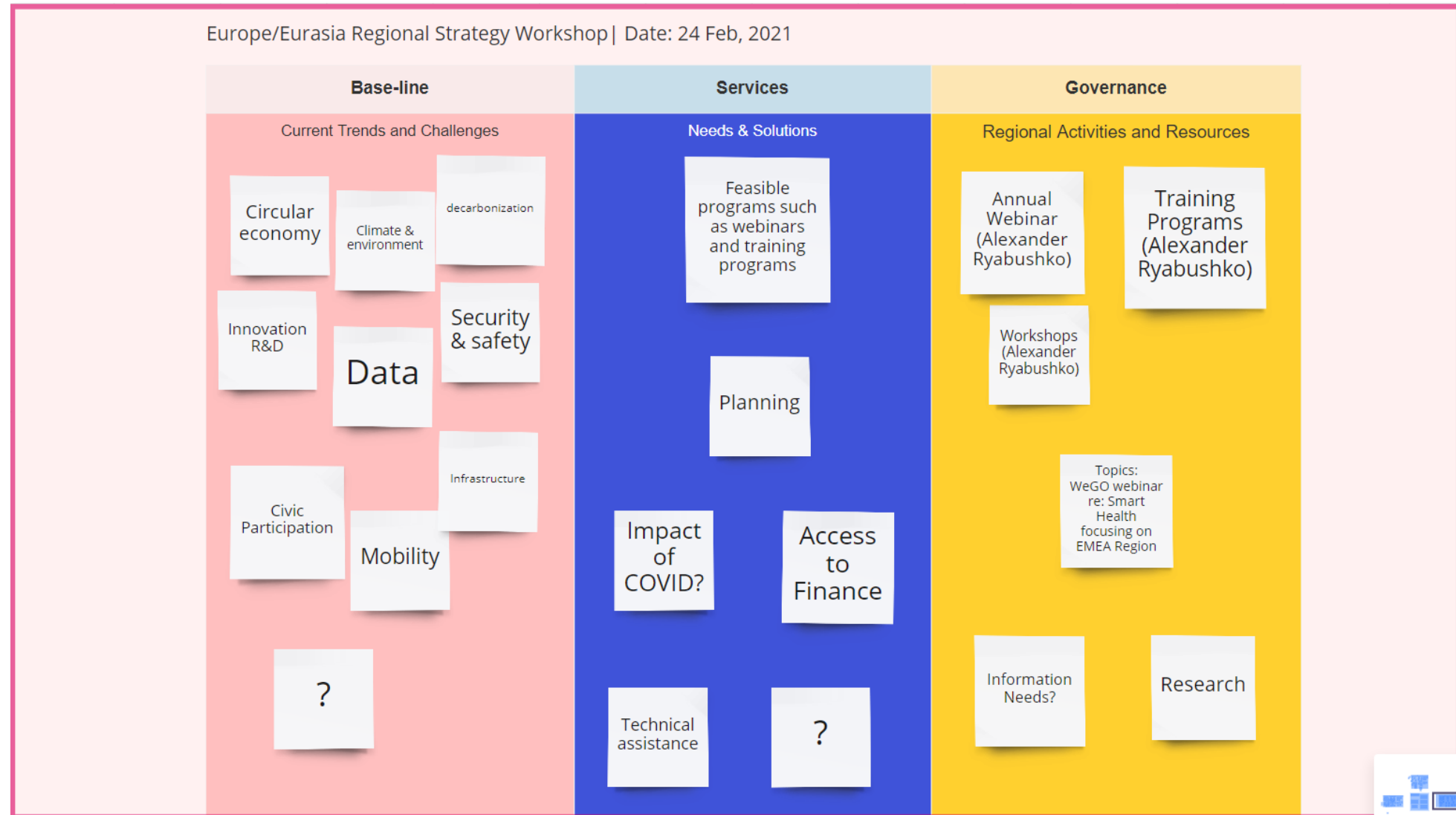
Africa



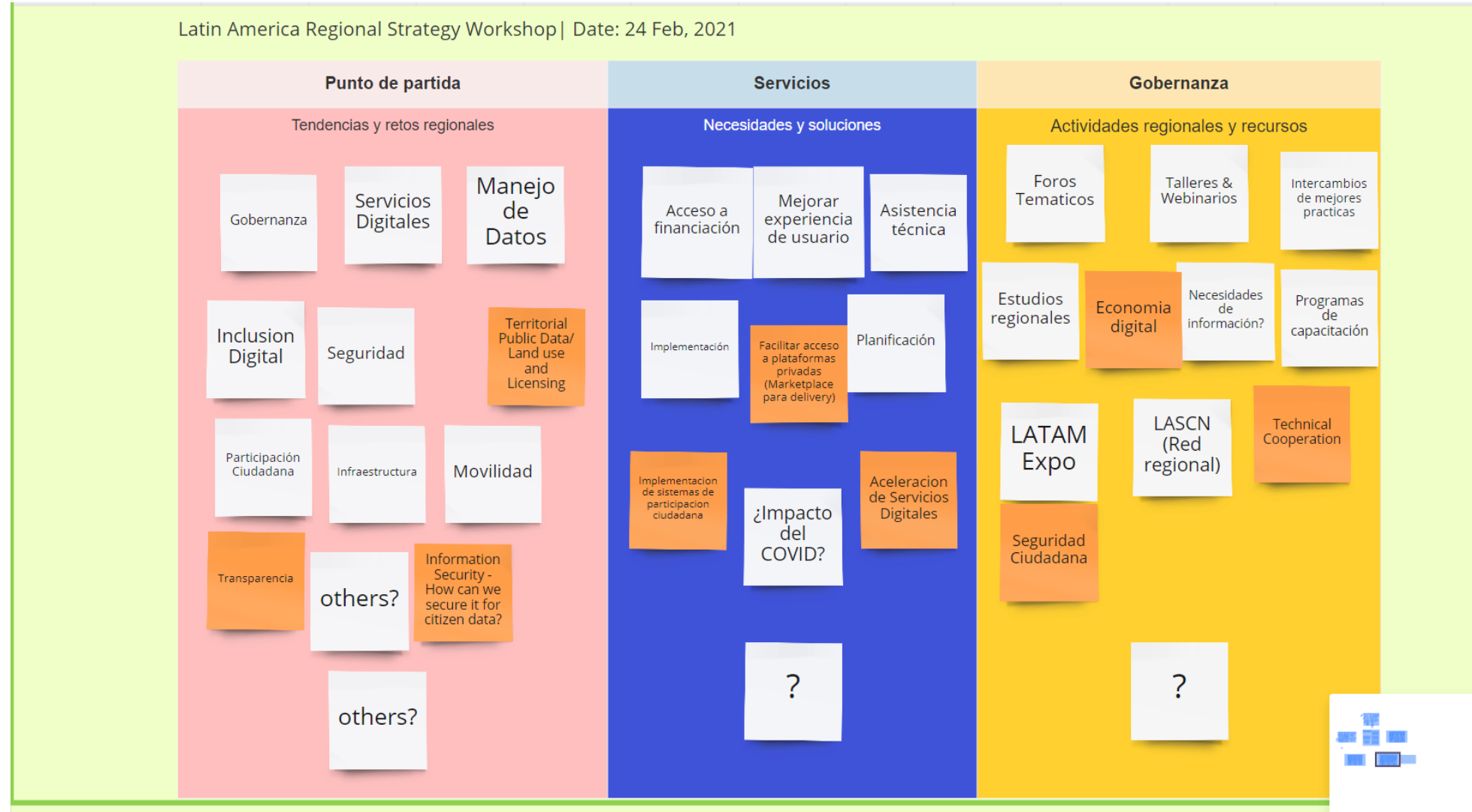
Asia–Pacific



Europe/Mediterranean/Middle–East



Latin America



WeGO 2021 ACTIVITIES KICKOFF

WeGO Briefing Session 2021

WeGO Africa Regional Office Opening Ceremony

WeGO Regional Office Strategy Development Workshop

February 24 | 17:00 (KST)

