# Smart Health Responder Webinar Series

Part 4. 'Smart Technologies for the Next Normal. Exploring the Context of Solutions in Europe, the Middle East and Africa (EMEA)'

> 31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)



# **Opening Remarks**

## Mr. Kyong-yul Lee

Secretary General World Smart Sustainable Cities Organization (WeGO)





# **Opening Remarks**

## Hon. Abdullahi Adamu Candido

## Executive Chairman Abuja Municipal Area Council





## **Program Overview**

#### Mr. Todor Merdjanov

## Smart Health & Corporate Partnerships Officer WeGO





# **Get ready!**

- Update to latest version of ZOOM
- Rename: Full name (affiliation)
  Todor Merdjanov (WeGO)
- Turn off camera & mic
- The webinar will be recorded
- Ask questions in chatbox



3. (Optional) To hear the interpreted language only, click Mute Original Audio.







An international association of



**Local Governments** 



Corporations



National & Regional Institutions

Committed to the transformation of cities into smart sustainable cities.

About WeGO

#### Vision & Mission



#### 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.

About WeGO

Network

210 Members

1563519Local Governments+ Corporations+ Institutions

#### LOCAL GOVERNMENTS | 156



WeGO Activities

## Types of Activities



WeGO Activities

Resources

#### WeGO 2021 Activities



#### **WeGO Brochure**



For more information: <u>http://we-gov.org/</u> For contact: <u>secretariat@we-gov.org</u>

#### **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 (July, 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



#### **Digital Services**

## **Smart Health Responder Webinar Series**

We

#### WEBINAR PART 1/3

Explorin

Sharing COVID-19 measures with local governments, smart tech solution providers, and healthcare profe WEBINAR PART 2/3 The webinar will start at 4:00 PM (KST). Kindly turn off your mic and webcam so as not to interfere with the speakers and the moderator.

The webinar will start at 5 PM (Lima) | 6 PM (New York). Kindly turn off your mic and webcam so as not to interfere with the speakers and the moderator.

#### (RE)CONNECTION IN THE NEW REALITY

This webinar aims to move beyond a discussion solely focused on the challenges and solutions associated with the COVID-19 pandemic by providing members and participants a direct look into life on the ground in cities around the world.

> WeGO is looking for citizens from local government, corporate, and institutional members to create and submit a two minute, minidocumentary style video that displays the daily challenges of life in the new, socially disconnected reality that COVID-19 has brought about.

The overarching topic will be social (re)connection, such as (but not limited to):

Mental health Physical health Job security Family/social relationships Education

#### Americ WEBINAR PART 3/3

(Re)connection in the New Reality

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#### titled "

WeGO

Respor

outbreak.

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This webinar aimed to move beyond a discussion solely focused on national challenges and solutions associated with the COVID-19 pandemic by providing members and participants a direct look into the life of citizens around the world. As people are coping with a new reality, WeGO sought to provide a platform for them to share the challenges and changes they are facing. This was done through prerecorded footage of the daily life of ordinary citizens and a discussion about their experiences with government officials from their respective cities.

# **Part 4.** 'Smart Technologies for the Next Normal. Exploring the Context of Solutions in Europe, the Middle East and Africa (EMEA)'

SESSION I. COVID-19 RESPONSE ACROSS EMEA



Professor George Crooks CEO Scotland Digital Health & Care Innovation Centre

'Delivering Sustainable Health and Care Services in a Post COVID World'

> Ms. Nadine Burbar Deputy Chief Resilience Officer Ramallah City

'Ramallah Measures Over COVID-19"



Mr. Marc-Pascal Lehrich Head of Smart City Integration Engineering ITS

'The Future of Smart Tourism. Reopening City Centers with Digital Technology'

> Doctor Funmi Adewara Founder & CEO Mobihealth International

'Harnessing Health Technologies to Bridge the Gap in Africa's Healthcare Ecosystem in the Era of COVID-19'



#### SESSION II. SOLUTIONS FOR A COVID-19-FREE ENVIRONMENT



Mr. Robert Heinecke CEO Breeze Technologies

'How to Mitigate the Spread of COVID-19 and Mortality with Air Quality Management'

> Mr. Jérôme Voillat CEO Watalux SA



'WATA Technology for Disinfection and Water Treatment'

> PANEL DISCUSSION Moderator: Prof. George Crooks

How do cities leverage smart technology in the fight against COVID-19? How can we ensure safe traveling and movement of citizens? What digital services are on the rise due to the pandemic? Q&A with speakers



## **Session I**

#### COVID-19 Response Across Europe, the Middle East and Africa

31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)





Professor George Crooks CEO Scotland Digital Health & Care Innovation Centre

'Delivering Sustainable Health and Care Services in a Post COVID World'

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B

Health and Care Delivery in a (post) COVID world!



Digital Health & Care Innovation Centre

Transforming great ideas into real solutions

Prof George Crooks OBE

#### Scotland's national innovation centre for digital health and care





Based in the Inovo Building, with a Demonstration & Simulation facility in the TIC building, University of Strathclyde





















# # Think Digita







# Next Generation Services







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#### Personal Data by Determinants of Health













#### LET INNOVATION FLOURISH





#### CONTROL CAN BE OK!





B

## **Developing Best Practice**

DHI's approach:



#### **Person Centred Data Sharing - Infrastructure**





**Personal Integration infrastructure** can bridge between a citizens' broader life and their health and care services

#### Supports person centred, integrated services:

- Strong citizen user control
- Breaks traditional silos
- Respects complexity of user

#### Supports innovation:

- Choice of many suppliers for both citizens and services
- But with a focused, coherent route to integration
- Unfettered innovation centred on citizens

#### **Requires new kinds of effort:**

- More learning needed around how to orchestrate
- Requires acceptance that there may be a variety of suppliers (albeit reuse of common integrations)







#### Contact us

**Digital Health & Care Innovation Centre** 1st Floor, Suite B, Inovo Building, 121 George Street Glasgow, G1 1RD

(m) @dhiscotland www.dhi-scotland.com

#### Join our network



# **Session I**

## COVID-19 Response Across Europe, the Middle East and Africa



Ms. Nadine Burbar Deputy Chief Resilience Officer *Ramallah City* 

'Ramallah Measures Over COVID-19"

31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)





# City Snapshot





## Combating pandemic

# 2020

- •5 March registration of first cases in Palestine: lockdown in infected locations. Closure of educational, tourism and Hospitality entities.
- Full lockdown in Palestine
- Easing the lockdown on stages
- Wave II
- Full lockdown
- Easing the lockdown again
- remote work and education

2021

- Wave III
- registration of new variants
- higher occupancy rate in hospitals
- Higher mortality rate
- vaccination plan in lieu containment measures
- restriction of movement between cities and districts
- March 21 start of vaccination in Palestine.
- Recovery planning

# Ramallah measures: city mitigation

 A proactive response to the pandemic, following a coherent Urban Resilience Strategy that was developed in 2017





#### **EMERGENCY PLAN**

The city council established an emergency team, to set actions in motion. continued work via virtual meetings



Online Open Call for young city volunteer to support neighborhoods during the critical times. More than 700 young volunteers applied.



#### LOCKDOWN MUNICIPAL FACILITIES

City Council made a decision on the 5th of March to close all public parks and municipal facilities



#### SERVICE PROVISION

Municipal service provision focused on solid waste collection, waste water and treatment plants operation. Also, supporting neighboring cities in service provision



#### DISINFECTION

Municipal team does disinfection to various public venues and spaces



#### **EMERGENCY ROOMS**

The city was zoned into 19 neighborhoods to facilitate better services. Use of GIS interactive apps and spatial analysis to document cases, support decision- making and management of incoming requests

# Bridging the gape

- communication and awareness campaigns across social platforms:
  - exchange and be understood
  - facts than fear
  - Health+Environmental impacts
  - be part of the change
- support the eco-system:
  - work with heath-care partners and officials
  - build online-community of credible sources of information



## Digitization facilitate citizens' effective involvement

*New forms of engagement to inform urban governance processes* 





online surveying to collect data, support decision making, event planning, and to share data with partners

E-payments and E-services

online procurement to support the municipality's work during emergency, and to remotely support staff communication and awareness campaigns across social platforms: Communication channels with citizens to manage any complaints or inquiries 400 awareness posts Sharing open-data sources

#### From service recipient to active participants City Volunteers

• Commitment to listening, Understanding, and Working Together



#### Civic engagement in responding to crisis



نحن نبادر ChangeMakers

كل واحد بيلار يحنث نغرا في المطمع .... سيار 4" نحن نبادر " في فراصبة للصبيع تلتعراف على المبادرات المجتمعية أطلقتها بلدية رام الله للتعزيز دورا المواطنة الفاطلة والتشبيك وحلق فرامس لدهم هذه المبادرات من المجتمع وتعريف المؤسسات الداصلة بالإفكار الجنيدة والمبادرات الملسرة لذى الشباب للجل على استدامتها

\* Required



On a yearly basis, the municipality organizes the "Ramallah Spring" an event that invites everyone to plant the city. Due to the current circumstances, the municipality asked citizens to plant their homes.

80,000 plants were
distributed
2500 houses
received plants
150 city volunteers
participated in the
distribution of plants

# Recovery:

- From service recipient to active participants
- The more inclusive we are the more we are able to maintain our resources during crisis
- Communicate to build resilience + build trust during crisis
- partnership for the Goals
- focus on public health physical, mental and wellbeing
- scale-up digital infrastructure in the city
- mobilize resources to support venerable groups and SMEs
- support local community and stakeholders to convert the COVID challenges into opportunities
- put in practice a cultural and social inclusion policy
- increase awareness among city organizations about incorporating resilient practices in their organizational planning

# **Session I**

## COVID-19 Response Across Europe, the Middle East and Africa



Mr. Marc-Pascal Lehrich Head of Smart City Integration Engineering ITS

'The Future of Smart Tourism. Reopening City Centers with Digital Technology'

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### THE FUTURE OF SMART TOURISM

Reopening of City Centers with Digital Technology

**Marc-Pascal Lehrich** 

March 31, 2021







# Smart tourism in Bamberg

As a World Heritage site, the city is very attractive for tourists. Overcrowding at certain times in certain areas of Bamberg is a nuisance for guests and locals alike.

Especially during and after the corona crisis, we must find a solution that helps to establish a safe movement into our cities.

We have developed a solution to this problem.



https://www.smart-city-dialog.de/

## How we will support them?





## **ENGINEERING** Culture App - Antwerp





Select Tour Highlights

Find Pols on a map



Individual Routing

1	Conscienceplein
r►	Turn right onto Wijngaardbrug 751.2 mt
1	Turn left onto Werfdoorsteek 230.7 mt
1	Turn left 162.9 mt
r	Turn right onto Van Wesenbekestraat
4	Turn left onto Koningin Astridplein 63.5 mt
1	Continue onto Koningin Astridplein 143.5 mt
4	Turn left 82.4 mt

Individual Routing



## **Together we build your Smart City**

#### **Smart City Network Central access** Data marketplace **New services Smart City platform Open Source** Powered by SFIWARE Environment & Industry & Modern citizen Mobility Participation sustainability economy services





# **ENGINEERING** Germany









CONTAKT

## Thank you!



#### **Marc-Pascal Lehrich**

E-Mail: Marc-Pascal.Lehrich@eng-its.de Mobil +49 151 1955 6107



www.eng-its.de



# **Session I**

## COVID-19 Response Across Europe, the Middle East and Africa



**Doctor Funmi Adewara** Founder & CEO *Mobihealth International* 

'Harnessing Health Technologies to Bridge the Gap in Africa's Healthcare Ecosystem in the Era of COVID-19'

31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)







Harnessing Health Technologies To Bridge The Gap in Africa's Healthcare In COVID-19 Era



### DR FUNMI ADEWARA CEO MOBIHEALTH INTERNATIONAL

31<sup>st</sup> MARCH 2021



## HEALTH CARE CHALLENGES IN AFRICA

Increased Access, Increased Efficiency, Consistent Quality & Improved Patient Experience – How do we manage priorities effectively?

#### Shortage of Doctors. Poor Healthcare Infrastructures



The COVID-19 Pandemic has made the adoption of telemedicine expedient



#### **TELEMEDICINE CAN BRIDGE THE SUPPLY GAP!**





# Doctors' exodus now Page 2 more alarming, says NMA

60 doctors dump Lagos hospitals every six months – NMA
700 doctors leave Nigeria annually, says 1<sup>st</sup> Vice-President
All my mates have left Nigeria – United States-based doctor



#### **Africa's Doctor : Population Ratio**

**Global disease burden: 25%** World doctors: 2% Nigeria: 40K- 200m (1:5000) Mozambique: 694 to 26m (1:37,000)Ethiopia: 3158 to 115m (1:36,407) Kenya: 7333 to 46.6m (1:16,000) Rwanda: 1350 to 12m (8,888) Ghana: 3365. - 29.7m (1:8826)
### **TELEMEDICINE: DIGITAL HEALTH SOLUTIONS & ENABLERS FOR ADOPTION IN AFRICA**







Mobihealth



#### Market Opportunity

- ~500M mobile users, 90% mobile pen
- 30% Smart Phone users; >25K Apps
- Global Telemedicine Market: \$130bn
- CAGR: 20-25%

#### •Africa & ME: \$.5.4bn market Medication Apps:

 RxAll (Nigeria): (World 1<sup>st</sup> Counterfeit Detector Pelebox (SA): A smart medicine dispensary locker

#### Remote Care

- Mobihealth (Nigeria, UK, US, Pan African)
- Omomi- Pregnancy app
- Babylon Health (Rwanda, UK,US).

#### POCT:

- Mobihealth-Echonous POCUS
- Matibabu (Uganda): App based malaria clip test. Detects Plasmodium 83% Accuracy.
- **Peek (Kenya):** a smart-phone based portable eye examination kit.









## **DIGITAL HEALTHCARE TRENDS & SOLUTIONS**



#### Ultrasound for Pregnant Women

Mobihealth's Diagnostic Tele-Ultrasound Services

Staffed by Local and International Medical Experts

Mobihealth's Pregnancy Ultrasound Screening

**Prostate and Bladder Ultrasound** Mobihealth's Diagnostic 4-

♣

Tele-Ultrasound Services

Staffed by Local and International Medical Experts

Mobihealth's Ultrasound Screening: <sup>©</sup> Bladder & Prostate Artificial Intelligence as Healthcare's New Nervous System

Big Data & Analytics for Prevention and Intervention.

The Internet of Medical Things and Wearable Devices.

Telemedicine as New Healthcare Reality.

Virtual / Augmented / Mixed reality in Medicine







# MODEL TELEHEALTH PROVIDER IN NIGERIA









# HOW IT WORKS?



**B. TOLL FREE** 



A. SMART PHONE

#### C. TELEHEALTH CLINICS (SOLAR + SATCOM) FOR RURAL AREAS



# ADVANTAGES OF TELEHEALTH



- Patient-Centred approach
- Quality and accessible medical care
- High treatment adherence level
- Minimises inadvertent exposure to Covid-19
- New communication channels
- A cost-effective way of delivering health care
- Development of transferable technological skills





# MARKET OPPORTUNITIES







# MARKET OPPORTUNITIES



Mobihealth's target markets with this fundraise are Nigeria, Rwanda, Ethiopia, Kenya, Egypt & Ghana.

These countries were carefully selected based on a criteria that takes into consideration:

- Mobile Penetration
- Ease of doing Business
- Government Policy
- Size







- Lack of cohesive digital health policies: Licensing, privacy, confidentiality, data security (HIPPA Compliance).
- ➢ Funding: National and Global Constraints
- Fragmentated solutions, lack of interoperability
- ➤ Lack of EMR
- Digital infrastructure
- ➢Internet Access: Quality and cost
- ➤Cost of care
- Accessibility: Widening inequality gap



# CONCLUSION





Growth in digital solutions for health will happen through a combination of government, donor, and private-sector initiatives.

Digitization; a dominant concept in the transformation of the health industry in the forthcoming decades.

Cohesive, single market is the fastest route to inclusive sustainable growth!



# **Session II**

## Solutions for a COVID-19-Free Environment

Mr. Robert Heinecke CEO Breeze Technologies

'How to Mitigate the Spread of COVID-19 and Mortality with Air Quality Management'

> Mr. Jérôme Voillat CEO Watalux SA

'WATA Technology for Disinfection and Water Treatment'



31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)



# **Session II**

## Solutions for a COVID-19-Free Environment



**Mr. Robert Heinecke** CEO *Breeze Technologies* 

'How to Mitigate the Spread of COVID-19 and Mortality with Air Quality Management'

31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)





# BREEZE TECHNOLOGIES

AN INDUSTRY LEADER IN AIR QUALITY SENSORS, DATA AND ANALYTICS

# Breeze Technologies: Company profile



Leading provider of air quality sensors, data & analytics. Research & development since 2015. Established in 2017, cashflow-positive since 2018.



endorsed by

Bundesministerium für Wirtschaft und Energie



















# Clean air is the very foundation of human needs



Optimisation of use and operations of office buildings developed from floor-space to environmental management.



The increasing focus on energy efficiency - and thereby building insulation - led to strong decreases in the average air quality in office buildings. Studies found that up to 30% of new and remodeled buildings are the subject of excessive complaints related to indoor air quality.



# Main urban air pollutants & their effects

PMx

NO<sub>2</sub>

 $SO_2$ 

CO

**Particulate matter** are particulates that are suspended in the air. Sea salt, black carbon, dust and condensed particles from certain chemicals can be classed as PM pollutants.

**Nitrogen dioxide** is formed mainly by combustion processes such as those occurring in car engines and power plants.

O<sub>3</sub> Ground-level **ozone** is formed by chemical reactions (triggered by sunlight) involving airborne pollutants.

**Sulphur dioxide** is emitted when sulphurcontaining fuels are burnt. As many regions have introduced sulphur reduction legislation, the **induistey** remains a main source of SO<sub>2</sub>.

**Carbon monoxide** is formed during combustion of fuels (e.g. in heating, transportation). Poor combustion gives increased CO emissions.

Source: Breeze Technologies / European Environment Agency / UN



# Air pollution and Coronavirus spread risk and mortality

Increased levels of air pollution are suspected to increase Covid mortality (e.g. Ogen, Yaron (2020))

Particulate matter is suspected to be a viral vector, through which viruses are travelling through the air faster



The current CO<sub>2</sub> concentration as a tracer for human breadth can be used as an indicator for sufficient clean air at the workplace

The German Federal Agency for the Environment (UBA) and the German Work Protection Agency (BAuA) have have implemented mandatory regulation to reduce Coronavirus spread risk at the workplace



# SARS-CoV-2 Work Protection Regulation (Germany)

#### 4.2.3 Ventilation

[...]

(2) By increasing ventilation, i.e. replacement of air in the room with a direct or indirect air stream from outside, the
concentration of potential virally contaminated aerosols in the air can be reduced.

(3)[...] To assess indoor air quality the concentration of  $CO_2$  can be used. [...] Based on ASR A3.6 a  $CO_2$  concentration of up to 1.000 ppm is still acceptable.

[...]







By increasing (indoor) air quality, you increase the health and productivity of your colleagues and employees.

Breeze Technologies is a leading provider of AI-enabled air quality sensors, data and analytics.



Air quality sensors & data



**Cloud-based analytics** 



**Recommended clean air actions** 



# The air quality sensors of Breeze Technologies are monitoring all important air quality parameters in real-time.



#### Key benefits

- Real-time and hyperlocal air quality data (measurement every 30 seconds)
- Hourly, daily and other aggregates available following current air quality legislation
- Modular design to reduce electronic waste, small size
- CE- and EMC-tested
- 3-step calibration process to adjust to local environmental parameters
- Data available as JSON, CSV and XLS(X)

#### Available data transmission standards



# Through a central cloud platform, air quality data and building performance can be analysed in real-time.







# The current air quality is moderate.

Last update: 14.04.2020, 10:17:06



# Your route towards better air quality

Positioning of sensors based on VDI 3492

Continuous Monitoring of all importantairquality parameters

Visualisation of current data for space users (optional)





# Selected references



Gründung 2015, 2017 Umfirmierung zur UG Hauptsitz: Hamburg



# Customer case: Digital Hub Logistics Hamburg



**DIGITAL HUB LOGISTICS HAMBURG** 



As part of their **Coronavirus prevention strategy**, the **Digital Hub Logistics** in Hamburg is monitoring air quality with Breeze Technologies' air quality sensors.

Sufficient **supply of fresh air** is ensured through monitoring CO2 and VOC levels in real time and visualising the data to the users of the co-working spaces. Based on this data, an individual **Covid-19 spread risk** is calculated.



# Customer case: E.ON

# eon



The **utility company E.ON** used our solutions to monitor indoor air quality at their global headquarters in Essen, Germany.

The goal: better understanding air quality, and optimising workspace health and wellbeing for their colleagues.



## Breeze Technologies: Solution verticals

#### **Indoor Air Quality**

Monitor building performance Improve employee health Ensure colleague wellbeing Align employer branding



#### **Urban Air Quality**

Get hyperlocal information Improve clean air actions Involve citizens Integrate smart city solutions



#### **Industrial Immission**

Detect emission events Identify leak emissions Monitor external pollution Communicate to residents



**Environmental Intelligence** 



# JOIN OUR CAUSE Artificial intelligence and IoT against air pollution

Robert Heinecke | Co-Founder & CEO | <u>robert@breeze-technologies.de</u> <u>www.breeze-technologies.de</u>

# **Session II**

## Solutions for a COVID-19-Free Environment



**Mr. Jérôme Voillat** CEO *Watalux SA* 

'WATA Technology for Disinfection and Water Treatment'

31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)



#### **WATALUX SA**

### IMPROVING HEALTH CONDITIONS FOR THE MOST VULNERABLE IN THE COVID-19 PANDEMIC


# WATALUX SA CONCERNING HEALTH ISSUES





Producing onsite chlorine easily

















# WATALUX SA QUALITY CONTROL AND REAGENTS



WataTest Chlorine concentration test



WataBlue Residual chlorine test



#### WataStab

Chlorine concentration stabilizer





- Health care facilities
- □ Water pipe systems
- Emergency relief
- □ Social businesses
- Prisons
- **Schools**



#### Geneva



Jérôme Voillat CEO



Mami Daba Fam

Thior

СТО



Estelle Sontsa COO





R

Manon Renfer CCO

#### Representative



### **WATALUX SA**

## FOCUS ON COVID19 RESPONSE PLANS

- Sodium hypochlorite is useful to prevent Covid19 infections
- Implementing Wata technology avoids the risks of disinfectant shortages
- Low cost and on-site production
- Volumes adapted to the actual needs
- Easy to operate, no logistics constraints
- Adapted to remote and isolated locations



### **WATALUX SA**

### **FOCUS ON COVID19 RESPONSE PLANS**



#### Chad (2021)

- 1.5 million beneficiaries
- 36 health centres equipped with 36 WATA
- Client: Ministry of Health of Chad
- Funding: SDC
- · Local partner: Comeca Sarl



**Burkina Faso** 

#### 300'000 beneficiaries

- 59 health centres
- equipped with 75 WATA
- Client: Ministry of Health of Burkina Faso
- Funding: SDC
- Local partner: Burex-3eA



Benin

- 150'000 beneficiaries
- 19 health centres
- equipped with 34 WATA
- Client: Ministry of Health of Benin
- Funding: GIZ
- Local partner: Burex-3eA

#### **WATALUX SA**

## **MEASURING OUR IMPACT**

- Impact assessed thanks to the digital tool Mwater
- Live data collected during field visits performed by our local partners



- Monitoring of the sites and the devices implemented
- Diagnosis and evaluations proposed prior and after project implemenation phases







Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

Direction du développement et de la coopération DDC



















### **THANK YOU**



# Panel Discussion

How do cities leverage smart technology in the fight against COVID-19?

How can we ensure safe travelling and movement of citizens?

How can stakeholders collaborate to make cities more resilient to health crises?

Q&A with speakers

31 March, 2021 07:00 – 08:15 AM GMT (UTC +0)





**Professor George Crooks** CEO Scotland Digital Health & Care Innovation Centre

MODERATOR

#### **GUEST PANELISTS:**

**Ms. Melis Kaplangi** Head of Foreign Affairs *WeGO Mediterranean Regional Office, Beyoglu* 

Mr. Lovey Pule Deputy Director of Communicable Disease Programme *City of Tshwane* 

Mr. Francisco Javier Ridruejo Pérez Technical Secretary RECI Spain

# WeGO Activities 2021 Activities

## Q1

2021WeGO Activities Kickoff | Feb

Smart Technologies for the Next 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 Tech Korea Expo | Jun

6<sup>th</sup> South Asian Cities Summit | **TBD** 

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

## **Q3**

Customizing Smart Solutions for LATAM | Jul

Smart Health Responder Workshop for Joint Expansion with Partners | 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 5<sup>th</sup> General Assembly | **TBD** 

Smart City Expo LATAM Congress | **TBD** 

Project Pitching Day for Smart City Investors | Dec

# Thank you.

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