



Contribution to SDGs













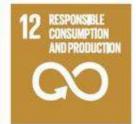
























Slide, Title Presentation | City Cancer Challenge

Sustainable Development Goals



The Need



54% of the world's

population already lives in cities, rising to an estimated 66% by 2050



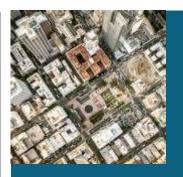
1 in 3

1 in 3 people in the world is affected by cancer, at a cost of more than \$1 trillion per year worldwide



70%

NCDs in general account for 70% of all deaths worldwide, making them the leading cause of global mortality



70%

~70% of cancer deaths occur in developing countries

^{1.} United Nations, Department of Economic and Social Affairs, Population Division 2016. The World's Cities in 2016. http://www.un.org/en/development/desa/population/publications/pdf/urbanization/the_worlds_cities_in_2016_data_booklet.pdf (accessed March 2019). UN-Habitat. Urbanization and development, Emerging Futures 2016. http://wcr.unhabitat.org/wp-content/uploads/2017/02/WCR-2016-Full-Report.pdf (accessed March 2019).



2017 2018 2019

Cali, Colombia

2017

Ascunción, Paraguay

2017

Yangon, Myanmar

2017



Our History



Our History



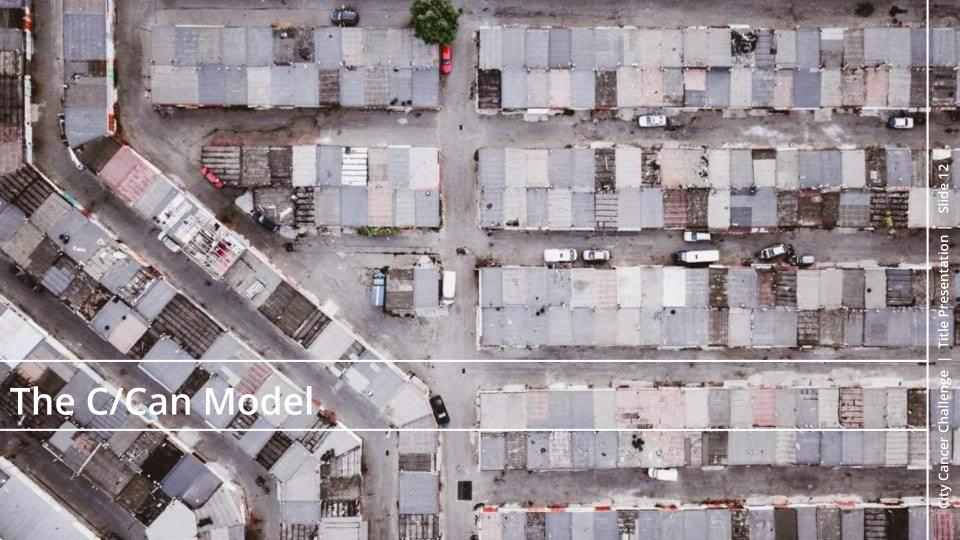
Our History



Our cities

To date, seven cities have committed to take up the City Cancer Challenge:





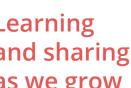
Guiding Principles

Cities take

the lead



Learning and sharing as we grow





The power of partnerships

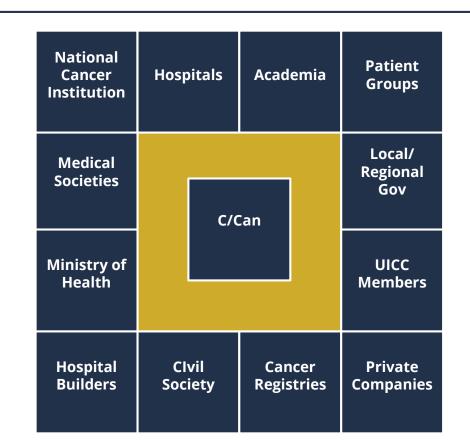
City-Focused Collective Action

A truly multi-sectoral initiative.

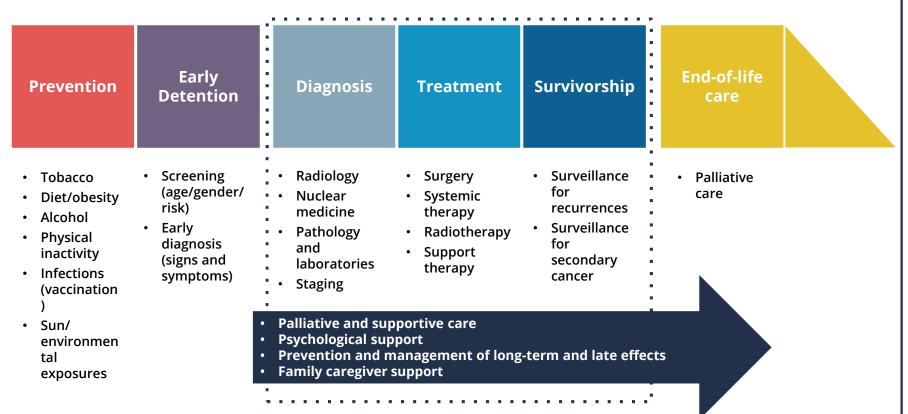
Focused on health systems strengthening, health workforce training, capacity building, and sustainable health financing through the lens of improving access to cancer treatment and care.

Cities take the lead in the design, planning, and implementation of cancer care solutions to improve the health of their citizens and reduce inequities in access to quality care.

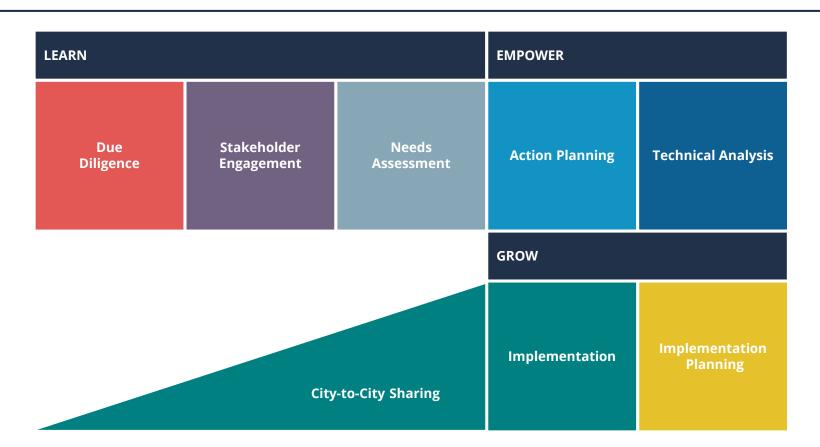
Taking a **health systems approach** to achieve a reduction in premature mortality from cancer.



The Cancer Care Continuum



The C/Can Model



Stakeholder Engagement

MoU signatures

Executive Committee

Technical Committees

Implementation Partners

Core Cancer Services

Management of Cancer Services

Quality of Care

Community Access

- Education & Pathology
- Clinical Laboratories
- Blood back & hematology lab
- Medical Oncology/ Adult Hematology
- Surgical Oncology
- Pediatric Oncology /Hematology
- Radiotherapy
- Medical Imaging Radiology
- Medical Imaging -Nuclear Medicine
- Palliative and Supportive care

- Professional development
- cancer services

Management of

- Budget /Finance
- Hospital statistics/ performance management

- Medical ethics & patient-centred care
- Guidelines and protocols
- Acquisition & management of cancer data
 - Workplace
 Health & Safety

- Primary and secondary health care
- Medical care networks for oncology
- Patient perspective / survey

City Cancer Challenge Solutions

1. Cooperation and Collaboration

Dialogue, cooperation, and coordination among key institutions and stakeholders at the city level to develop or strengthen policy, processes and protocols for the delivery of quality cancer care.

3. Developing Human Capital

A one-off financial contribution needed to train and develop the skills of people who are contributing to the quality and impact of city cancer plans.

2. Technical Assistance

Sharing and transfer of information, working knowledge and expertise provided by regional or international specialists, including in-kind support of skills training and expert technical assessments in cancer treatment and care.

4. Sustainable Investment

Long-term investment of financial resources in cancer care and treatment projects that generate cash flows.



Health Financing Solutions

Health Financing Solutions

The City Health Financing Lab (CHFL) is a core component of the City Cancer Challenge which aims to advance sustainable financing for cancer and NCD treatment solutions that improve access to care for people living in cities around the world.

The CHFL advances solutions at city, national, and global level by:

Catalysing cancer investments in <u>CITIES</u>

The CHFL works directly with C/Can cities in low- and middle-income countries (LMICs) to shape their healthcare needs into innovative and investable solutions that will attract new financing to the city.

Addressing <u>NATIONAL</u> access to care

Through the development of multisectoral partnerships, the CHFL helps to catalyse access solutions at the national level that support governments to achieve Universal Health Coverage (UHC) which includes access to quality treatment and care for cancer and NCDs.

Increasing <u>GLOBAL</u> financing for the treatment of cancer and NCDs

To address the global financing gap and ensure that new funds are accessible for NCD treatment and care solutions, the CHFL brings the on-the-ground experience of developing an investable pipeline of city health solutions to bear on global advocacy efforts and the development of new global funds.

1,100+

Datapoints across 4 areas Management of Cancer Services

Core Cancer Services

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Community Access

7 cities

Data to be available for 7 cities by the end of 2019

Data to be available

for 20 cities by the end of 2025

20 cities

2019

2025

Evidence of the problem: Gaps in access to quality cancer care

Through the City Needs Assessment process, City Cancer Challenge is generating a unique, rich, qualitative and quantitative dataset

Data contributed in just the first four key learning cities 80+

Health Facilities

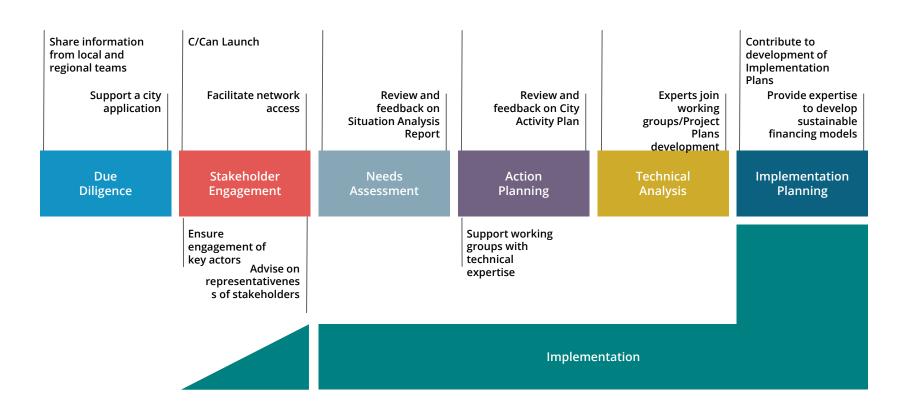
Health Professionals 650

Patients

2019

As of January
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collected and
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powerful online
platform (REDCap)
providing capacity
for sophisticated
analysis and
reporting.

Partnership Engagement Framework



Other Opportunities

Partnering with C/Can

- Join media and PR activities to support the local team to increase awareness of C/Can
- Share existing ongoing cancer care activities/ programmes with C/Can city manager to ensure coordination and stream line efforts
- Share calendar of events for 2019 which we could partner to promote C/Can
- Support our Dialogue Series on harnessing the power of data to help citydwellers lead healthier, longer lives.
- Co-develop World Cancer Day 2020 campaign -. Global Call for application
- Regional Cooperation event in Latam 2020

Current Partners (Global)

Strategic Partners









Implementation Partners

























Collaborative Partners









Examples of Partners Engagement

1



Supported Asuncion and Cali C/Can Executive Committee with media and public speaking training.

Co-led the organisation of the First Public Policy Cancer Forum in Cali with the pharmaceutical companies engagement, which was replicated in Kumasi.

At global level, supporting assessment of CCan scalability plan, including the creation of a checklist for new cities willing to expand.

2



Supported a feasibility study for the implementation of oncology functional units at Hospital Universitario del Valle in Cali.

Shared study results with C/Can at the 2018 World Cancer Congress

3



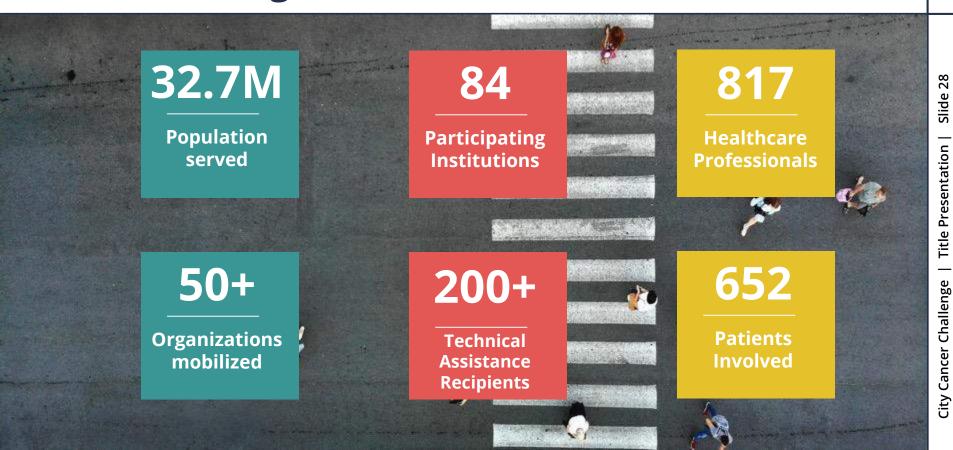




Designated experts who joined the Cali Radiotherapy working group to review the draft plan for development of radiotherapy services in the city and a quality assurance programme



Current Impact







Winning High-Level Political Commitment Regional

LATAM REGIONAL FORUM 'Financing Sustainable Cancer Control Solutions in Latin America' Uruguay, April 2018



Asuncion, Paraguay: National Cancer Legislation and Funding

C/Can Executive Committee led the drafting of the first-ever Cancer Law in Paraguay.

Creates a National Cancer Program to provide access to comprehensive services for cancer control.

Establishes a multi-sectoral National Cancer Advisory Board with representatives from private and public hospitals, the Ministry of Health, pharmaceutical companies, and the National Council for Research and Technology

Result: 50 million USD funding for 2019, 100 Million for 2020

Technical Assistance: Enhancing Capacity in Myanmar

Global NGOs, private sector organisations and UN agencies

have started working on the ground through advisory missions, providing tailored training and delivering technical assistance to enhance cities' capacities in all areas of cancer care.









- First Public Policy Cancer Forum with the Pharmaceutical Companies engagement
- Regional government set up the Cancer Roundtable to align City Cancer Challenge efforts across the region
- Increased government investment towards the public hospital
- Reintroduction of the HPV vaccine
- Establishment of a Patient Call center
- Access to UICC network at regional and global level. Increasing international exposure and support towards Colombia.
- Increase industry reputation and media awareness
- Effective resource mobilization across the industry in response to City Cancer Challenge plans.
- National Minister of Health taking best practices at national level



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Board of Directors 2/2

Kolleen Kennedy	Varian	Executive Vice President & President of Oncology Systems	United States
Mark Middleton	Icon Group	Group CEO	Australia
Adolfo Rubinstein	National Ministry of Health	Minister of Health	Argentina
Luis Miguel Castilla Rubio	Inter-American Development Bank	General Manager, Office of Strategic Planning & Development Effectiveness	United States
Jörg-Michael Rupp	Roche Pharma International	Head of International SMC (137 Small and Medium Countries) & Member, Pharmaceuticals International Leadership Team	Switzerland

Gracias

Examples of Partners Engagement

1



Providing guidance and training on quality control for laboratory profesionals in all cities.

Strengthening laboratories network capacity in all cties.

2



Supporting the development of guidelines and protocols for the management of the most prevalent cancers

Provide training of human resources through tele mentoring and profesional exchanges

Delivered MCMC – Miltidisciplinary Cancer Mnagament Courses 3







Designated experts who joined the Cali Radiotherapy working group to review the draft plan for development of radiotherapy services in the city and a quality assurance programme

4

Current Partners (Global)

Strategic Partners









Implementation Partners

























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Slide, Title Presentation | City Cancer Challenge

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Cali, Colombia

Total Population: 2.4 million

Population Reached by Healthcare Facilities: 9 million

Cancer Incidence (per 100,000): 178.8

Cancer Mortality (per 100,000): 79.2

Premature Cancer Rate (per 100,000): 57.7

Most Common Cancer Sites - Male: **Prostate**, **stomach**, **colorectum**, **lung**, **non-Hodgkin lymphoma**

Most Common Cancer Sites -Female: **Breast**, **colorectum**, **thyroid**, **cervix uteri**, **stomach**



LATAM: Asunción

Asuncion - MOU signatories

- Municipalidad de Asuncion ***
- Ministerio de Salud Publica y Bienestar
 Social ***

Asunción - Executive Committee Members

- Municipalidad de Asuncion ***
- Grupo San Roque
- Instituto de Previsión Social
- Universidad Nacional de Asunción, Facultad de Medicina
- Universidad Nacional de Asunción. Hospital de Clínicas

- Autoridad Regulatoria Radiológica y Nuclear
 - Instituto Codas Thompson
- Ministerio de Salud Publica y Bienestar
 Social ***
- Instituto Nacional del Cancer, MSPBS
- Programa Nacional de Control del Cancer,
 MSPBS
- Fundacion Unidos Contra El Cancer (FUNCA)
- Fundación ReNACI

Asunción, Paraguay

Total Population: 2.1 million

Population Reached by Healthcare Facilities: 6.89 million

Cancer Incidence (per 100,000): 263.4

Cancer Mortality (per 100,000): **130.7**

Premature Cancer Rate (per 100,000): 66

Most Common Cancer Sites - Male: **Prostate**, **lung**, **colorectum**, **bladder**, **kidney**

Most Common Cancer Sites -Female: **Breast**, **colorectum**, **lung**, **pancreas**, **thyroid**



LATAM: Cali

Cali - Executive Committee Members

- Secretaría Departamental de Salud Valle del Cauca
- Secretaría de Salud Pública Municipal Cali
- Fundación Valle del Lili
- Centro Médico Imbanaco
- Hospital Universitario del Valle

- Universidad del Valle -Registro Poblacional de Cáncer - Cali
- Universidad del Valle Facultad de Salud
- Unicáncer
- La Asociación Colombiana de Empresas de Medicina Integral (ACEMI)
- Emssanar
- Fundación Pediatras Oncohematólogos (POHEMA)
- Asociación de Pacientes de Cáncer
- Servicio Occidental de Salud (SOS)
- Clinica de Occidente
- Ministerio de Salud y Protección Social
- Instituto Nacional de Cancerología

Porto Alegre, Brazil

Total Population: 1.4 million

Population Reached by Healthcare Facilities: tbd

Cancer Incidence (per 100,000): 217.2

Cancer Mortality (per 100,000): 91.3

Premature Cancer Rate (per 100,000): 70.8

Most Common Cancer Sites - Male: **Prostate**, **colorectum**, **lung**, **stomach**, **bladder**

Most Common Cancer Sites -Female: **Breast**, **colorectum**, **thyroid**, **cervix uteri**, **lung**









LATAM: Porto Alegre

Porto Alegre MOU signatories

- Governor of State of Rio Grande do Sul
- Mayor of City of PoA
- Federação Brasileira de Instituições
 Filantrópicas de Apoio à Saúde da Mama (FEMAMA)
- Hospital Moinhos de Vento

Porto Alegre - Executive Committee Members

- Federação Brasileira de Instituições
 Filantrópicas de Apoio à Saúde da Mama (FEMAMA) ***
- Hospital Grupo Conceição
- Hospital de Clínicas de Porto Alegre
- Hospital Presidente Vargas

- Hospital Santa Casa
- Hospital São Lucas da Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS)
- Instituto Nacional de Câncer José Alencar Gomes da Silva (INCA)
- Latin American Cooperative Oncology Group (LACOG)
- Sociedade Brasileira Cirurgia Oncológica -Regional RS
- Sociedade Brasileira de Oncologia Clínica (SBOC)
- Sociedade Brasileira de Radioterapia (SBRT)
- Unimed Porto Alegre
- Hospital Moinhos de Vento ***
- Secretaria Municipal de Saúde

Kumasi, Ghana

Total Population: 2 million

Population Reached by Healthcare Facilities: 4.78 million

Cancer Incidence (per 100,000): 125.5

Cancer Mortality (per 100,000): 86.7

Premature Cancer Rate (per 100,000): 69.4

Most Common Cancer Sites - Male: **Prostate**, **liver**, **colorectum**, **non-Hodgkin lymphoma**, **stomach**

Most Common Cancer Sites -Female: **Breast**, **cervix uteri**, **ovary**, **liver**, **colorectum**









Africa: Kumasi

Kumasi - MOU signatories

XX

Kumasi - Executive Committee Members

- Ministry of Health
- Ghana Health Service
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly
- Komfo Anokye Teaching Hospital
- Kwame Nkrumah University of Science and Technology
- National Health Insurance Authority (NHIA)
- Peace & Love Hospital / Breast Care International
- Breast Care International

Kigali, Rwanda

Total Population: 1.32 million

Population Reached by Healthcare Facilities: tbd

Cancer Incidence (per 100,000): 937

Cancer Mortality (per 100,000): 98.7

Premature Cancer Rate (per 100,000): 86.1

Most Common Cancer Sites - Male: **Prostate, Kaposi** sarcoma, stomach, liver, lymphoma

Most Common Cancer Sites -Female: Cervix, breast, stomach, liver, lymphoma









Africa: Kigali

Kigali MOU signatories

- The City of Kigali
- The Minister of Health
- The Rwanda Palliative Care and Hospice Organization
- The Polyfam Clinic

Kigali - Executive Committee Members

- Mayor, City of Kigali
- Vice Mayor/ Social Affairs, City of Kigali
- Director General of Social Development Unit, City of Kigali
- Director of Public Health and Environment Unit, City of Kigali
- Public Health Officer, City of Kigali

- Personal Advisor of C/Can to the Mayor, City of Kigali
- Rwanda Military Hospital
- Kigali Teaching University Hospital
- School of Public Health, University of Rwanda,
- Rwanda Biomedical Center
- MUHIMA District Hospital
- Hospice St Jean-Paul II
- Rwanda Children's Care Relief
- Rwanda NCD Alliance
- Rwanda Biomedical Center, NCDs Division
- Rwanda Social Security Board
- Polyfam Clinic
- Breast Cancer Initiative East Africa INC.
- Rwanda Palliative Care and Hospice Organization
- Ministry of Health
- King Faisal Hospital

Yangon, Myanmar

Total Population: 7.36 million

Population Reached by Healthcare Facilities: 16.81 million

Cancer Incidence (per 100,000): 130.9

Cancer Mortality (per 100,000): 98.0

Premature Cancer Rate (per 100,000): 85.6

Most Common Cancer Sites - Male: Lung, stomach, liver, esophagus, colorectum

Most Common Cancer Sites -Female: Cervix uteri, breast, lung, stomach, colorectum



Asia: Yangon

Yangon MOU signatories

- Department of Public Health, Ministry of Health and Sports
- Department of Medical Services, Ministry of Health and Sports

Yangon - Executive Committee Members

- Yangon Region Government
- Ministry of Health and Sports (MOHS),
 Department of Medical Services
- Myanmar Medical Association
- Adviser to Union Minister on Oncology, Myanmar Oncology Society
- Yangon General Hospital, Hospital Administration

- Ministry of Health and Sports (MOHS).
 Department of Public Health
- Ministry of Health and Sports (MOHS),
 Department of Non Communicable Diseases (NCDs)
- Shwe Yaung Hnin Si Cancer Foundation
- Yangon General Hospital, Department of Medical Oncology
- Central Women's Hospital, Hospital
 Administration
- Yangon Children's Hospital, Dept. of Haemato-Oncology
- U Hla Tun Cancer Foundation
- Myanmar Private Hospitals' Association

Tbilisi, Georgia

Total Population: 1.06 million

Population Reached by Healthcare Facilities: tbd

Cancer Incidence (per 100,000): 143.2

Cancer Mortality (per 100,000): 87.9

Premature Cancer Rate (per 100,000): 76.0

Most Common Cancer Sites - Male: Lung, prostate, stomach, colorectum, bladder

Most Common Cancer Sites -Female: **Breast**, **corpus uteri**, **colorectum**, **cervix uteri**, **stomach**









Europe: Tbilisi

Tbilisi MOU signatories

- Ministry of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia
- Tbilisi City Hall, Department of Healthcare and Social Services
- Georgian Patients' Union, UICC Member Organization
- City Cancer Challenge Foundation

Tbilisi - Executive Committee Members

- Ministry of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia
- Department of Healthcare and Social Services, Tbilisi City Hall

- Georgian Patients' Union, UICC Member Organization
- Europa Donna Georgia
- National Center for Disease Control and Public Health
- Tbilisi State Medical University
- Todua Medical Center
- Mardaleishvili Medical Center
- Georgian Group of Young Oncologists
- Universal Medical Center
- Parliament of Georgia









Story 1

Asuncion, Paraguay: National Cancer Legislation and Funding

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Creates a National Cancer Program to provide access to comprehensive services for cancer control.

Establishes a multi-sectoral National Cancer Advisory Board with representatives from private and public hospitals, the Ministry of Health, pharmaceutical companies, and the National Council for Research and Technology

Result: 50 million USD funding for 2019, 100 Million for 2020

"Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent a hendrerit lacus. Praesent porttitor mi sit amet turpis tempus cursus"

-Surname Name



Agenda

- 1. Introduccion
- 2. Sobre C/Can
- 3. Leon y next steps
- 4. Discussion on challenges and Opportunities.
- 6. Conclusion and next steps





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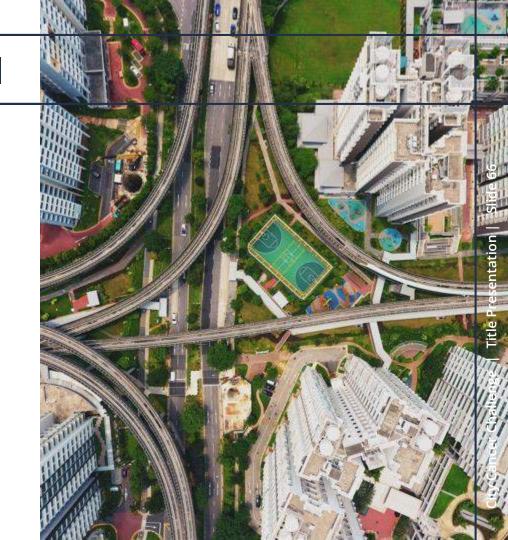
Harnessing the power of data

C/Can Data generation I

Due Diligence: Data around city readiness to improve cancer control

Stakeholder Management: Stakeholder mapping, city profile data, national coverage systems

Needs Assessment: gaps and capacities in cancer care



1,100+

Datapoints across 4 areas Management of Cancer Services

Core Cancer Services

Quality of Care

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Evidence of the problem: Gaps in access to quality cancer care

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Data contributed in just the first four key learning cities 80+

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C/Can Data Generation II

Action Planning & Technical Analysis: set of city priorities, plans, tech analysis data, financial investment cases, national coverage (CHFL)

Implementation: quarterly/annual data at output, outcome and impact, city activity progress, technical assistance resources

Cross-cutting: case studies, learnings, what works and doesn't work well and why

Potential to leverage C/Can city network to access other data e.g. registry data

Leveraging C/Can data

City Level



Identify cancer care gaps and capacities, inform prioritisation, planning, and allocation of resources in cities



Track progress and impact of city activities

Leveraging C/Can data

Global Level



Track progress and impact at global level



Inform adaptation and optimisation of the C/Can model and processes



Identify common trends and anomalies across cities and regions



Identify potential for targeted research on specific areas



Generate an evidence base around the value of a multisectoral approach



Create resources to inform and influence cancer care policy development

Harnessing C/Can Data for policy development

Opportunities:

Development of resources: (publications, policy briefs, case studies, input to policy dialogues, consultations, at city, national and global level) aimed at informing/influencing policy development in the delivery of local cancer care solutions based on the evidence generated through the C/Can engagement process

Examples:

- "Using a national cancer law to ensure the integration and sustainability of local cancer care efforts – learnings from Asuncion, Paraguay"
- "Recommendations for priority actions to build capacity and quality of pathology services in low and middle income countries – learnings from Yangon, Cali, Asuncion and Kumasi"
- "The importance of standardised reporting in reducing waiting times from diagnosis to beginning of treatment"



Stories of Impact





Winning High-Level Political Commitment Regional

LATAM REGIONAL FORUM 'Financing Sustainable Cancer Control Solutions in Latin America' Uruguay, April 2018

Winning High-Level Political Commitment: Global (UN)

The UN Secretary General recognized C/Can as an example of successful public-private partnerships at the 2018 UN High Level Meeting on Non-communicable Diseases (NCDs).









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