

Webinar
**Día Internacional de lucha
contra el Cáncer Infantil
2022**



Tools for Assessment and Implementation of Strategies within the Global Initiative for Childhood Cancer

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Childhood Cancer

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St. Jude Children's Research Hospital

February 15th, 2022



Agenda (20 min.)

1. Introduction

- PAHO/WHO Collaborating Centers
- St. Jude Children's Research Hospital and St. Jude Global
- St. Jude Global's Role as PAHO/WHO Collaborating Center for Childhood Cancer

2. Examples of collaborative work with PAHO/WHO:

- Tools for the Evaluation and Implementation of Strategies within the Global Initiative for Childhood Cancer



Introduction



Collaborating Centres of the World Health Organization (WHO)

Institutions designated by the WHO Director-General to provide strategic support to the Organization's programme at the national, inter-country, regional, interregional and global levels to carry out two key areas:

1. Implementation of the work and programme objectives set by WHO
2. Develop and strengthen institutional capacity in countries and regions*



**St. Jude Global designated as
PAHO/WHO Collaborating Center for Childhood Cancer
(2018-2022)**





WHO Global Initiative for Childhood Cancer

Global effort aimed at achieving at least a 60% survival rate for children with cancer by 2030, thus saving one million more lives



St. Jude Children's Research Hospital and St. Jude Global – PAHO/WHO Collaborating Center for Childhood Cancer



St. Jude Global

Advancing cures for catastrophic pediatric diseases through research and treatment

Improve survival rates for children with cancer and other catastrophic diseases worldwide through education, program development, and research

Support WHO in 3 guiding axes:



Inclusion of childhood cancer in national cancer control plans



Dissemination of Innovation in Health Systems and commitment of leaders



Technical Support and Participation of Global and Regional Actors





John Spencer MA
Research Data Specialist
Health Systems Unit
WHO Collaborating
Centre for Childhood
Cancer



**Alejandra Gonzalez Ruiz
MD MIH**
Program Coordinator
Health Systems Unit
WHO Collaborating
Centre for Childhood
Cancer



Catherine Lam MD MPH
Director
Health Systems Unit
Asia Pacific Region
Associate Member
Co-Director, WHO
Collaborating
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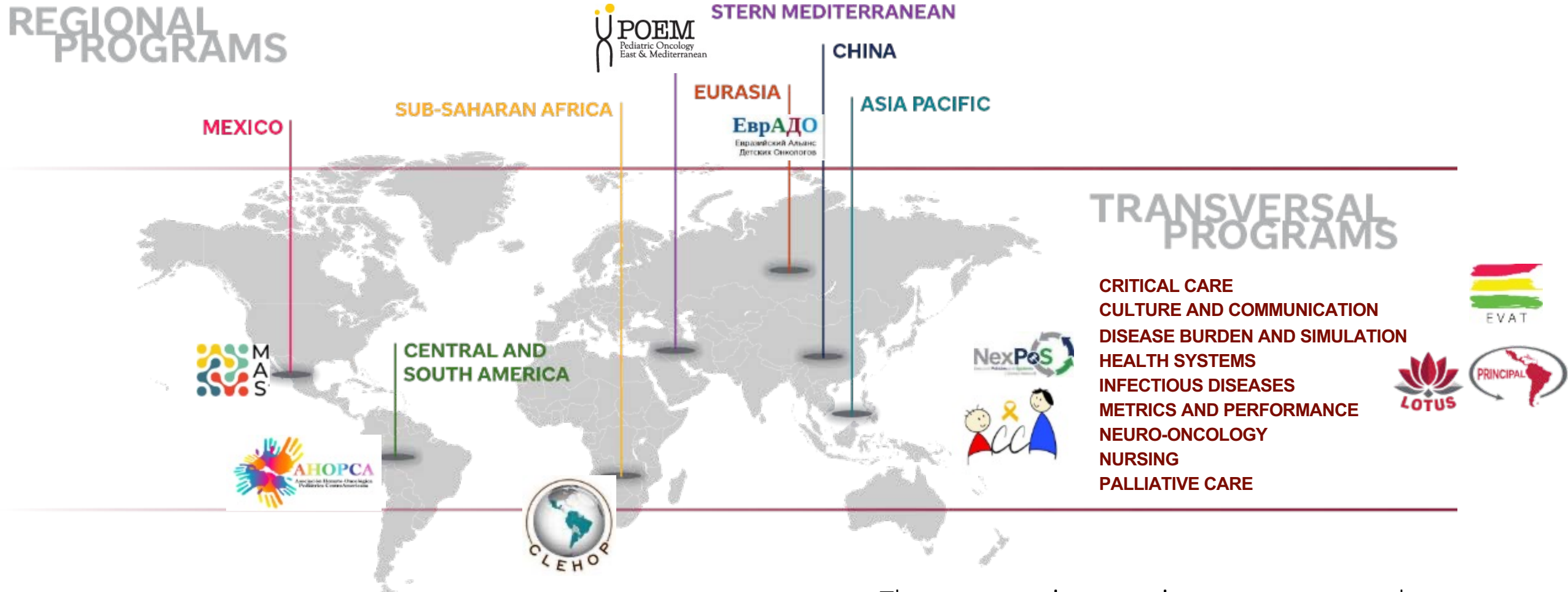


Wendy Archibald
Administrative Specialist

The St. Jude Global Health Systems Unit serves as the coordinating unit for the
PAHO/WHO Collaborating Center for Childhood Cancer

St. Jude Global Regional and Transversal Programs

REGIONAL PROGRAMS



The **regional model**: efficient and effective organizational structure for implementation

The **transversal approach**: resources to accelerate implementation and collaborations for global capacity building, education and research



St. Jude Global as WHO Collaborating Centre for Childhood Cancer

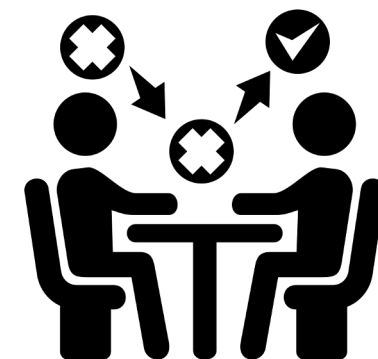
Facilitating activities across WHO Headquarters, Regional and Country Offices and St. Jude Global Regional Programs



Tools for the Evaluation and Implementation of Strategies within the Global Initiative for Childhood Cancer

Examples of collaborative work with PAHO/WHO





Example 1

Inclusion of childhood cancer in national cancer control plans



How can we strengthen health systems to improve care for children with cancer?



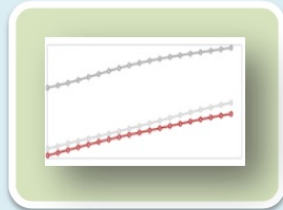
SJCARES Systems: toolkit designed to assess the health systems environment to scale up childhood cancer control through systems thinking and systems strengthening



Country Collaboration Tool for Childhood Cancer Control (C5)
Participatory mapping tool designed to help decision-makers in the country identify collaborative efforts to strengthen health systems



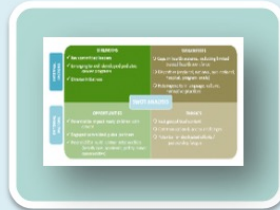
Country Collaboration for Childhood Cancer Control Tool (C5)



c1: National Context and Indicators



c2: Mapped Institutions, Organizations & Roles



c3: National SWOT



c4: Health Systems Key Areas Matrices



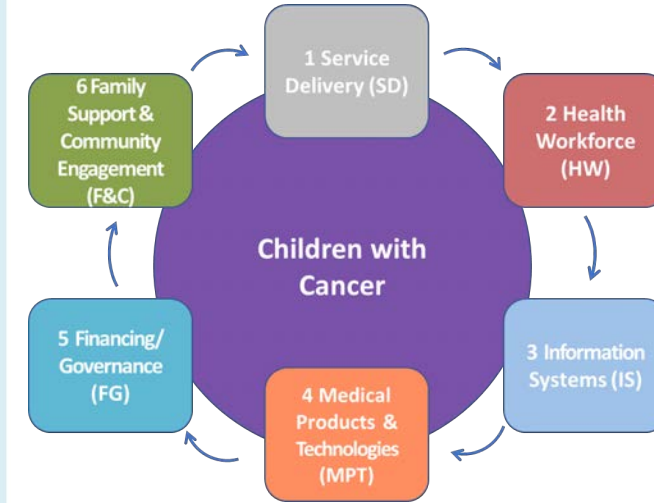
c5: Priority Collaborative Portfolios

A Tool for Mapping National and Regional Health Systems Strengthening and Collaborations



National context + Actors + Internal/External Factors across Health System impacting Care and Outcomes of Children with Cancer

Collaboration Areas considering Time, Values, Political Will and Resources



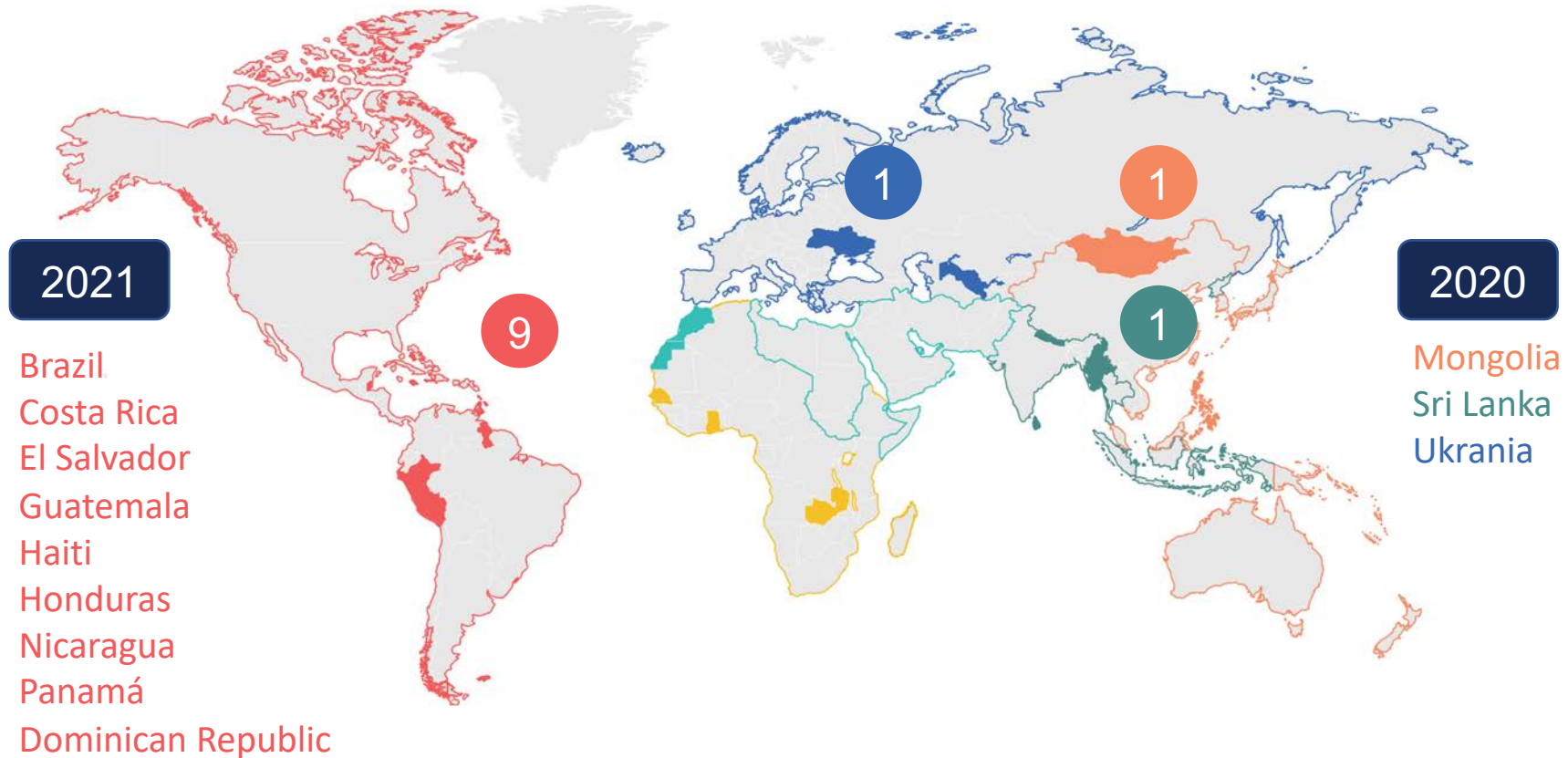
Priority Collaboration Areas + National Summary Data





Country Collaboration for Childhood Cancer Control Tool (C5)

4 WHO Regions – 12 countries





PAHO and St. Jude Global Workshop Global Initiative for Childhood Cancer: "How I Live"

Agosto 2021

Objective: As part of the Global Initiative for Childhood Cancer (GICC), PAHO and St. Jude Global will provide support to the members of the committees of the National Pediatric Cancer Plan of **Guatemala, Nicaragua, Honduras, El Salvador, Panama, Costa Rica, Dominican Republic and Haiti** in the process of implementing their activities prioritized within the National Plan for Pediatric Cancer or activities within the Regional Initiative for the SE-COMISCA for the Integral Approach of Cancer in Childhood and Adolescence



c5: Priority Collaborative Portfolios



Pre-workshop activities

1. Each Committee of National Pediatric Cancer Plans (NSCLC) from each of the 8 countries sent 10-15 priority activities across the 6 health blocks
2. Each member of the 8 NSCLCs individually responded to a survey by assigning a score to the value* and political will* of each of the priority activities
3. PAHO and St. Jude developed the corresponding Value and Political Will Matrices by country

* Valor: Lo que la gente considera como formas deseables de vivir, como individuos y como miembros de la sociedad. OPS/OMS HSS Glossary
 Voluntad política: el compromiso de los líderes políticos de emprender acciones para lograr un conjunto de objetivos y sostener los costos de esas acciones a lo largo del tiempo". Brinkerhoff D, Public Admin Dev 2000; ODI and Save the Children 2018

Portafolios colaborativos prioritarios

The following survey will assess levels in further examining areas of collaborative and specific projects that can be addressed in the near- and long-term, including consideration of project value and existing evidence.

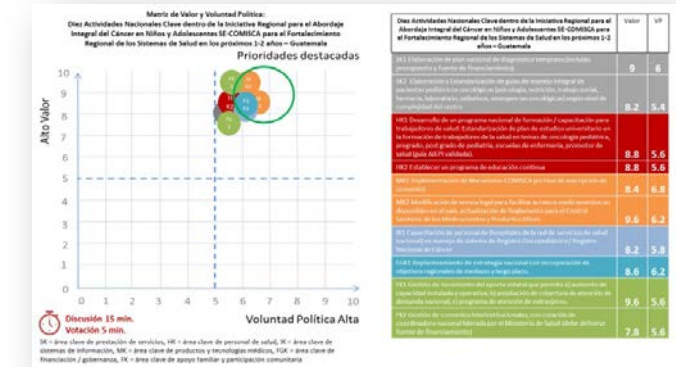
Each response is given a score of 1 to 10 in the survey and column 6. Please assign each of the following activities based on the level of the 10-point survey and the 10-point survey for each health system component in individual cancer control and care.

* Request

4a. Key Areas for Health Systems Strengthening within Ukraine - POLITICAL WILL

Please rate the following key areas that can be addressed within a timeline of less than 1 year to 2 years depending on the political will. Rating 1 the lowest political will and 10 the highest political will.

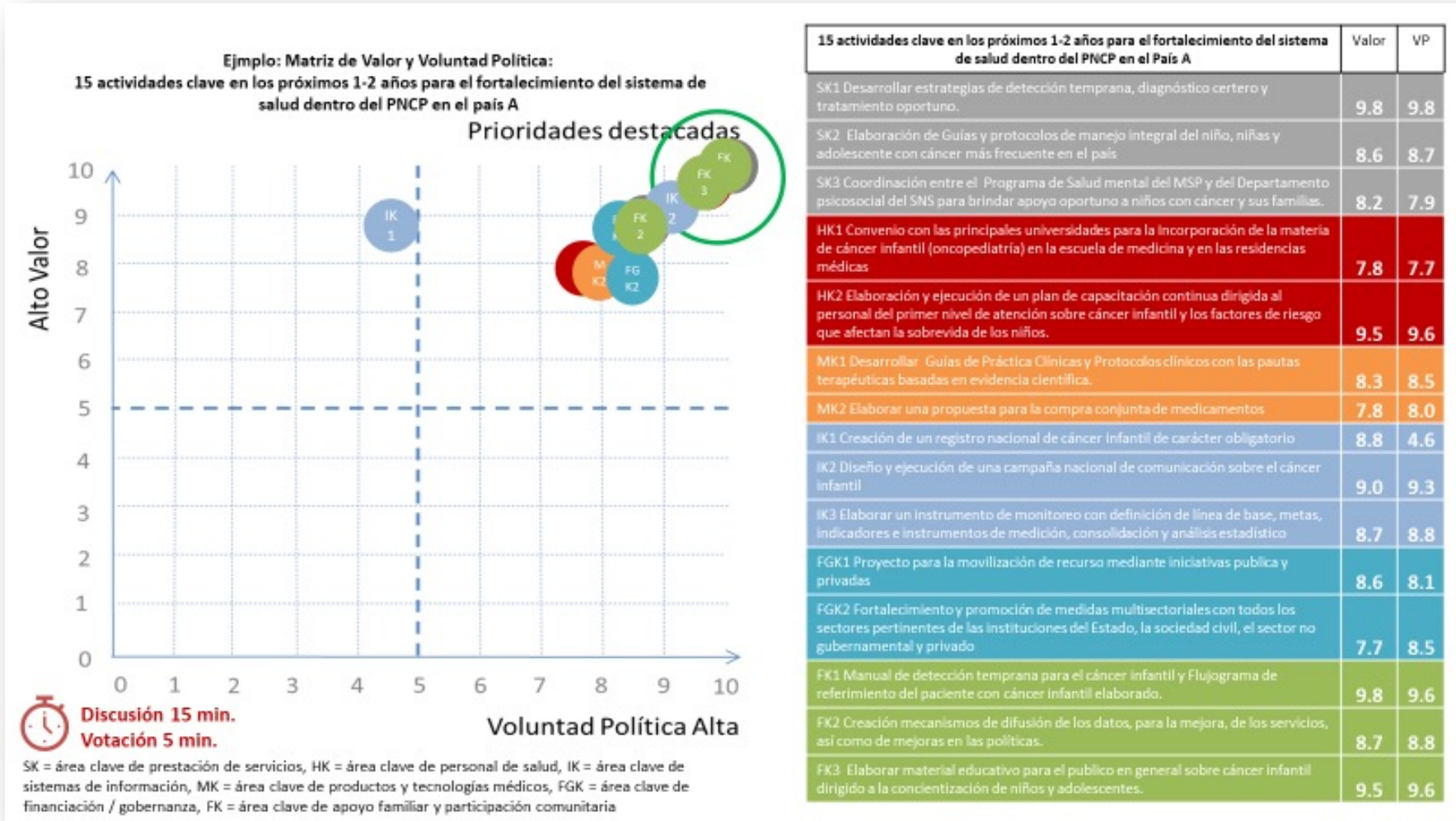
1. Adopt international PHO standards for services and treatment regimens nationally (SERVICE DELIVERY) ☆☆☆☆☆☆☆☆☆
2. Review rehabilitation and palliative care service availability nationally and address coverage gaps (SERVICE DELIVERY) ☆☆☆☆☆☆☆☆☆



Value Matrix and Political Will: a tool for the identification of high priority projects



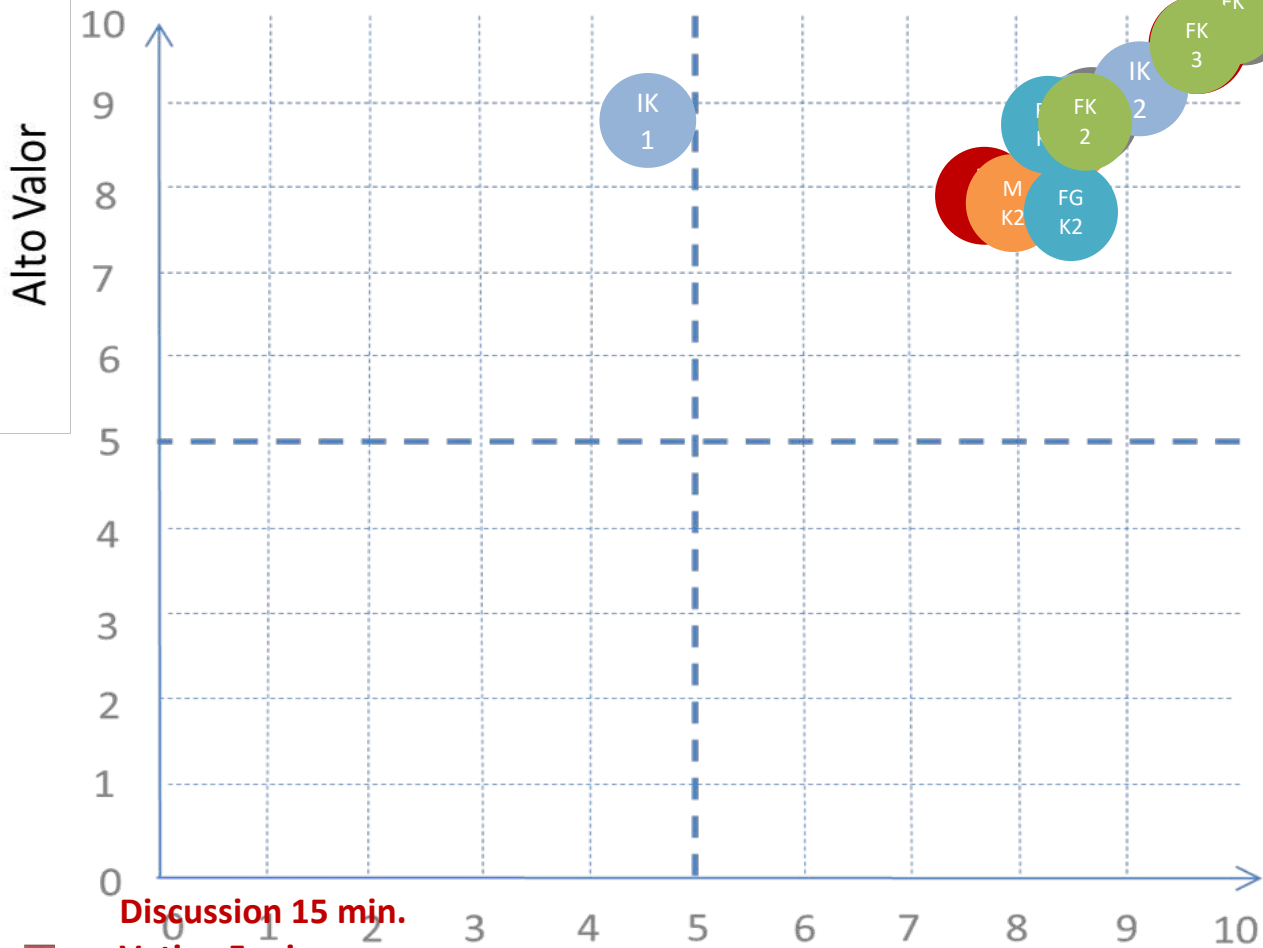
c5:
Portafolios
colaborativos
prioritarios



Example: Value Matrix and Political Will:

15 key activities in the next 1-2 years for the strengthening of the health system within the PNCP in country A

Prioridades destacadas



Discussion 15 min.
Voting 5 min.



Voluntad Política Alta

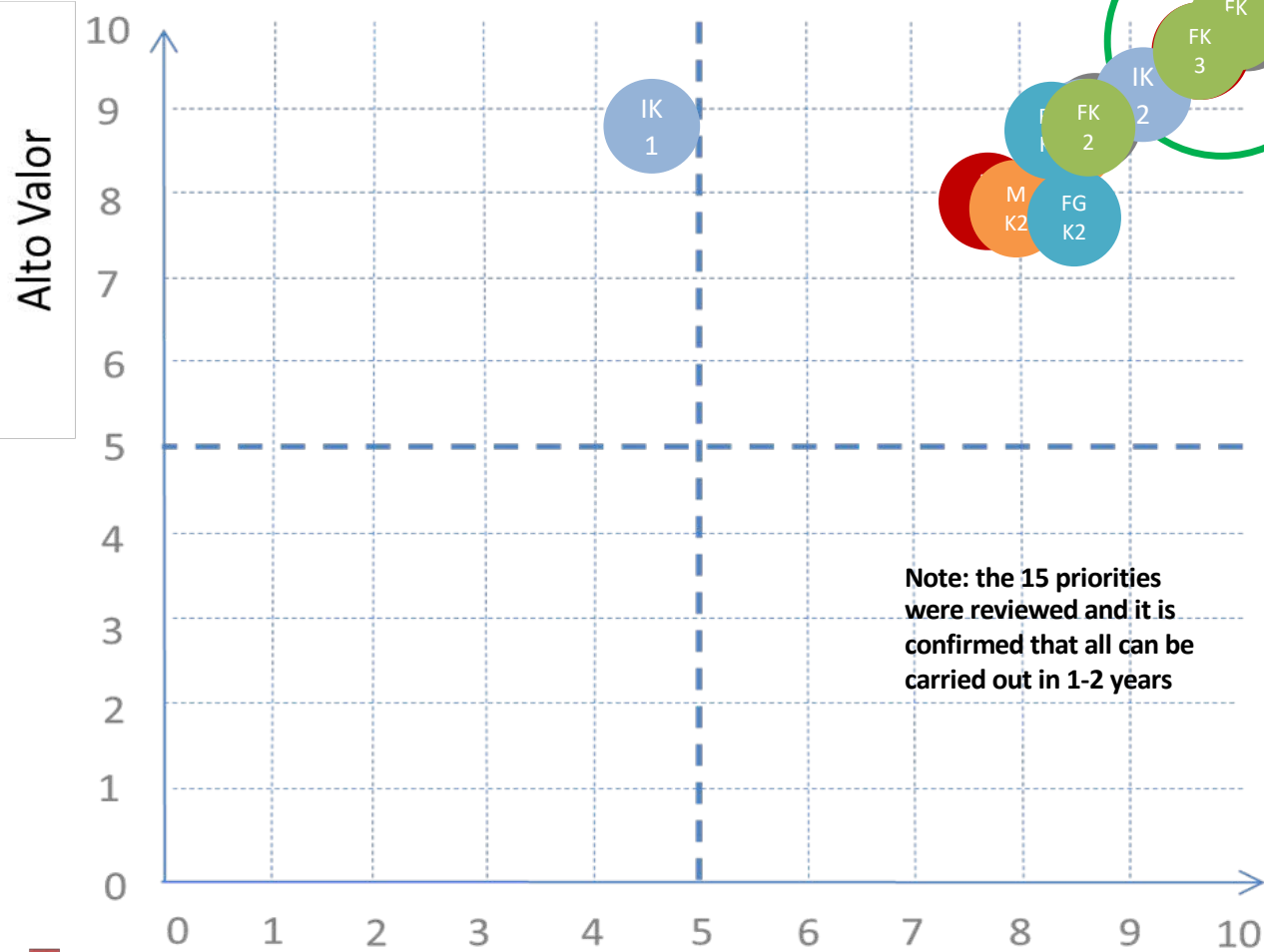
SK = key area of service delivery, HK = key area of health personnel, IK = key area of information systems, MK = key area of medical products and technologies, FGK = key area of funding / governance, FK = key area of family support and community participation

15 actividades clave en los próximos 1-2 años para el fortalecimiento del sistema de salud dentro del PNCP en el País A	Valor	VP
SK1 Desarrollar estrategias de detección temprana, diagnóstico certero y tratamiento oportuno.	9.8	9.8
SK2 Elaboración de Guías y protocolos de manejo integral del niño, niñas y adolescente con cáncer más frecuente en el país	8.6	8.7
SK3 Coordinación entre el Programa de Salud mental del MSP y del Departamento psicosocial del SNS para brindar apoyo oportuno a niños con cáncer y sus familias.	8.2	7.9
HK1 Convenio con las principales universidades para la Incorporación de la materia de cáncer infantil (oncopediatría) en la escuela de medicina y en las residencias médicas	7.8	7.7
HK2 Elaboración y ejecución de un plan de capacitación continua dirigida al personal del primer nivel de atención sobre cáncer infantil y los factores de riesgo que afectan la sobrevida de los niños.	9.5	9.6
MK1 Desarrollar Guías de Práctica Clínicas y Protocolos clínicos con las pautas terapéuticas basadas en evidencia científica.	8.3	8.5
MK2 Elaborar una propuesta para la compra conjunta de medicamentos	7.8	8.0
IK1 Creación de un registro nacional de cáncer infantil de carácter obligatorio	8.8	4.6
IK2 Diseño y ejecución de una campaña nacional de comunicación sobre el cáncer infantil	9.0	9.3
IK3 Elaborar un instrumento de monitoreo con definición de línea de base, metas, indicadores e instrumentos de medición, consolidación y análisis estadístico	8.7	8.8
FGK1 Proyecto para la movilización de recurso mediante iniciativas publica y privadas	8.6	8.1
FGK2 Fortalecimiento y promoción de medidas multisectoriales con todos los sectores pertinentes de las instituciones del Estado, la sociedad civil, el sector no gubernamental y privado	7.7	8.5
FK1 Manual de detección temprana para el cáncer infantil y Flujograma de referimiento del paciente con cáncer infantil elaborado.	9.8	9.6
FK2 Creación mecanismos de difusión de los datos, para la mejora, de los servicios, así como de mejoras en las políticas.	8.7	8.8
FK3 Elaborar material educativo para el publico en general sobre cáncer infantil dirigido a la concientización de niños y adolescentes.	9.5	9.6

Example: Value Matrix and Political Will:

15 key activities in the next 1-2 years for the strengthening of the health system within the PNCP in country A

Prioridades destacadas



Note: the 15 priorities were reviewed and it is confirmed that all can be carried out in 1-2 years

Voluntad Política Alta

15 key activities in the next 1-2 years for the strengthening of the health system within the PNCP in Country A	Valor	VP
SK1 Desarrollar estrategias de detección temprana, diagnóstico certero y tratamiento oportuno.	9.8	9.8
SK2 Elaboración de Guías y protocolos de manejo integral del niño, niñas y adolescente con cáncer más frecuente en el país	8.6	8.7
SK3 Coordinación entre el Programa de Salud mental del MSP y del Departamento psicosocial del SNS para brindar apoyo oportuno a niños con cáncer y sus familias.	8.2	7.9
HK1 Convenio con las principales universidades para la Incorporación de la materia de cáncer infantil (oncopediatria) en la escuela de medicina y en las residencias médicas	7.8	7.7
HK2 Elaboración y ejecución de un plan de capacitación continua dirigida al personal del primer nivel de atención sobre cáncer infantil y los factores de riesgo que afectan la sobrevivencia de los niños.	9.5	9.6
MK1 Desarrollar Guías de Práctica Clínica y Protocolos clínicos con las pautas terapéuticas basadas en evidencia científica.	8.3	8.5
MK2 Elaborar una propuesta para la compra conjunta de medicamentos	7.8	8.0
IK1 Creación de un registro nacional de cáncer infantil de carácter obligatorio	9.0	9.3
IK2 Diseño y ejecución de una campaña nacional de comunicación sobre el cáncer infantil	9.0	9.3
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FGK2 Fortalecimiento y promoción de medidas multisectoriales con todos los sectores pertinentes de las instituciones del Estado, la sociedad civil, el sector no gubernamental y privado	9.8	9.6
FK1 Manual de detección temprana para el cáncer infantil y Flujograma de referimiento del paciente con cáncer infantil elaborado.	9.8	9.6
FK2 Creación mecanismos de difusión de los datos, para la mejora, de los servicios, así como de mejoras en las políticas.	9.5	9.6
FK3 Elaborar material educativo para el público en general sobre cáncer infantil dirigido a la concientización de niños y adolescentes.	9.5	9.6



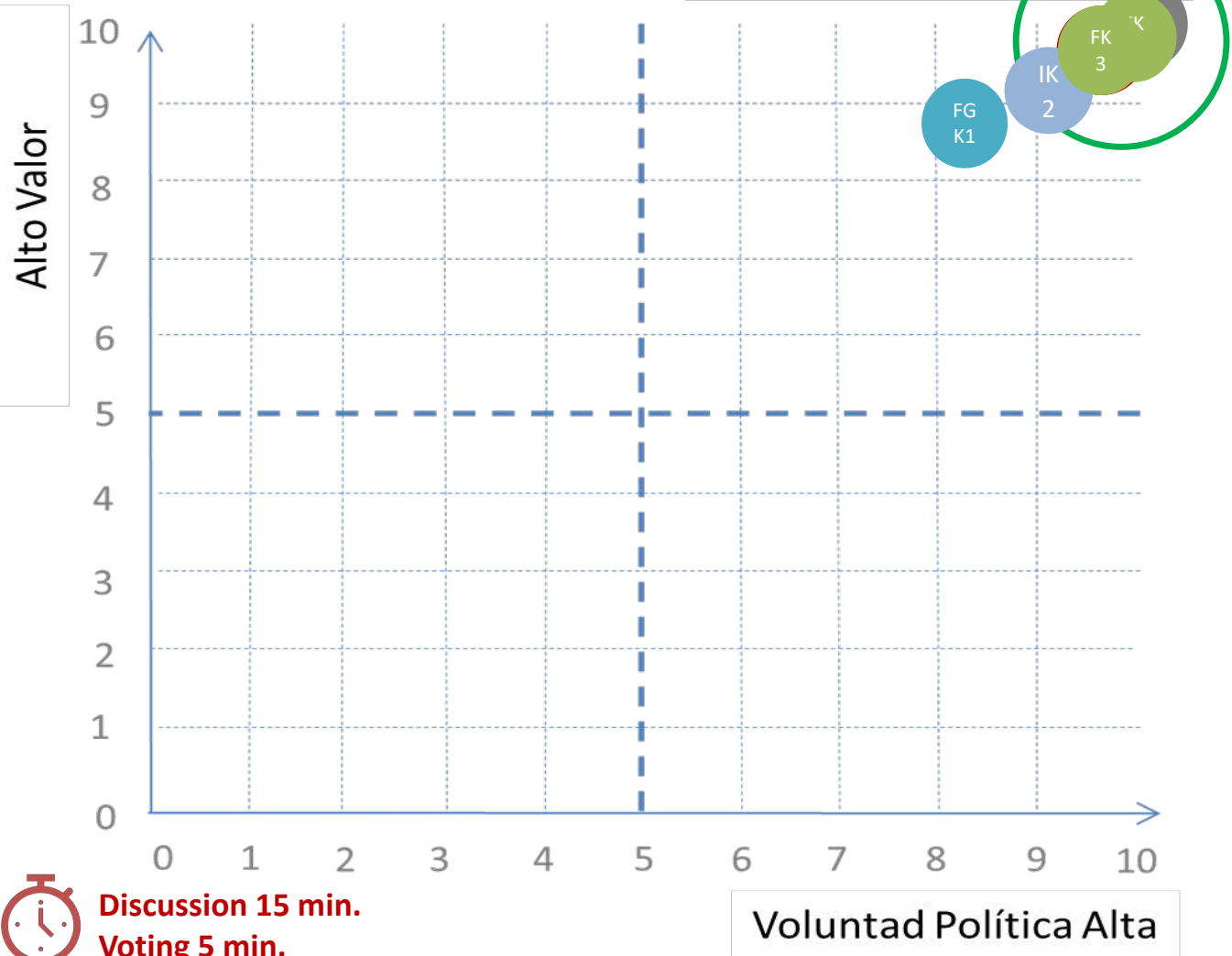
 Discussion 15 min.
Voting 5 min.

SK = key area of service delivery, HK = key area of health personnel, IK = key area of information systems, MK = key area of medical products and technologies, FGK = key area of funding / governance, FK = key area of family support and community participation



Example: Value Matrix and Political Will:

15 key activities in the next 1-2 years for the strengthening of the health system within the PNCP in country A



15 actividades clave en los próximos 1-2 años para el fortalecimiento del sistema de salud dentro del PNCP en el país A	Valor	VP
SK1 Desarrollar estrategias de detección temprana, diagnóstico certero y tratamiento oportuno (PILAR- LINEA ESTRATEGICA)	9.8	9.8
HK2 Elaboración y ejecución de un plan de capacitación continua dirigida al personal del primer nivel de atención sobre cáncer infantil y los factores de riesgo que afectan la sobrevivida de los niños.	9.5	9.6
IK2 Lanzamiento y divulgación de una campaña nacional de comunicación sobre el cáncer infantil	9.0	9.3
FK1 Finalización e implementación del manual de detección temprana para el cáncer infantil y Flujograma de referimiento del paciente con cáncer infantil elaborado.	9.8	9.6
FK3 Elaborar material educativo para el publico en general sobre cáncer infantil dirigido a la concientización de niños y adolescentes.	9.5	9.6
FGK1 Proyecto para la movilización de recurso mediante iniciativas publica y privadas	8.6	8.1

Note: during the session the activities HK2, IK2 and FK1 were reconsidered as the activities have already started



Discussion 15 min.
Voting 5 min.

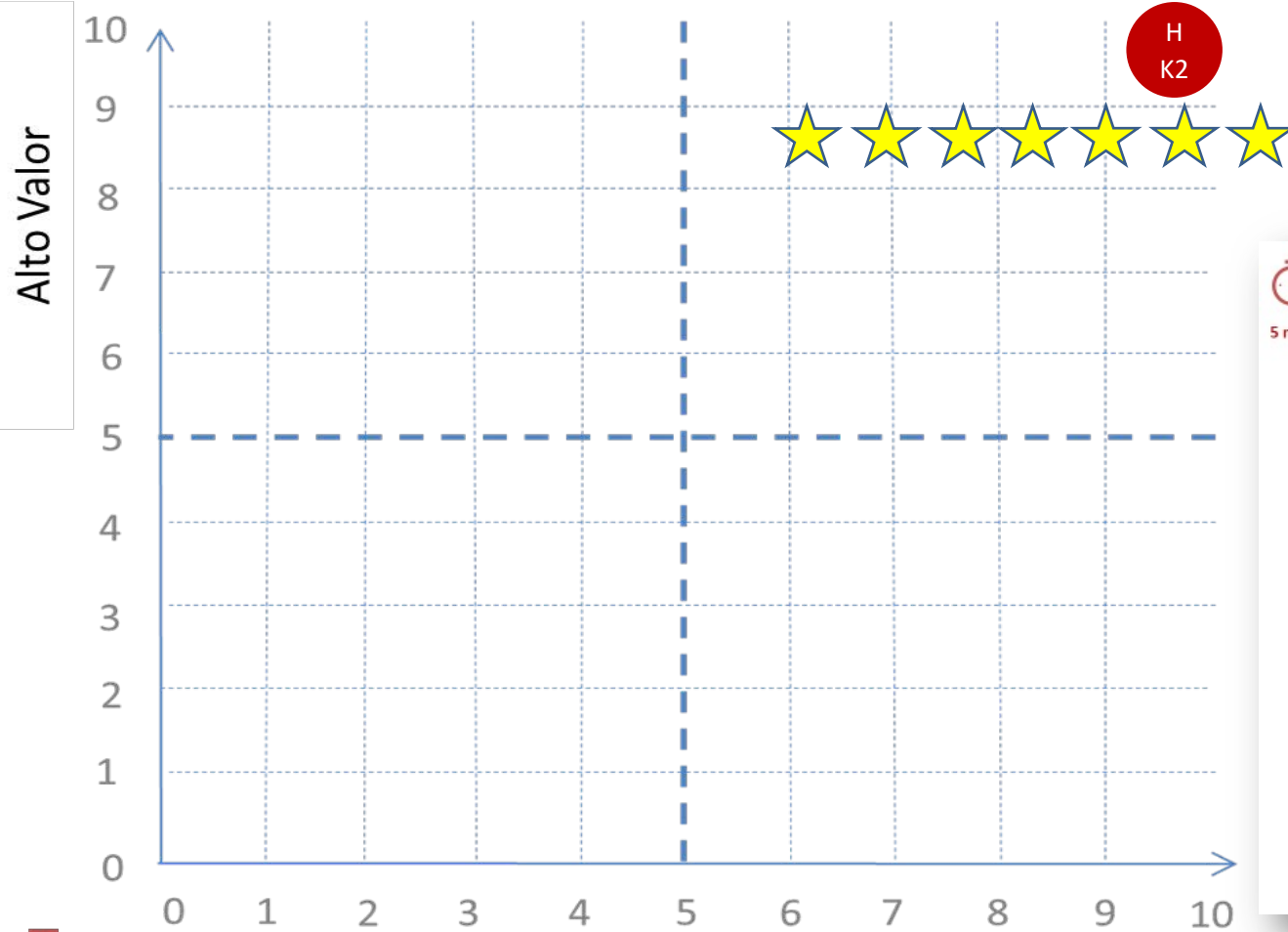
Voluntad Política Alta

SK = key area of service delivery, HK = key area of health personnel, IK = key area of information systems, MK = key area of medical products and technologies, FGK = key area of funding / governance, FK = key area of family support and community participation

Example: Value Matrix and Political Will:

15 key activities in the next 1-2 years for the strengthening of the health system within the PNCP in country A

Prioridades destacadas



Voluntad Política Alta

15 key activities in the next 1-2 years for the strengthening of the health system within the PNCP in country A

Valor VP

tratamiento oportuno (PIRAR- LINEA ESTRATEGICA)	9.8	9.8
HK2 Elaboración y ejecución de un plan de capacitación continua dirigida al personal del primer nivel de atención sobre cáncer infantil y los factores de riesgo		

5 min.

Reporte

1. Prestación de Servicios (SK)

3. Sistemas de Información (IK)

4. Productos y Tecnologías Médicas (MK)

5. Financiación y Gobernanza (FGK)

6. Apoyo familiar y participación comunitaria (FK)

Nombre del país: País A

Prioridad: 2. Personal de Salud (HK)

HK2 Elaboración y ejecución de un plan de capacitación continua dirigida al personal del primer nivel de atención sobre cáncer infantil y los factores de riesgo que afectan la sobrevivencia de los niños.

Propuesta de acción o actividad para lograr los resultados esperados
Elaboración de talleres via virtual y consenso del contenido curricular de los mismos

Entregable: producto directo, tangible y verificable de las actividades
Talleres híbridos - Plataforma virtual (videos, protocolos) y modalidad presencial

Resultado (cambio y/o impacto esperado a corto, mediano o largo plazo)
Llegar a la mayor parte de la población del personal del primer nivel de atención de cáncer infantil para educar y concientizar sobre la detección temprana de los pacientes que presenten algún tipo de cáncer para reducir el tiempo de espera y fortalecer y formalizar la referencia y contrarreferencia de los pacientes

¿Cuál es la historia de su país que contaría para ganar el apoyo de otros colaboradores?
No es solamente ampollas de quimioterapia, el niño se tiene que curar con todo un soporte y estrategia integral de atención. Documentar el camino que sigue un niño desde su diagnostico hasta el inicio de tratamiento – vivencia económica, social hasta llegar al Dx adecuado, Tx, y la odisea laboral y escolar de su familia

Discussion 15 min.
Voting 5 min.

SK = key area of service delivery, HK = key area of health personnel, IK = key area of information systems, MK = key area of medical products and technologies, FGK = key area of funding / governance, FK = key area of family support and community participation



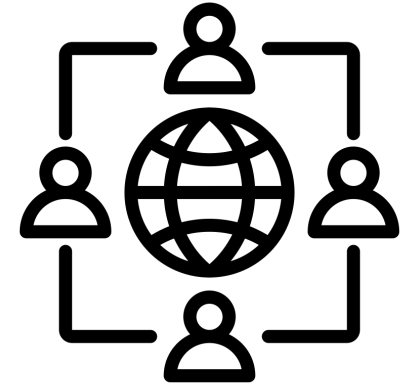
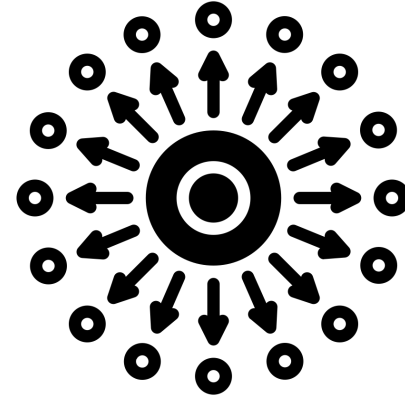
PAHO and St. Jude Global Workshop

Global Childhood Cancer Initiative: "How I Live"



Results:

- 1) **Situational analysis** of the six pillars of health systems - medical care of **children and adolescents with cancer**
- 2)
- 2) **Guidelines** for Creating an Operational Plan - **First Step in Developing a National Pediatric Cancer Plan (PNCP)**
- 3) **Identification of regional strategic priorities** to strengthen the six pillars of the health system - medical care for **children and adolescents with cancer**



Example 2

Innovation Diffusion and Leadership Engagement

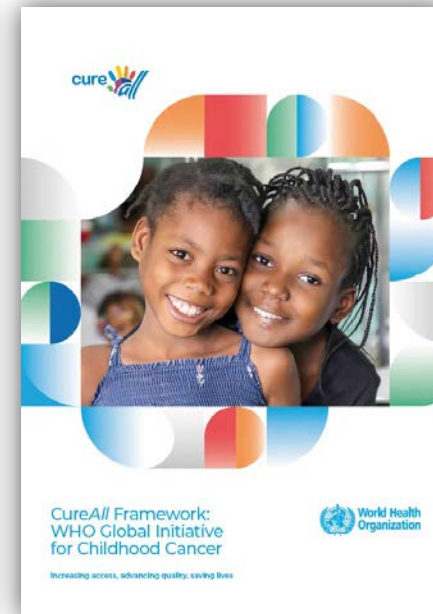
Technical Support Regional/Global Stakeholder Engagement





Innovation Diffusion
and
Leadership Engagement

CureAll Framework



St. Jude supporting WHO's development of technical materials and packages specifically for childhood cancer, and materials/platforms on cancer/noncommunicable diseases





Technical Support
Regional/Global
Stakeholder
Engagement

WHO & St. Jude Global, Global Initiative for Childhood Cancer Pre-Biennium Strategic Planning Event

December 2021

Global Initiative for Childhood Cancer Pre-Biennium Strategic Planning Event Dec 1 & 7, 2021

Objectives: At the end of the two-day event, participants will have shared challenges and gaps when implementing GICCC activities, achievements, and strategic goals to strengthen collaboration with St. Jude programme as part of child for the next 7 years (2022-2023).

Key Findings:

- Major Names: [List of names]
- WHO Region: [List of regions]
- WHO Region: [List of regions]
- WHO Region: [List of regions]
- WHO Region: [List of regions]

Countries in the WHO AFRO region involved in the WHO Global Initiative for Childhood Cancer Activities

Country	Level of engagement	Country	Level of engagement
Algeria	High	Senegal	High
Angola	High	Sierra Leone	High
Benin	High	South Africa	High
Burkina Faso	High	Tanzania	High
Burundi	High	Togo	High
Cote d'Ivoire	High	Tunisia	High
DRC	High	Zambia	High
Egypt	High	Zimbabwe	High
Ethiopia	High		
Ghana	High		
Guinea	High		
Guinea-Bissau	High		
Kenya	High		
Madagascar	High		
Mali	High		
Morocco	High		
Mozambique	High		
Niger	High		
Nigeria	High		
Rwanda	High		
Senegal	High		
Sierra Leone	High		
South Africa	High		
Tanzania	High		
Togo	High		
Tunisia	High		
Zambia	High		
Zimbabwe	High		

Analysis of cancer health system

Activity	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6	Phase 7	Phase 8	Phase 9	Phase 10
National Cancer Control Strategy Development/Implementation										
Implementation of cancer workforce training packages										
National network and referral pathway strengthening										
Defining national situation and addressing the main issues										
Scientific resources and techniques strengthening, including via ICM										
Strengthening local cancer registries (national & hospital based)										
Country readiness for childhood cancer monitoring										
Local/regional advocacy portfolio: case studies, awareness campaigns										

Activities for Day 2 - December 7th, 2021

Consensus on Next Steps that need to be accomplished by 2023

INSTRUCTIONS:
From the activities identified in Section 6 (Day 1) that you anticipate continuing/expanding in 2022-2023 and accomplish by June 2023 please duplicate and copy paste in the section below.

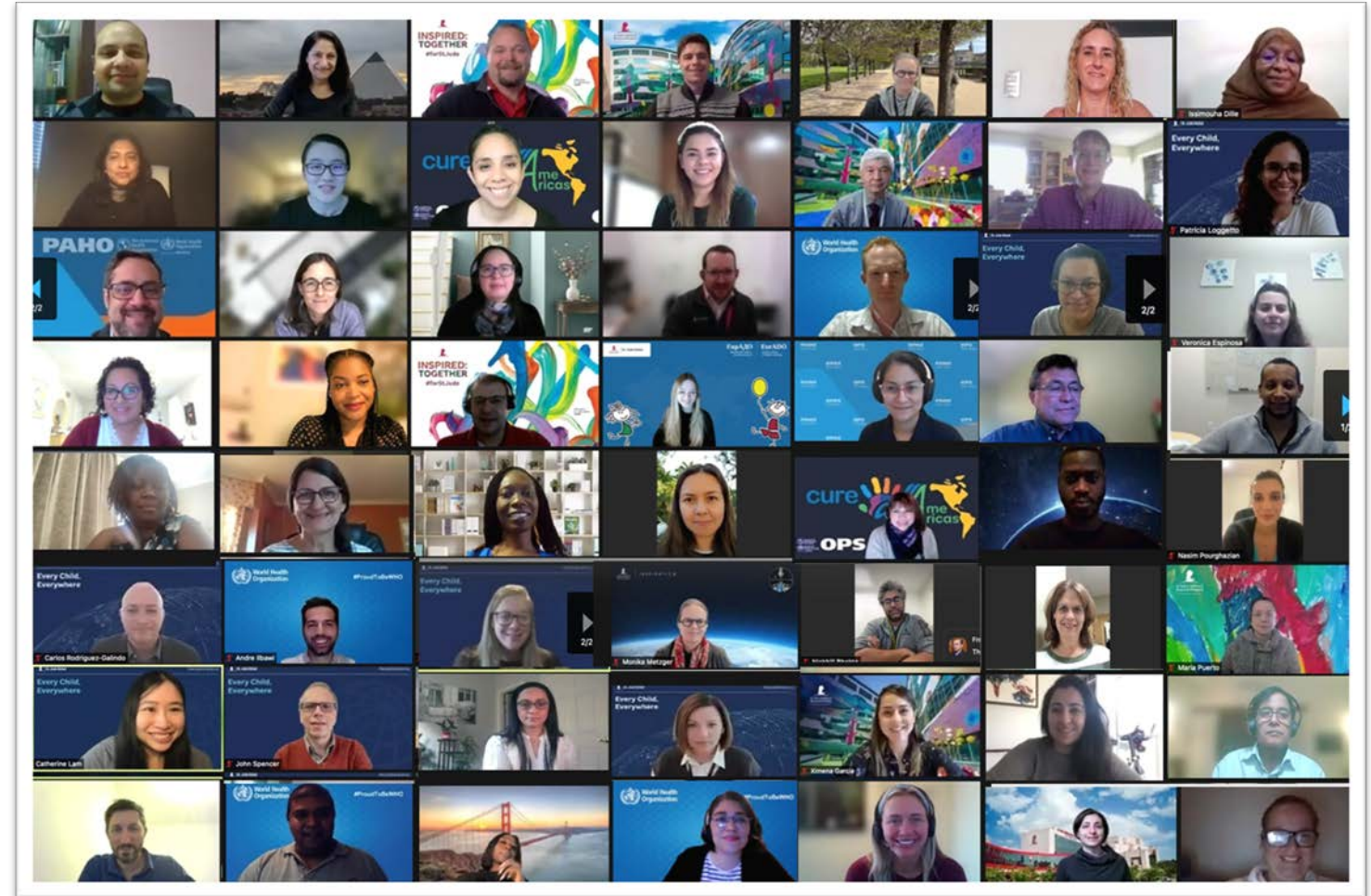
1. What is the name of the project/initiative?
2. Roles and responsibilities:
-What specific support does WHO RO need from the St. Jude Regional Program and St. Jude Transversal Programs?
-What specific support does the St. Jude Regional Program need from WHO RO and WHO HQ?
3. What are the available resources?
4. What are the available resources?
a. What resources will be needed including continuity of Staffing/Consultants and/or new Staffing/Consultants support?
b. What additional collaboration is needed from SJ?
c. What else is needed?
5. What is the timeline?
6. What are the expected results?

Project name	Roles (Responsibilities)	Resources	Timeline	Results
EXAMPLE: Country A, Rapid assessment of capacity and resource needs				
EXAMPLE: Training materials for local health workers to increase clinical diagnostic skills				

WHO & St. Jude Global, Global Initiative for Childhood Cancer Pre-Biennium Strategic Planning Event

Objetives

1. Analyze the current **CureAll** activities that support the Global Initiative for Childhood Cancer implementation in the six WHO regions
2. Identify and prioritize **CureAll** projects and activities that will be accomplished in collaboration of WHO and St. Jude Global **by June 2023**



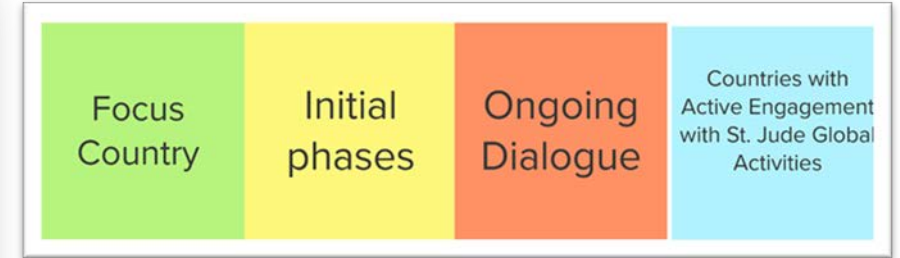
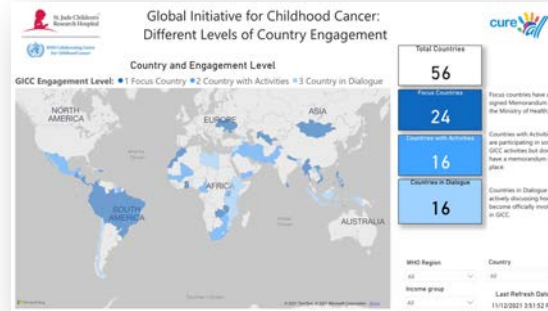
Six breakout group discussions per WHO Region (60 participants)



Strategic Planning Event Tools and Frameworks: situational assessment and prioritization

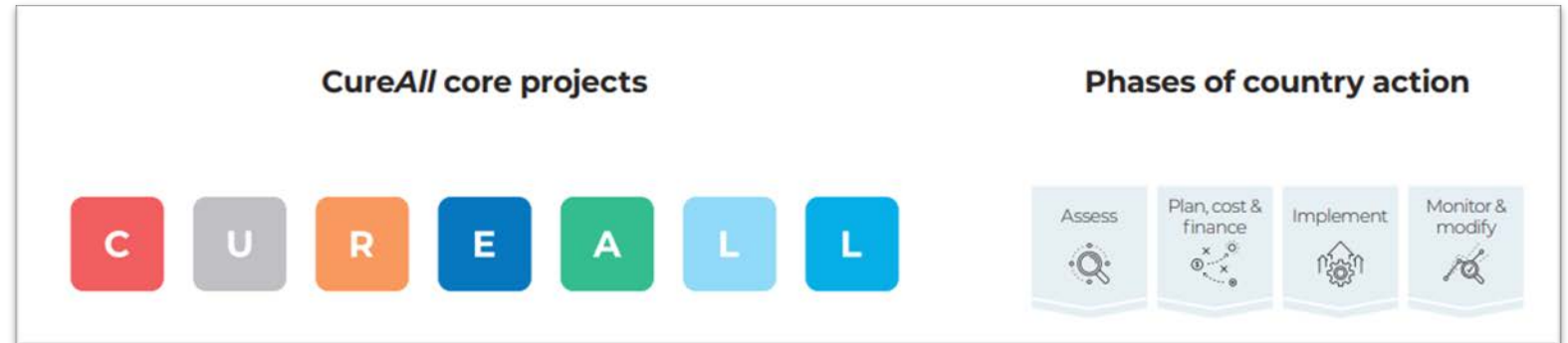
1

Countries in the WHO Region involved in Global Initiative for Childhood Cancer Activities



2

Country and Regional Activities under the 10 **CureAll** Core Projects Framework



3

Consensus on Next Steps (2022-2023)



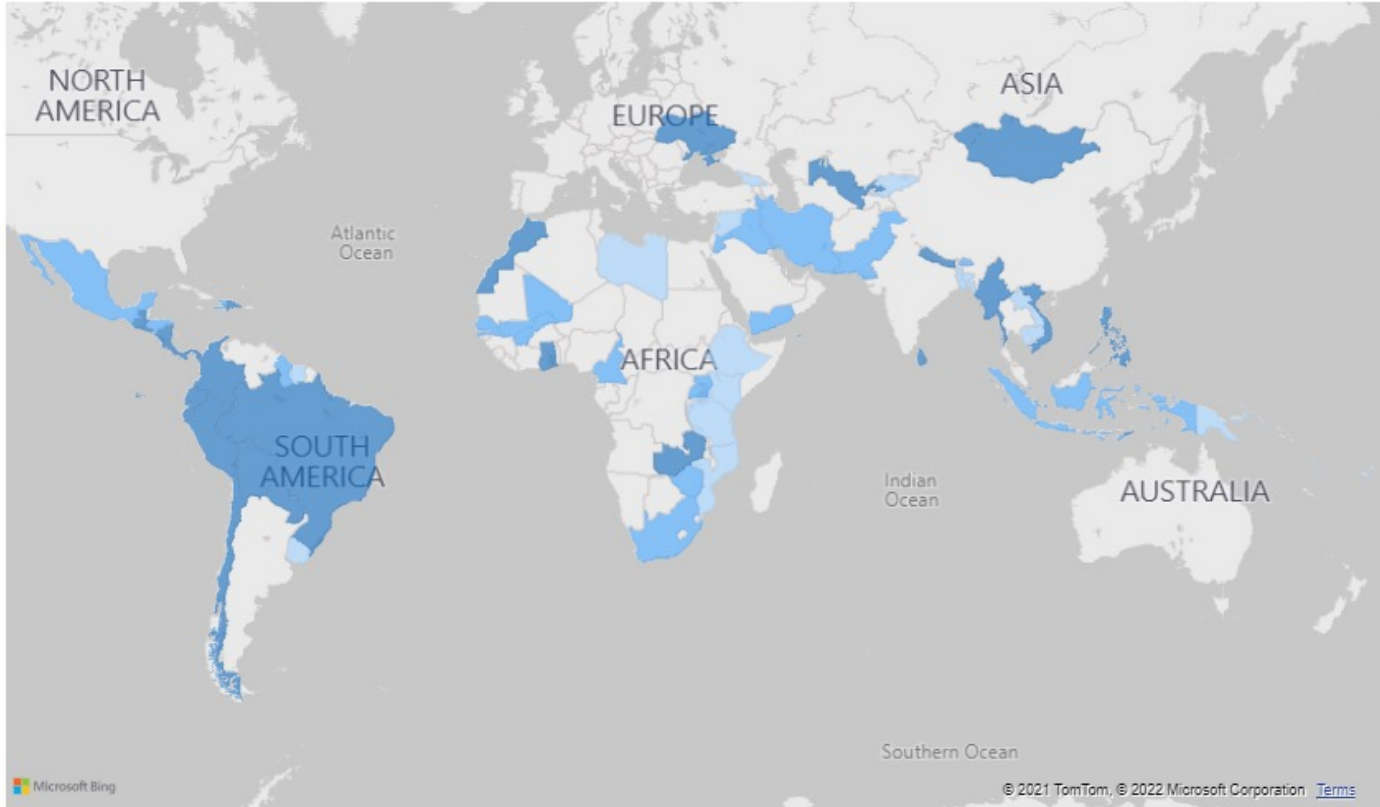


Global Initiative for Childhood Cancer: Different Levels of Country Engagement



Country and Engagement Level

GICC Engagement Level: ● 1 Focus Country ● 2 Country with Activities ● 3 Country in Dialogue



Total Countries
62

Focus Countries
25

Countries with Activities
18

Countries in Dialogue
19

Focus countries have a signed Memorandum from the Ministry of Health.

Countries with Activities are participating in some GICC activities but don't have a memorandum in place.

Countries in Dialogue are actively discussing how to become officially involved in GICC.

WHO Region
All

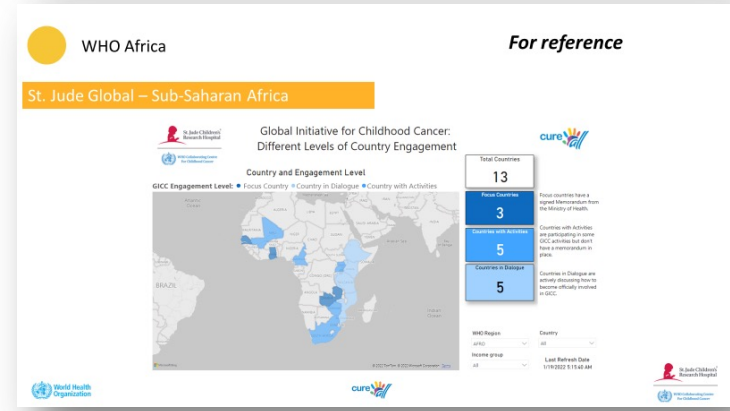
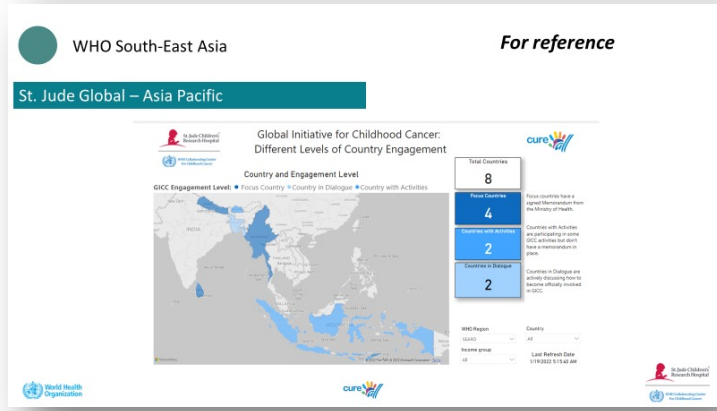
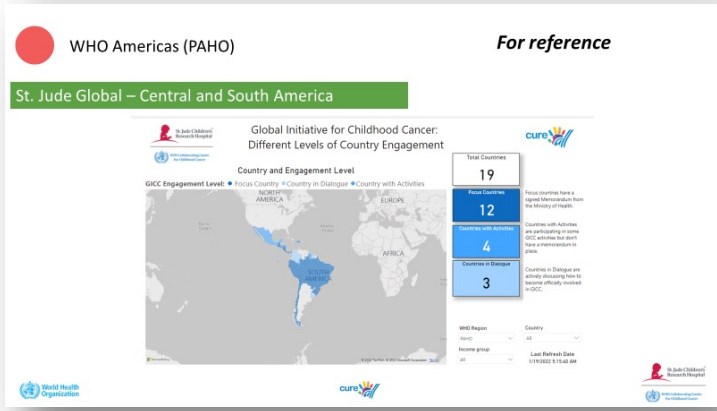
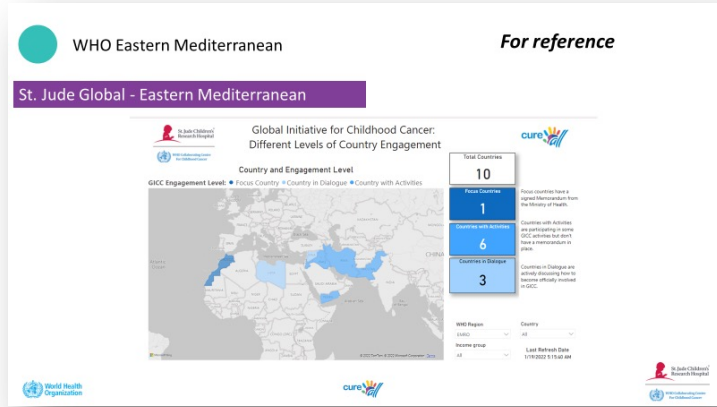
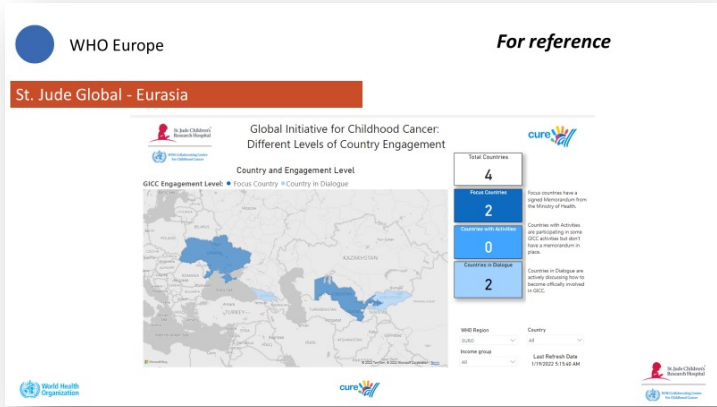
Country
All

Income group
All

Last Refresh Date
1/6/2022 5:17:20 AM

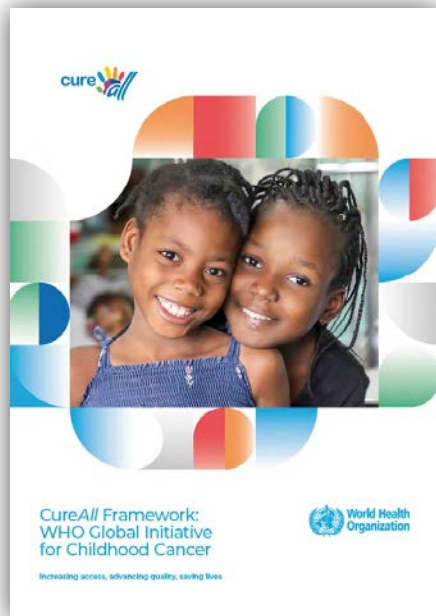
Identification and Mapping of Activities of the Global Initiative for Childhood Cancer in each WHO Region

1



CureAll Core Projects Framework

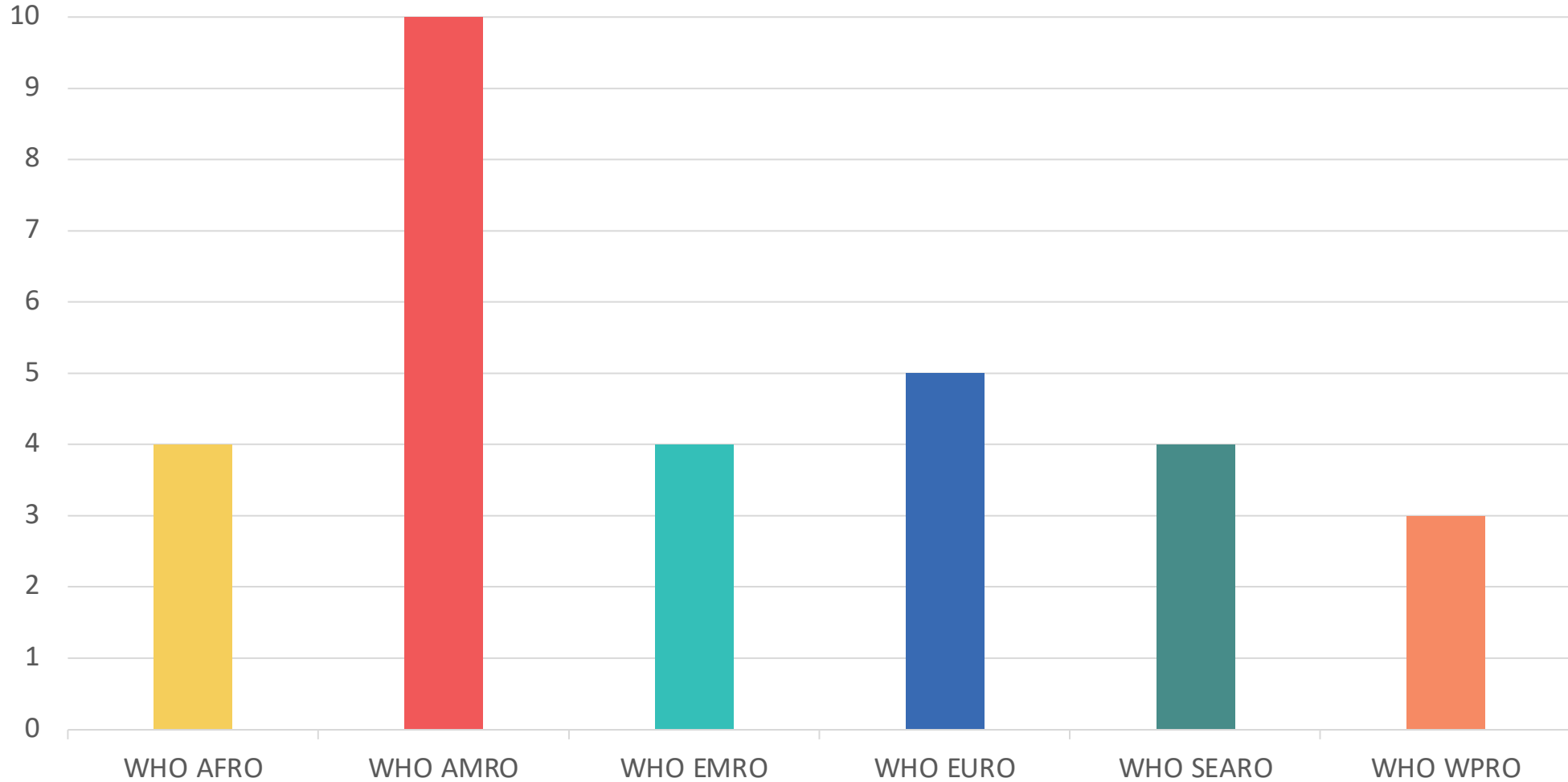
Phase of country action



1. Analysis of cancer health system
2. National Cancer Control Strategy Development/implementation
3. Implementation of cancer workforce training packages
4. National network and referral pathway strengthening
5. Defining national standards and guidelines for index cancers
6. Essential medicines and technologies strengthening, including via UN
7. Economic analysis and benefit packages review of cancer
8. Strengthening & linking cancer registries (population & hospital based)
9. Country dashboard for childhood cancer monitoring
10. Local/regional advocacy portfolios: case studies, awareness campaigns

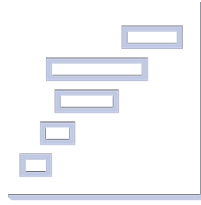
Consensus
on Next
Steps
(2022-2023)

Number of **CureAll** projects and activities by WHO Region that will be accomplished in collaboration of WHO and St. Jude Global by June 2023*

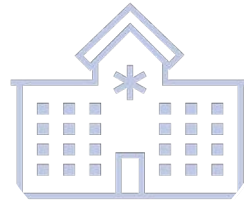


*30 priorities identified by WHO Region during the virtual WHO & St. Jude Strategic Planning Event in December 2021. These projects will be accomplished in collaboration of WHO and St. Jude Global **by June 2023**

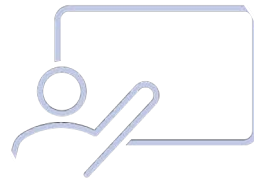
Priority projects in the 6 WHO Regions distributed across 3 CureAll Core Projects



Strengthening & linking registries
(population & hospital based)



National cancer control strategy
development/implementation



Implementation of cancer
workforce training packages

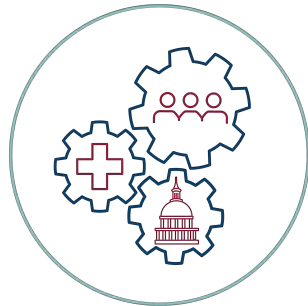
86% of the
identified priority
projects in the 6
WHO Regions

St. Jude Global Transversal Programs* working with 6 WHO Regions in upcoming prioritized collaborative projects

Health Systems Unit
(SJCARES Policies and
Systems)



Palliative
Care



Professional
Education



Global Nursing
Program



Disease Burden
and Simulation
Modeling (SJCARES
Registry and ARIA)



WHO
AFRO

WHO
AMRO

WHO
EMRO

WHO
EURO

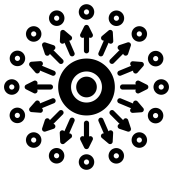
WHO
SEARO

WHO
WPRO

Conclusions



National Cancer Control Planning



Innovation Diffusion and Leadership Engagement



Technical Support Regional/Global Stakeholder Engagement

Global Initiatives for Childhood Cancer Pre-Biennium Strategic Planning Sheet Oct 1 & 2, 2021

Activities for Day 2 - December 7th, 2021

INSTRUCTIONS: Please use the activities identified in Section B (Day 2) that you anticipate completing (depending on 2022-2023 and emerging for year 2023) across multiple and every year in the entire table.

Project name: _____

Project name	Priority	Responsible	Timeline	Results
Example Project	High	St. Jude	2022-2023	Improved outcomes
Example Project	Medium	WHO	2023-2024	Global impact
Example Project	Low	Partners	2024-2025	Long-term sustainability

Thank you to all our global collaborators

