

What do the data tell us?

Developing robust measurement systems for early childhood development

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Kigali, Rwanda

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The foundations of early childhood development

What the child's brain and body expects and needs

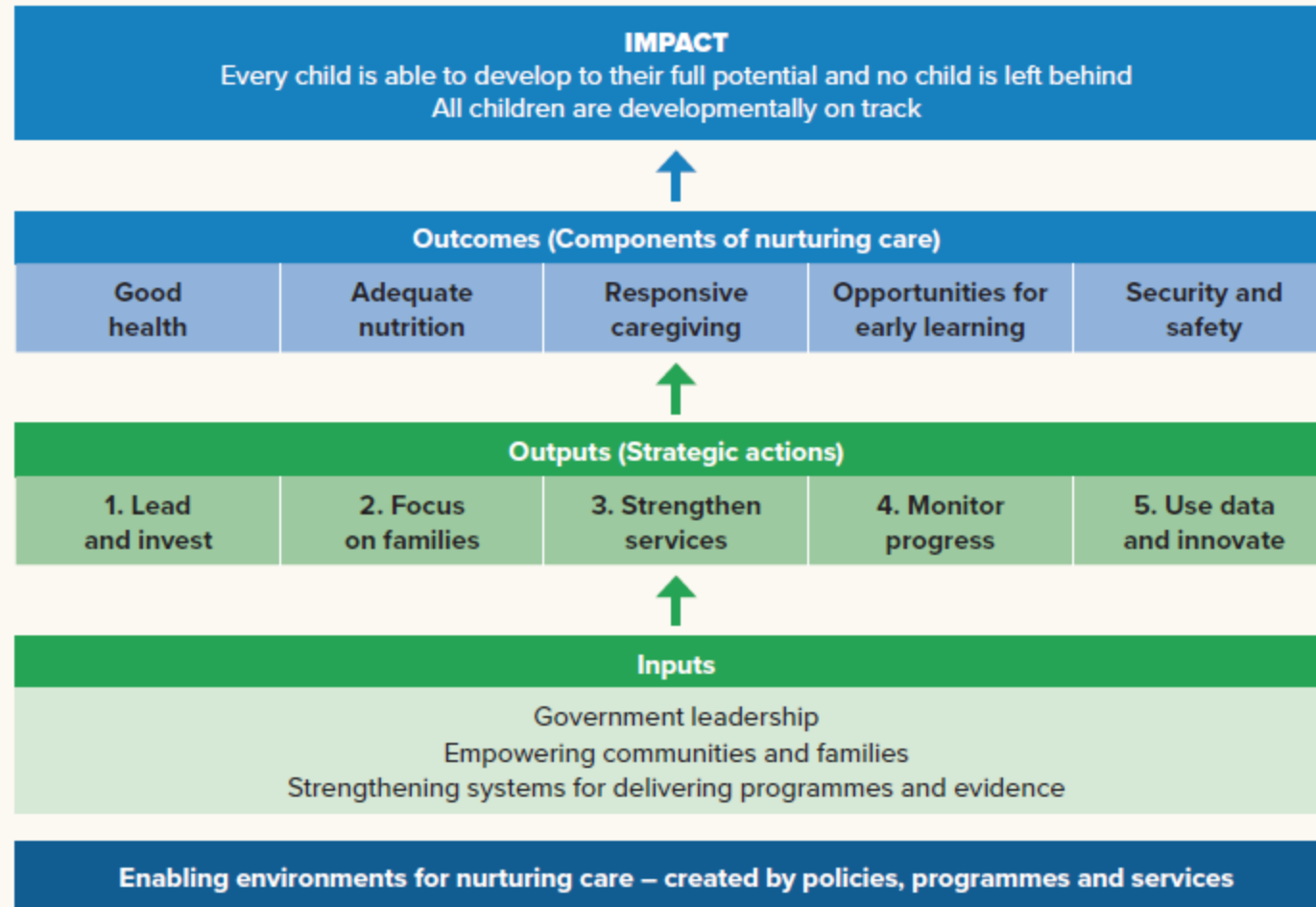


Enabling environments for nurturing care



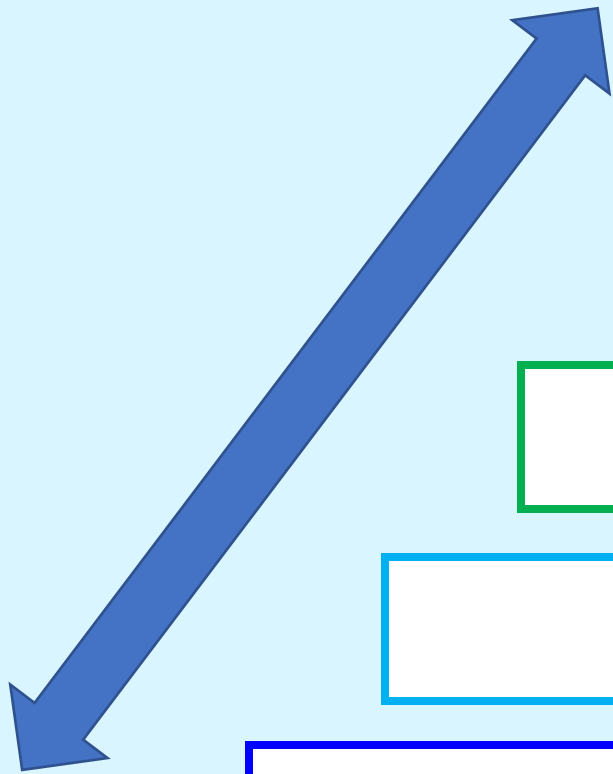
The Nurturing care framework logic model

Abbreviated Nurturing Care Framework logic model



Source: Adapted from Nurturing Care Framework, page 33.
Note: Refer to Annex 1 for full model.

The stairway to impact



Impact

ECDI2030, GSED, AIMD-ECD and other impact measures

Coverage

Coverage of essential interventions

Utilization

Utilization of the services by caregivers and children

Quality

Quality of these services

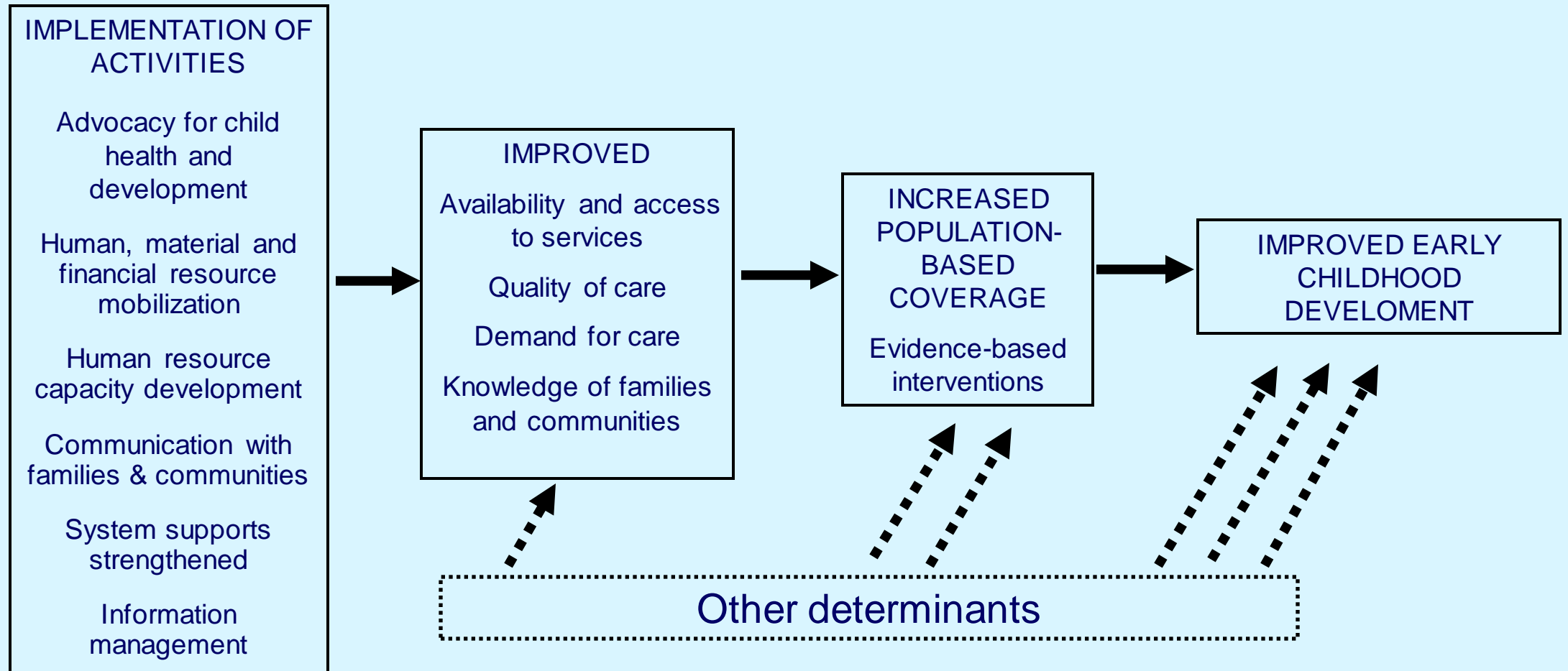
Provision

Access to services, community supports, and policy entitlements

Policy

Policies to build the enabling environments

Programme monitoring and evaluation



Data sources

Examples of indicators

Vital events

birth and deaths registration

Availability of services

e.g., % of providers trained

Quality of services

e.g., % of small newborns receiving KMC

Utilization of services

e.g., % of children enrolled in childcare

Systems

affordable services

Home care practices

e.g., % of children positive discipline

Coverage of interventions

immunization; adequate diet; stimulation

Risk factors

e.g., poverty, food insecurity, air pollution

Data sources

Civil registration and vital statistics system

Programme data

Routine management information systems

Facility assessments

Household surveys

Individual assessment and monitoring

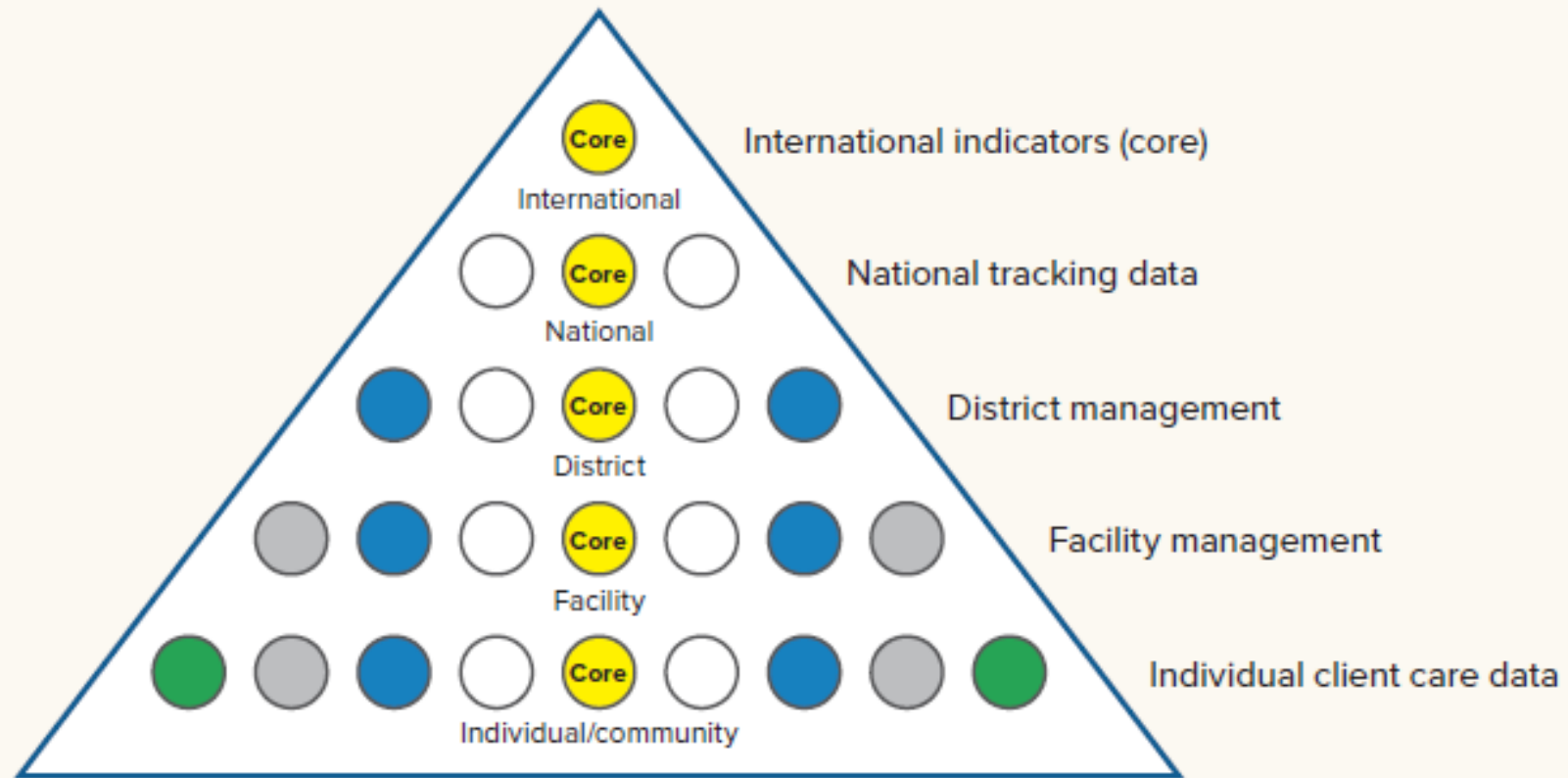
Programme monitoring and evaluation

Population level measurement



Data needs and use by level

Data collection and use by level of health system



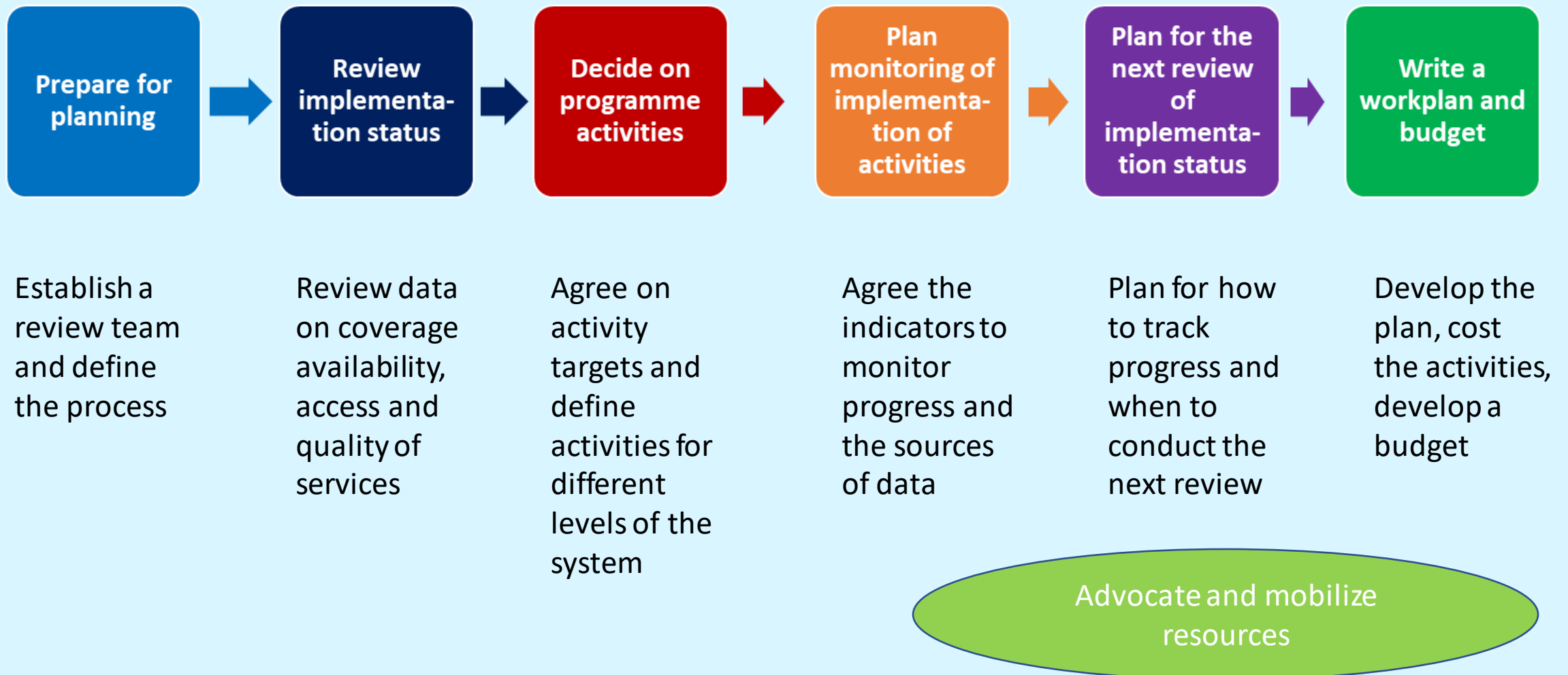
Source: Adapted from DHIS2 training materials/UNICEF

Bringing data together within and across sectors

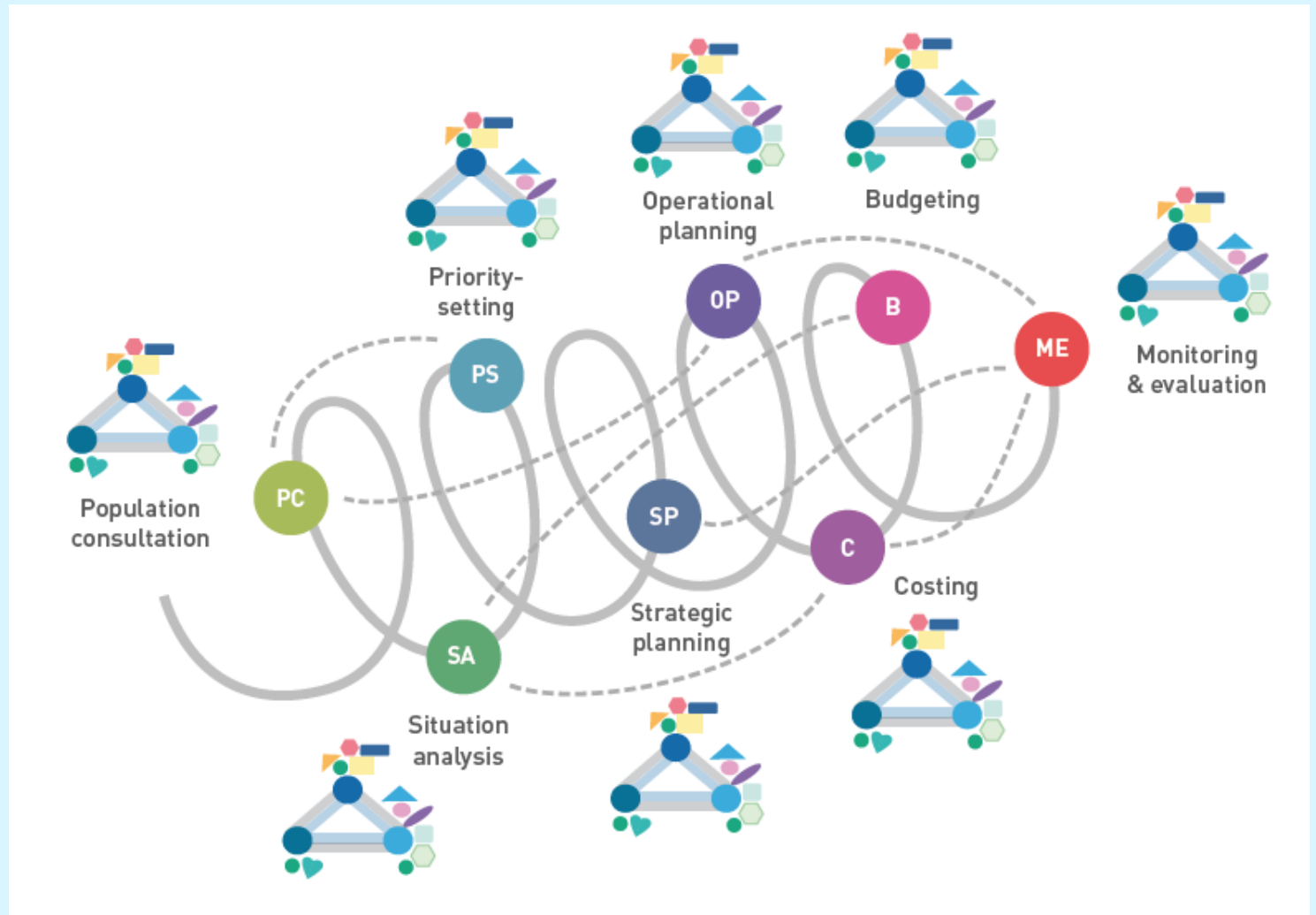
SDG TARGET 4.2: By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education.

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|--|--|---|---|
|  <p>1 NO POVERTY</p> | ECD has been documented as one of the most cost-effective strategies for poverty alleviation and reducing income gaps. |  <p>6 CLEAN WATER AND SANITATION</p> | ECD interventions provide access to clean water and sanitation services, and promote good hygiene habits that last a lifetime. |
|  <p>2 ZERO HUNGER</p> | Early stimulation amplifies the impact of nutritional interventions. ECD services buffer the negative effect of stress, thereby improving absorption of nutritional intake. |  <p>8 DECENT WORK AND ECONOMIC GROWTH</p> | Adequate childcare is a critical element of the decent work agenda. Investments in professionalization of the early childhood workforce contribute to full and productive employment, especially for women. |
|  <p>3 GOOD HEALTH AND WELL-BEING</p> | ECD interventions decrease the risk of adult health problems, such as diabetes, hypertension, stroke, obesity, some forms of cancer, cardiovascular disease. |  <p>10 REDUCED INEQUALITIES</p> | Inequalities emerge – and are best prevented – early in life (Woodhead 2016). Interventions delivered in the first few years of life can close the inequality gap between children born into disadvantage and their non-disadvantaged peers. |
|  <p>4 QUALITY EDUCATION</p> | Early learning opportunities are proven to be the foundation for later learning, academic success and productivity. Investing in quality childcare and pre-primary education reduces dropout/ repetition and improves learning outcomes. |  <p>11 SUSTAINABLE CITIES AND COMMUNITIES</p> | The well-being of young children and caregivers is an indication of a vibrant, prosperous city. Decisions that work for the youngest residents tend to have a wider positive impact for urban populations (e.g. green spaces, safe transportation). (BvLF 2019) |
|  <p>5 GENDER EQUALITY</p> | High-quality, affordable childcare contributes to women's economic advancement and empowerment. ECD reduces violence against women and girls, as well as child marriage. |  <p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p> | Early childhood interventions can instill values and behaviours that reduce violence and promote peace. ECD has been shown to contribute to lower rates of violence in the home and increased social cohesion in communities. (ECPC 2018) |

Using data for planning and management



Guiding this meeting: a logic approach to collecting and using data for action



Thank you

