

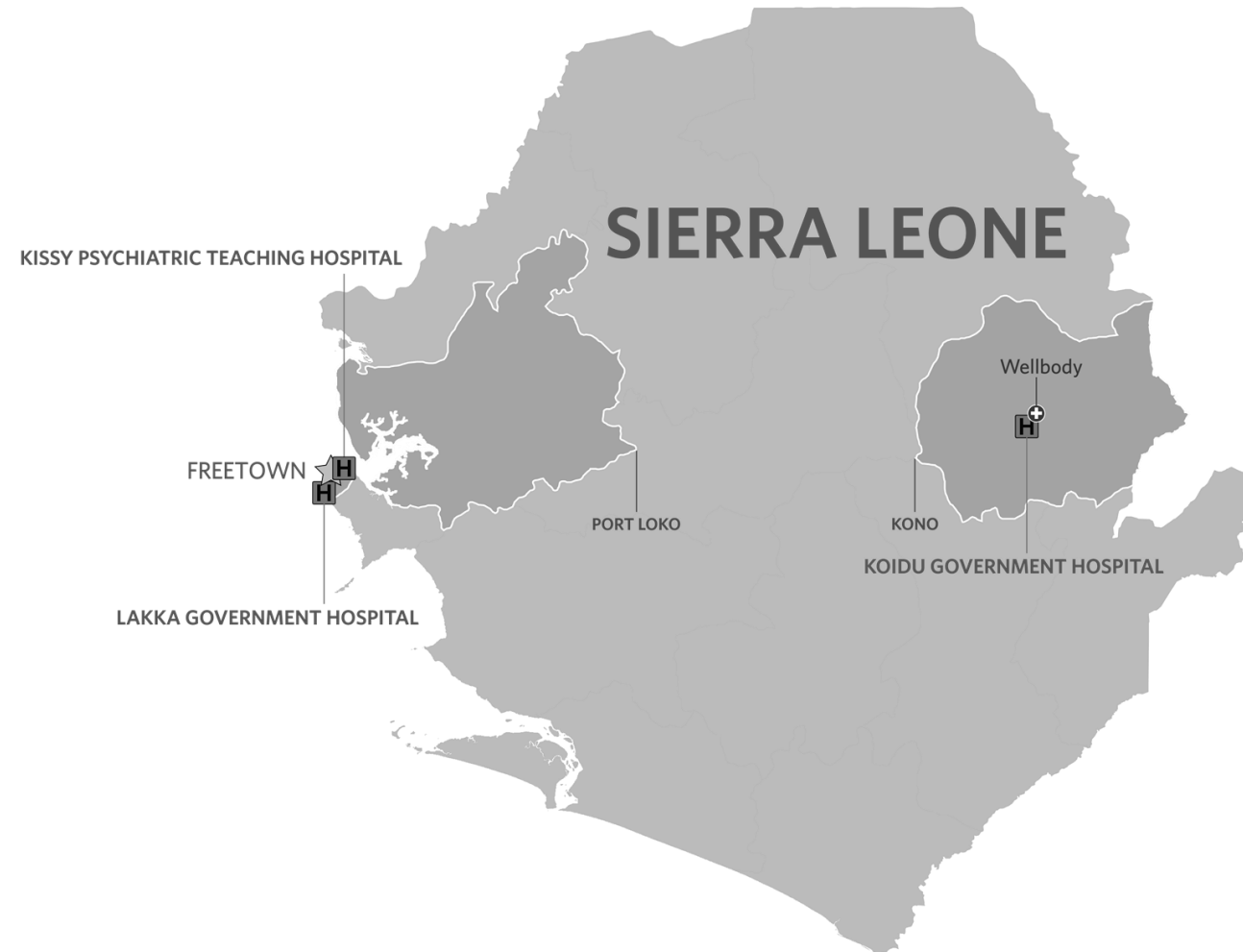
Partners In Health Sierra Leone Radically Reducing Maternal Mortality



Koidu Government Hospital

The need

Sierra Leone has the
highest maternal
mortality rate
in the world.



Switzerland

5 deaths per 100,000

Israel

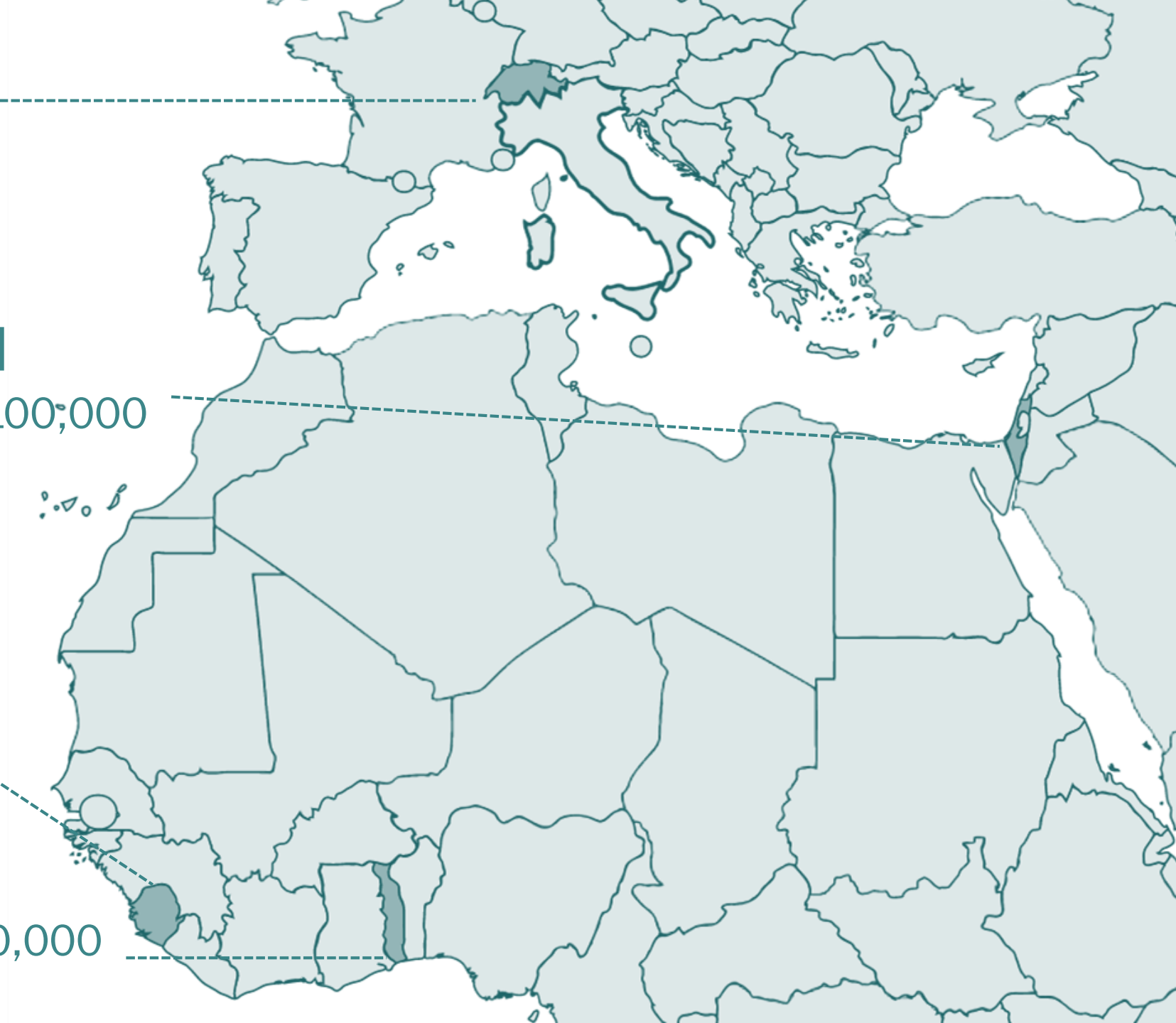
5 deaths per 100,000

Sierra Leone

1,360 deaths per 100,000

Togo

368 deaths per 100,000



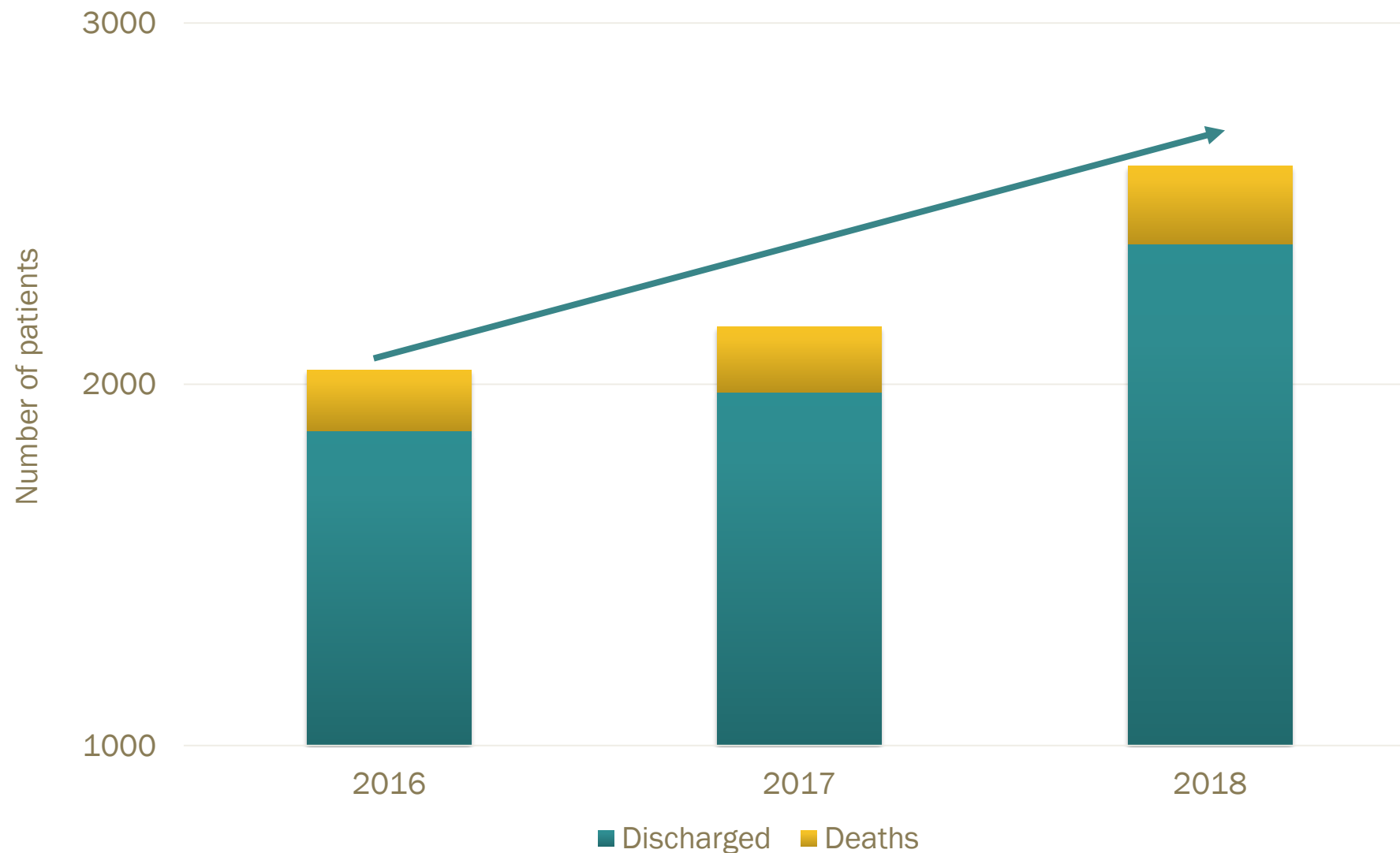


A WOMAN IN SIERRA LEONE HAS A
1 IN 17
LIFETIME RISK OF DYING
FROM A MATERNAL CAUSE

Source: WHO, UNICEF, UNFPA, World Bank Group & UNPD 2015



Current: Annual Maternal Admissions at KGH

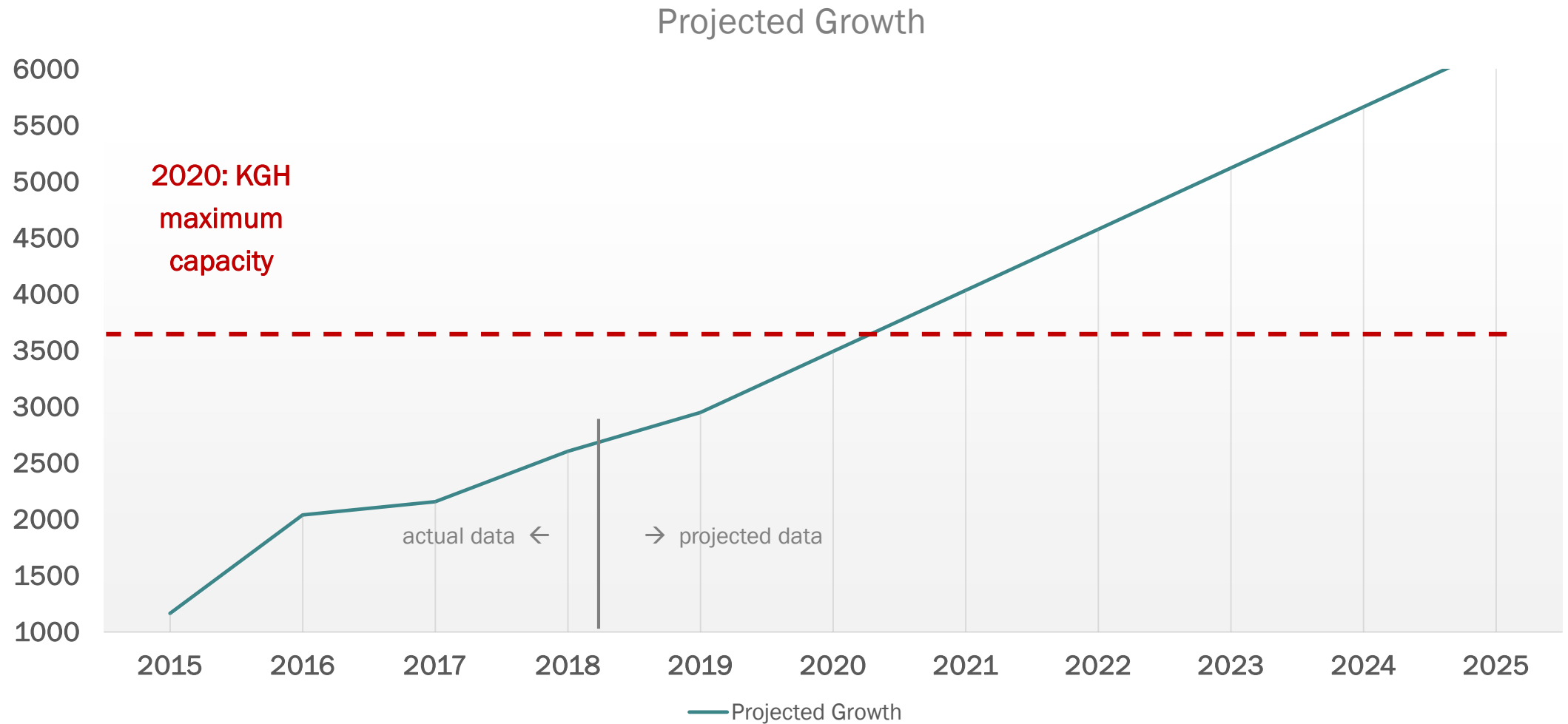


30 %

of KGH expected admissions are currently met*.

*estimate calculated using PIH UHC calculator. Assumes 100% of people in KGH primary catchment population use KGH and only those with obstetric complications from outside the catchment use KGH within Kono District. Uses January 2018-December 2018 data.

Future: Projected Maternity Admissions at KGH



Maternal Center of Excellence

“A goal without a plan is just a wish.”
— Antoine de Saint-Exupéry

2017

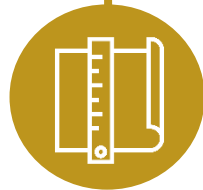


August

Drafted need and critical gaps with clinical leads in Sierra Leone.

Preliminary discussions with local and national government about vision, alignment with national priorities, and partnership

November



2018



April - October

Conducted internal & external expert consultation to develop staffing, design, and operational plans. Partnership formed with Build Health International to develop designs.

Conducted costing exercises to assess construction and full operating costs. Refined MCoE costing model and projections with Global Finance & sought input on key decisions from ELT.

November - December



2019



January - March

Ongoing meetings to refine compensation model, assumptions and financial model with ELT

Presented final product to ELT for approval to proceed to Board

April

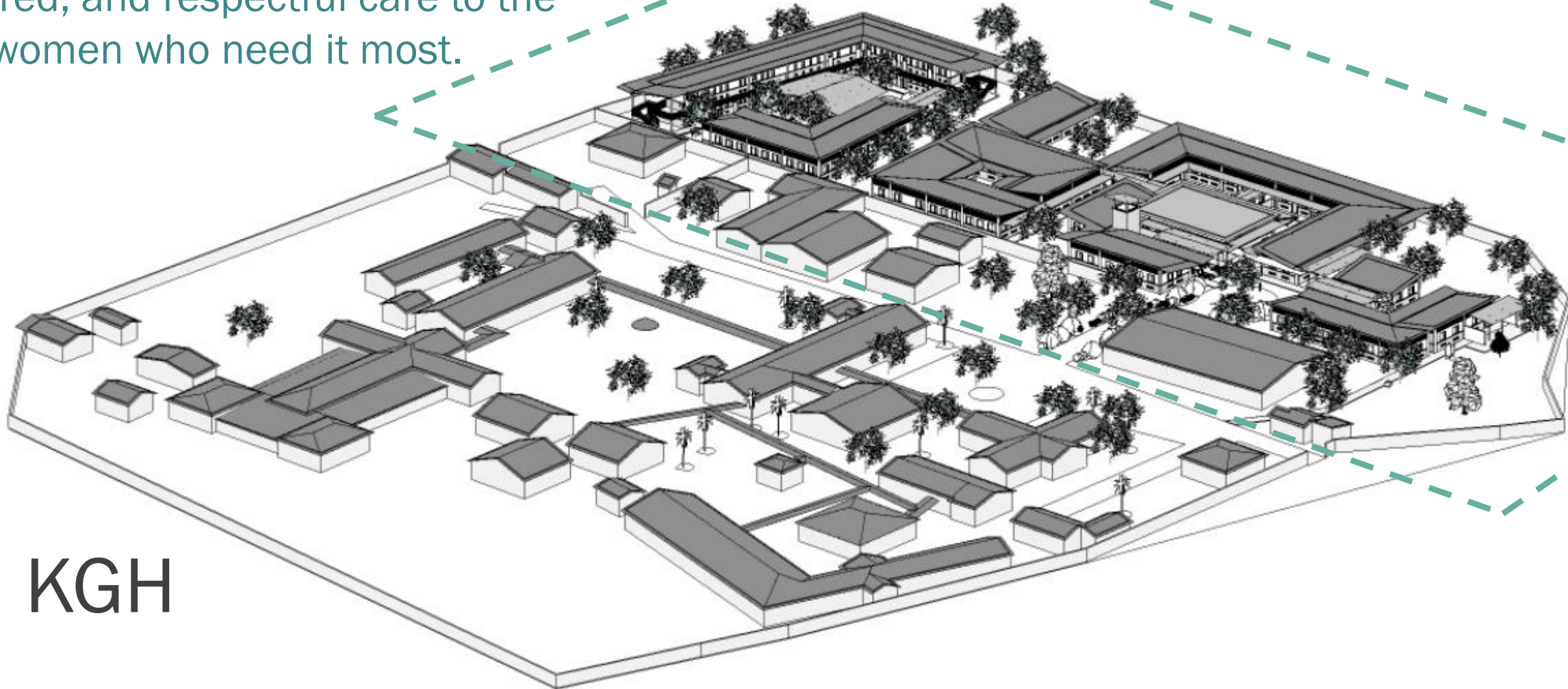


Maternal Center of Excellence

Radically Reducing Maternal Mortality: Phase One, The Maternal Center of Excellence

We are striving to radically reduce maternal mortality in the epi-center of maternal death worldwide, to deliver high-quality, human-centered, and respectful care to the women who need it most.

MCoE

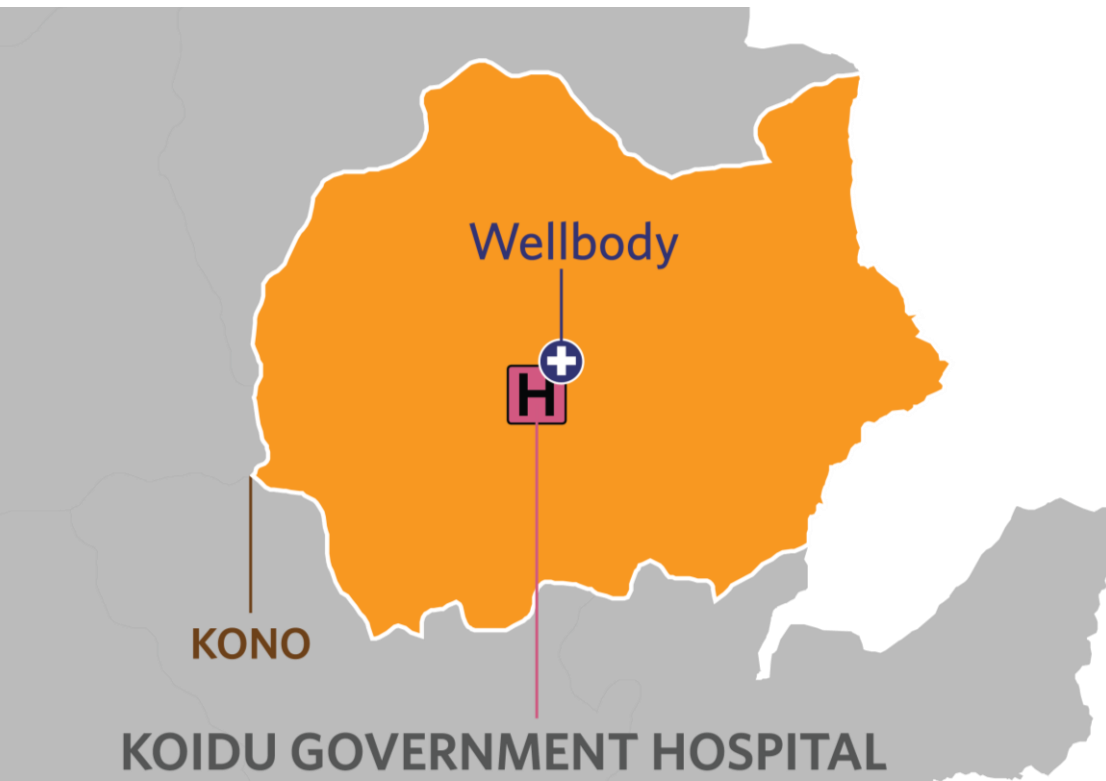


KGH



As we invest in **primary care** and **community health**, we will serve more women and will find **more women who need emergency services**. They will be referred to KGH: the only hospital in the district.

We will build, equip, staff, and operate a Maternal Center of Excellence that can provide the globally accepted gold standard of care to women in Kono District, Sierra Leone. This facility also serves as a training center for the next generation of Sierra Leone's health workforce to enable them to deliver evidence-based, proven reproductive health practices and technologies to the people of Sierra Leone.



506,100

people
in Kono/KGH catchment area

18,468¹

births
annually in Kono District

2,770²

deliveries
involving obstetric complications

1. Uses crude birth weight for Sierra Leone 35.6 (source: World Bank 2015) /1000 * Kono catchment population

2. Applied an assumption of 15% * expected live births in Kono District [see above]. Uses total births as a proxy for pregnancies; will be a low estimate because it does not capture pregnancy loss before 28wks or 1500g. Source; "Monitoring Emergency Obstetric Care", WHO

The Maternal Center of
Excellence will allow us to
more than double our
coverage of women in Kono
(i.e. the expected admissions vs. actual)



and will improve the availability of
specialty services like intensive care
units for neonates and pregnant
women.



Maternal Center of Excellence

And what if we succeed?



Maternal Center of Excellence

Appendix

Scope of Maternal Center of Excellence (Full Capacity)

471

maternity admissions
per month compared to 217

361

deliveries
per month compared to 119

1,558

antenatal care visits
per month compared to 500

102

c-sections
per month compared to 48

119

beds
compared to 46 current beds

23

beds in surgical suite + 2 operating theatres
pre-op, operating rooms, recovery, post-op

21

high-dependency/critical care beds
for maternal and neonates

75

beds for routine care & complications
triage, L&D, ANC/PP complications, post-partum, perinatal loss, isolation

Scope of Maternal Center of Excellence

Inpatient Services	Outpatient Services	Integrated Services / Principles of Care	Support Services
<p>Antenatal Complications</p> <p>Routine Labor & Delivery</p> <p>Comprehensive Emergency</p> <p>Obstetric & Newborn Care</p> <p>Management of Major Direct Obstetric Complications</p> <p>Obstetrical Surgical Care (pre, intra, & post-op)</p> <p>Maternal Critical Care</p> <p>Routine Postpartum Care</p> <p>Postpartum Complications</p> <p>Essential Newborn Care</p> <p>High-Dependency Newborn Care (NICU)</p> <p>Kangaroo Mother Care (KMC)</p> <p>Family Planning</p> <p>Reproductive Health Services</p>	<p>Routine ANC</p> <p>High Risk ANC</p> <p>Routine PNC</p> <p>Family Planning</p> <p>Reproductive Health</p> <p>Adolescent Friendly Health Services (AFHS)</p> <p>U5 Vaccination Services</p>	<p>Respectful Maternity Care</p> <p>PMTCT</p> <p>Adolescent Friendly Health Services</p> <p>Family Planning</p> <p>Sexual and Gender-Based Violence Screening & Treatment</p> <p>Lactation Support</p>	<p>Laboratory</p> <p>Pharmacy</p> <p>Blood Bank</p> <p>Clinical Training & Learning Lab</p>