



SCI

Schistosomiasis
Control Initiative

SCI's contribution to the global effort to control and eliminate schistosomiasis

Dr Wendy Harrison

26th June 2014

A Reminder : Global Burden of Disease

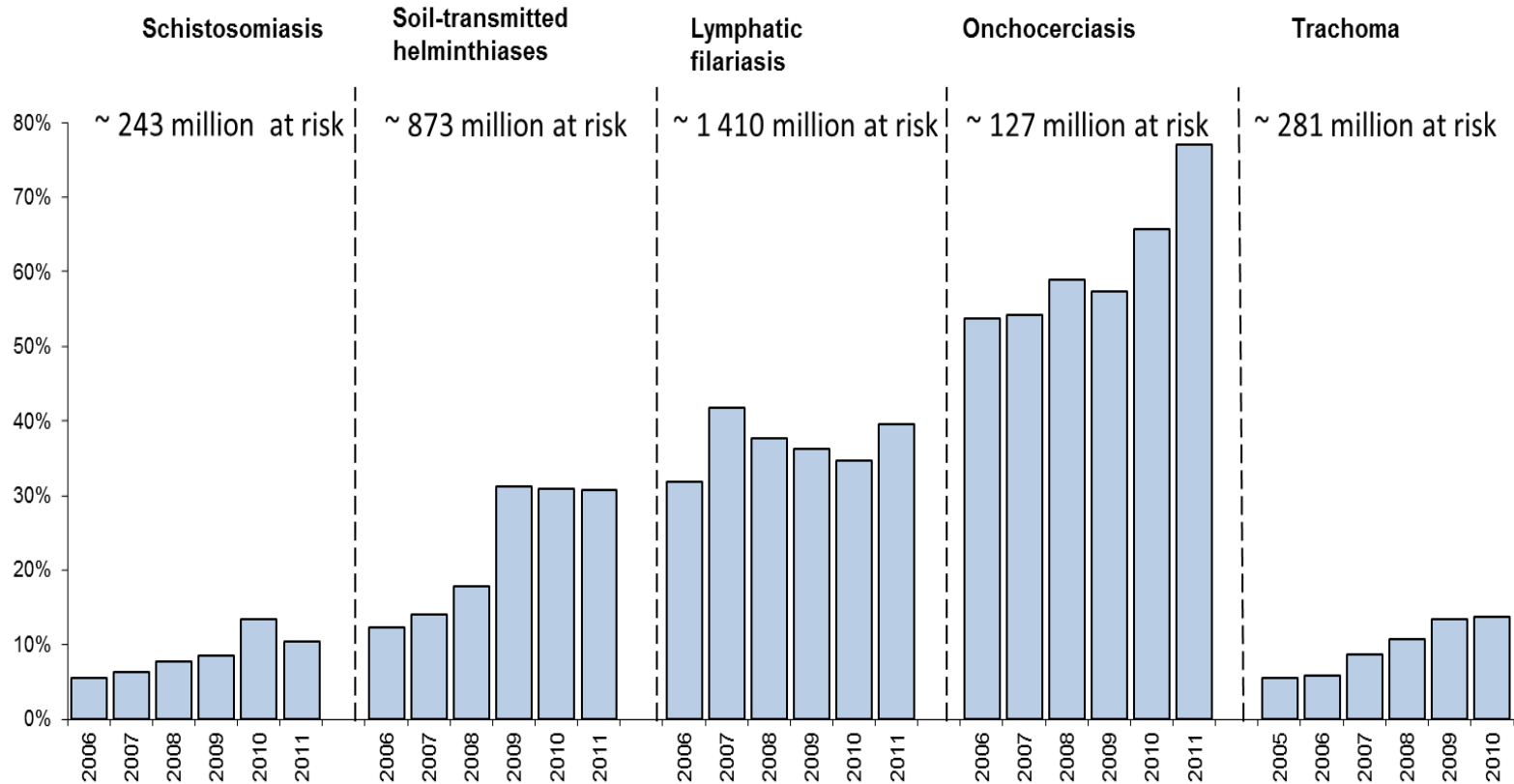
NTD	DALYs
Trypanosomiasis	1,345,594
Chagas disease	499,067
Schistosomiasis	3,971,096
Leishmaniasis	3,754,202
Lymphatic filariasis	2,740,426
Onchocerciasis	564,059
Leprosy	215,338
Dengue	1,242,604
Trachoma	308,175
Rabies	2,297,287
Ascariasis	1,253,785
Trichuriasis	629,901
Hookworm disease	3,158,856

Total DALY burden of NTDs **22 million DALYs**

41% of NTD DALY burden attributed to **schistosomiasis** and **soil transmitted helminths**

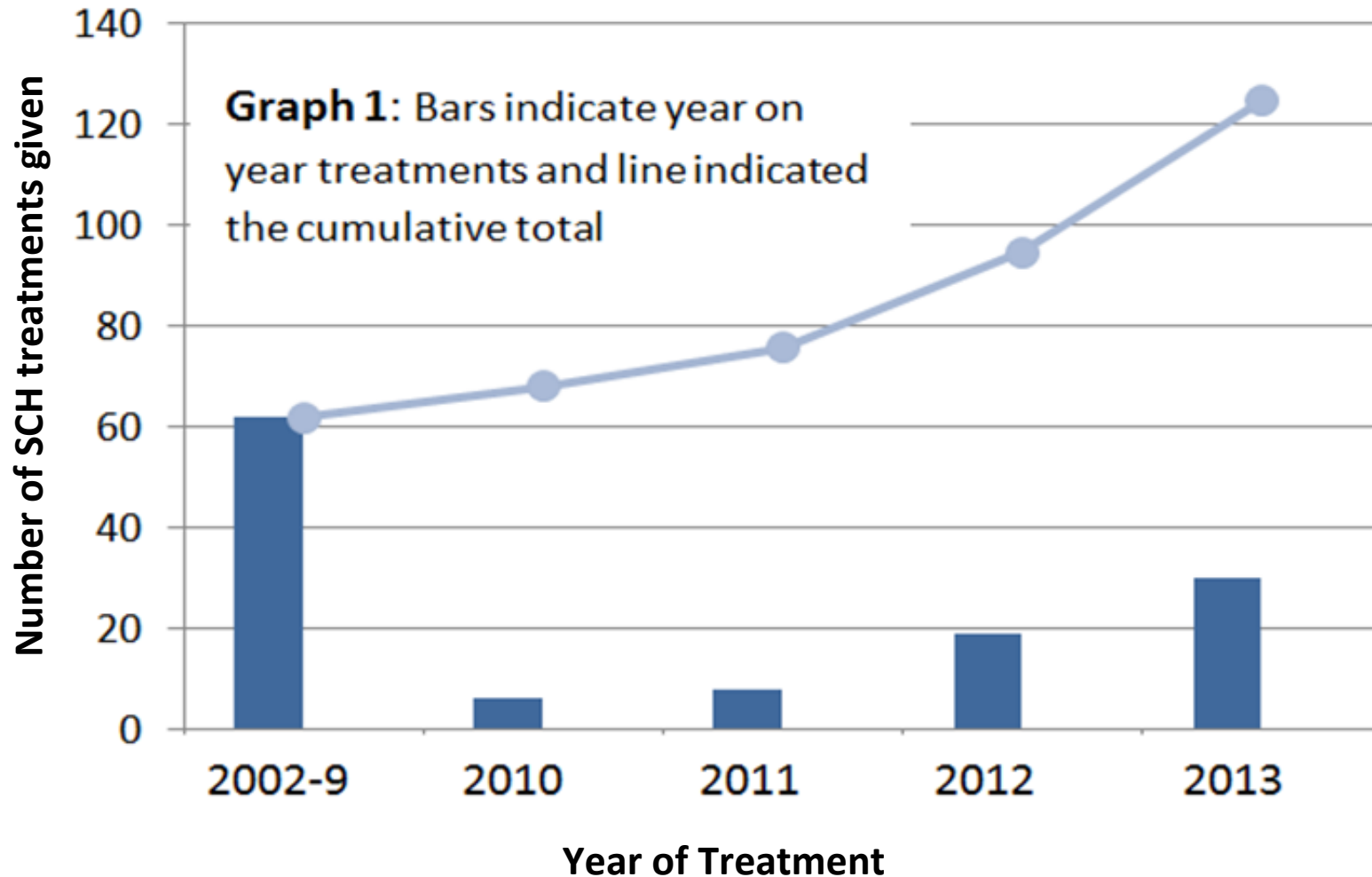
243 million people estimated to be at risk of schistosomiasis

Success to date in SCH treatment

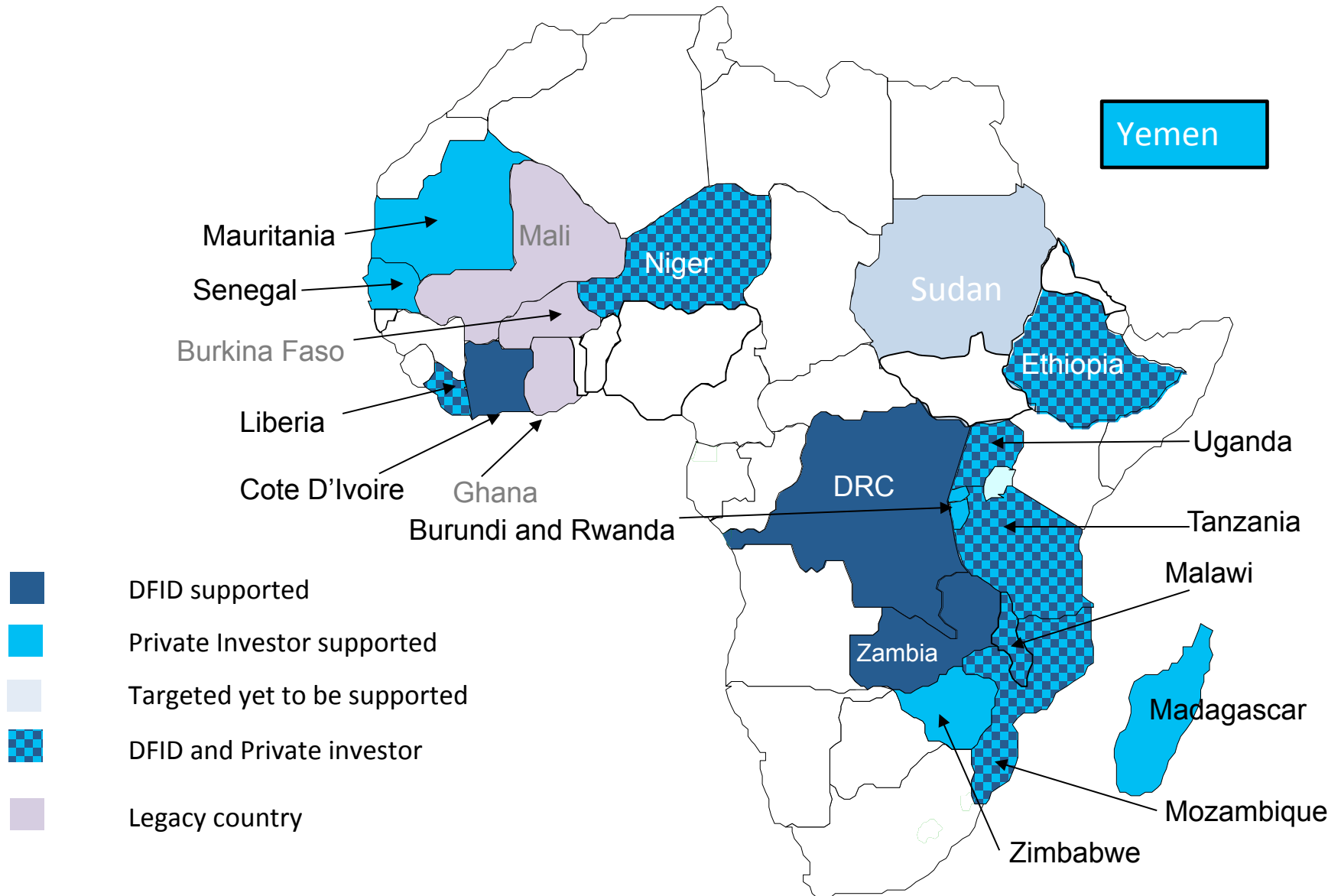


2011	Schistosomiasis	Soil-transmitted helminthiases	Lymphatic filariasis	Onchocerciasis	Trachoma
# of counties reported	24	63	34	28	ND
# of people treated	28,140,136	302,523,800	557,434,305	98,089,495	ND
Coverage (%)	10.4	30.6	39.5	77.1	ND

SCIs contribution to the global effort



SCI supported countries 2014



SCI strategy for country support

Research into practice target

- Conduct high quality operational research to optimise strategies for control and elimination of SCH

Implementation target

- **Expansion** 6 countries in 2002 to 16 countries in 2014
- **Sustainable programming** – 2 legacy countries that were transitioned to other implementing agencies
- **Cost effective delivery** mechanisms
- **Implement appropriate** monitoring and evaluation strategies

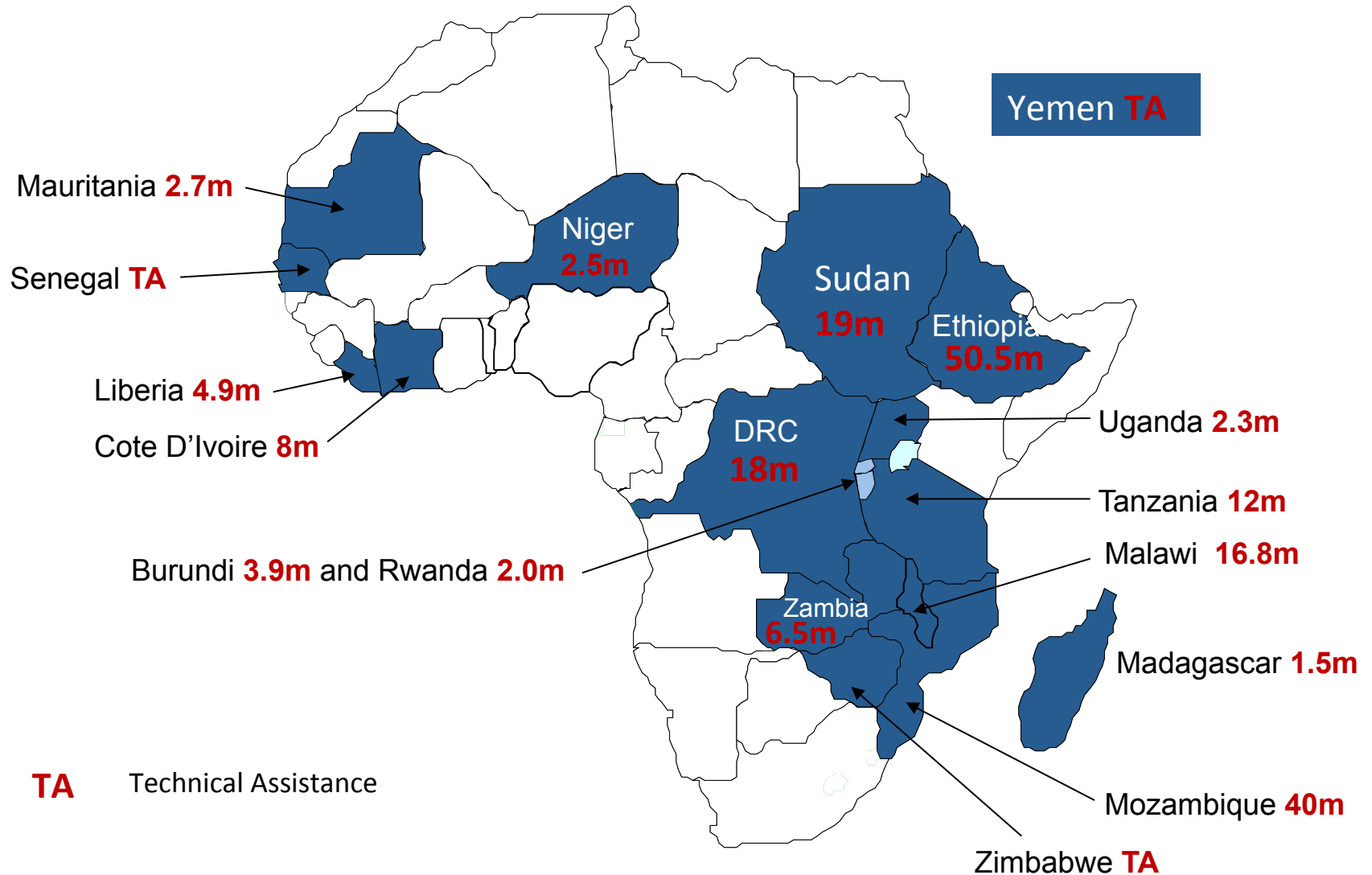
Capacity Building target

Partnership with endemic country governments

Increase capacity to delivery preventative chemotherapy

Programmes and contribute to strengthening health systems

SCI support for treatment until 2018



Goal to deliver an additional **240 million treatments by 2018**

Resource requirement



Praziquantel supply



Financial Resources



Human Resources



Endemic Country Resources

Praziquantel availability



Merck Serono donation 20 million per year in 2011 rising to 250 million tablets per year by 2016

WHO coordinated the country request for PZQ avoid duplications of drug supply to a few countries.

Donations for STH control



In October 2010 GSK committed an additional 400 million tablets a year to deworm school aged children in Africa (now almost 1 billion each year globally including LF)

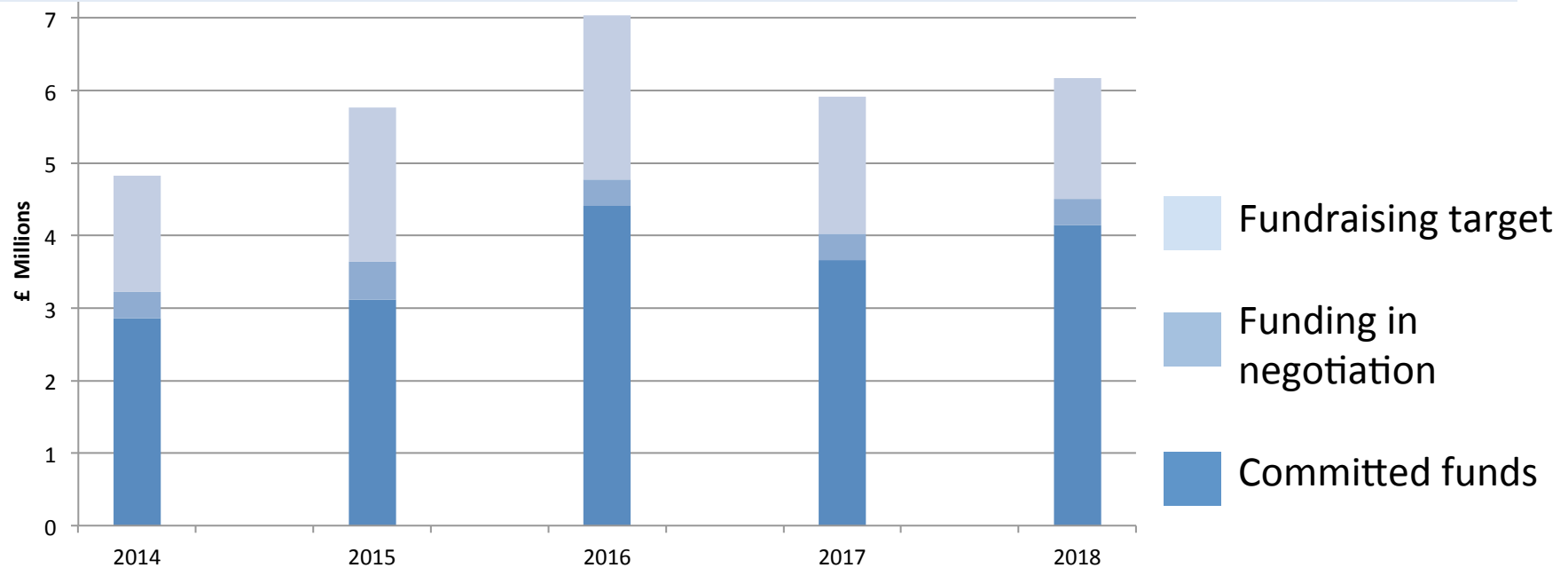


Johnson & Johnson – from 2013 their mebendazole donation will be increased to 200 million tablets/year

Praziquantel availability

Source	2013	2014	2015	2016
DFID	60m	60m	60m	60m
USAID	90m	90m	90m	90m
Merck	60m	90m	140m	250m
Total	210m	240m	290m	400m
To treat	80m	100m	120m	150m

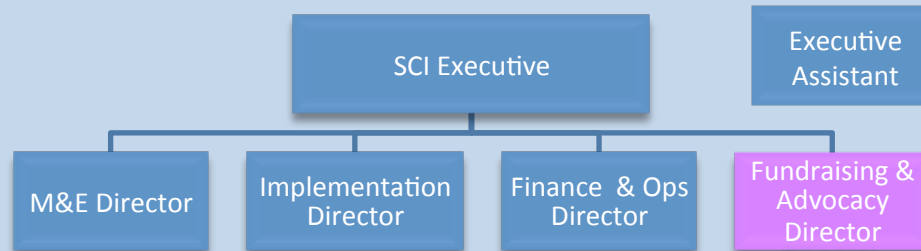
Funding targets 2014 – 2018



	Millions of GBP			
	Committed funds	Funds in negotiation	Fund raising target	Total
2014	£2.86	£0.36	£1.59	£4.82
2015	£3.12	£0.52	£2.13	£5.77
2016	£4.41	£0.36	£2.26	£7.04
2017	£3.66	£0.36	£1.89	£5.91
2018	£4.14	£0.36	£1.67	£6.17

Human Resources : SCI Team

Management team



Operational teams



Endemic country resources



Promotion of endemic country ownership and leadership of NTD Programmes

Quantification of the resources contributed by country governments



Provision of technical assistance from UK based programme managers to Ministries of Health

Capacity building and strengthening of existing structures



New model in low capacity / complex settings of supporting in country programme managers to provide assistance to Ministries of Health

Any questions ?

Praziquantel availability

Funder		2014	2015	2016	Total
USAID	Tablets in millions	100	100	100	300
	Treatments in millions	40	40	40	120
	Cost in GBP millions	7	7	7	21
DFID	Tablets in millions	70	70	70	210
	Treatments in millions	28	28	28	84
	Cost in GBP	4.9	4.9	4.9	14.7
Other	Tablets in millions	20	20	20	60
	Treatments in millions	8	8	8	24
	Cost in GBP	1.4	1.4	1.4	4.2
Merck	Tablets in millions	65	120	250	435
	Treatments in millions	26	48	100	174
	Cost in GBP	4.55	8.4	17.5	30.45
Total	Tablets in millions	255	310	420	985
	Treatments in millions	102	124	168	394
	Cost in GBP	17.85	21.7	29.4	68.95