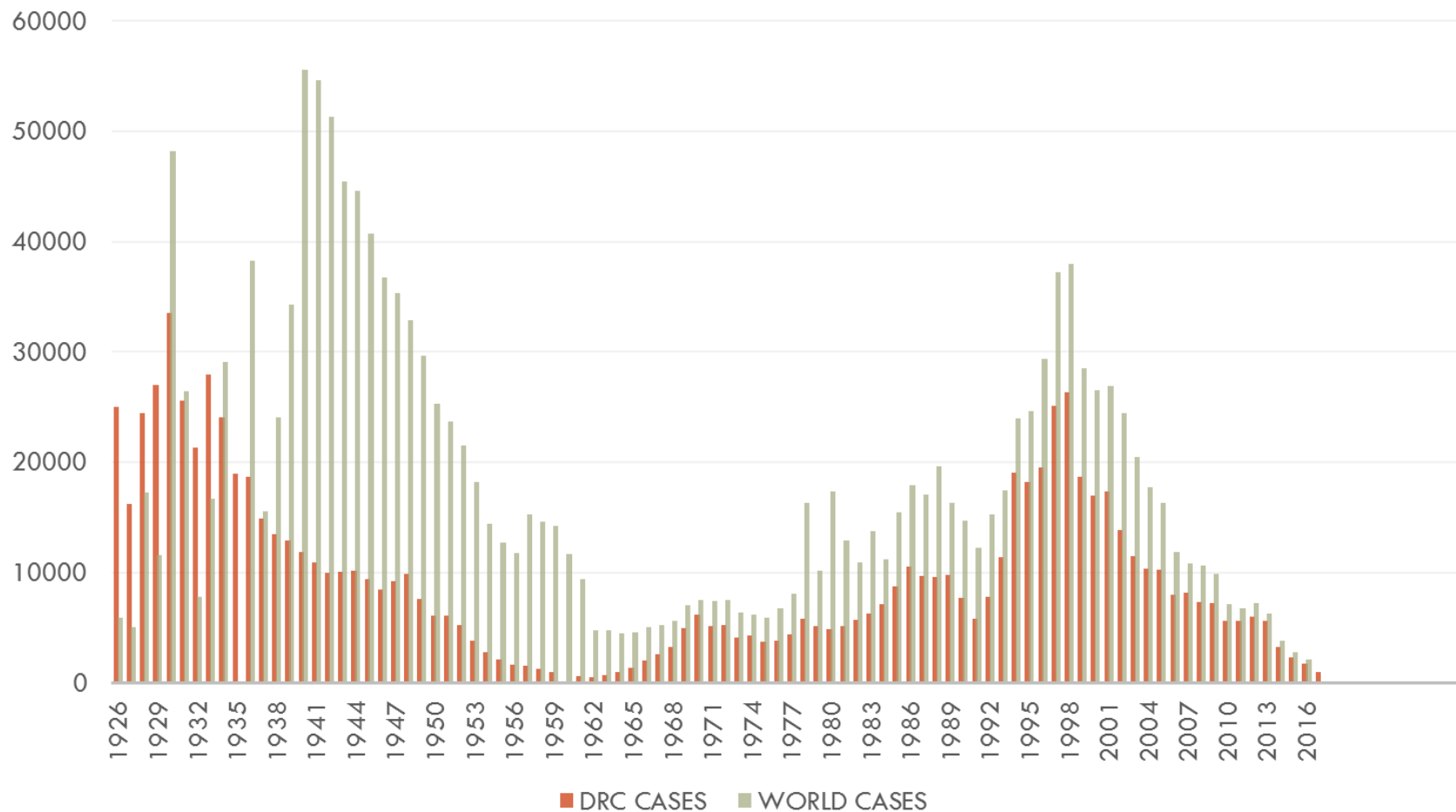


SUPPORT TO THE ELIMINATION OF SLEEPING DISEASE

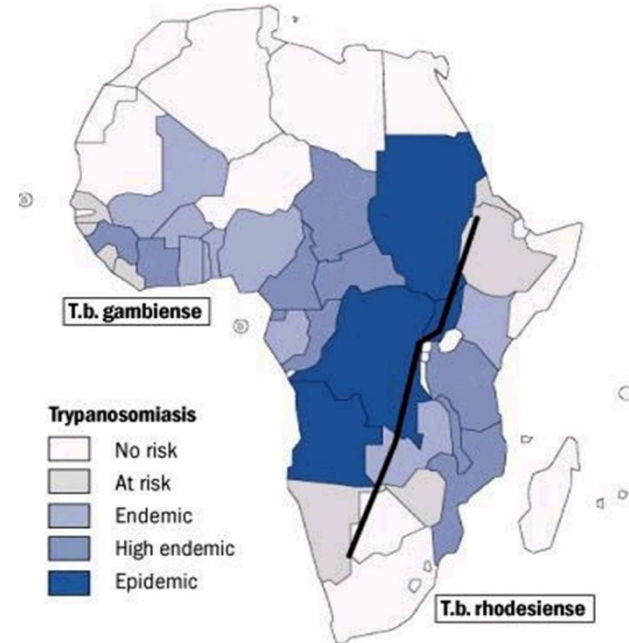
PARTNERSHIPS





Human African Trypanosomiasis

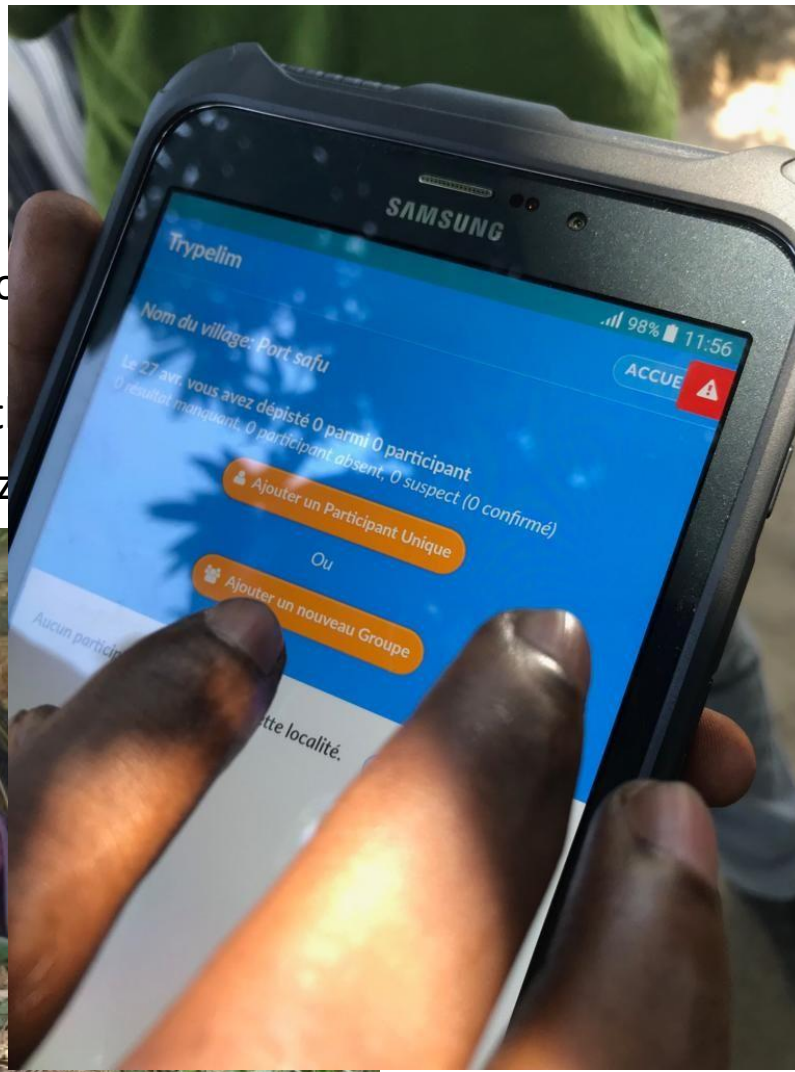
- Fatal disease if untreated
- 2 stages
 - Stage 1: haemolymphatic
 - Stage 2: involvement of central nervous system
- Transmitted by tse-tse fly
- In 36 subsaharan African Countries
 - T.b. gambiense: 24
 - T.b. rhodesiense: 13
- Reported cases in 2018
 - 15 African Countries: 977
 - DRC: 660 (67%)



- 60 million at risk

New Tools

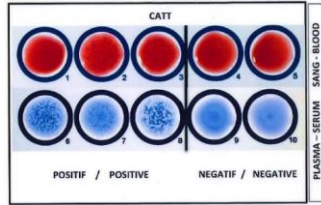
- ❑ Hardly any inno
- ❑ 2009: NECT
Combination t
- ❑ 2018: Fexinidazole



DNDi
Drugs for Neglected Diseases initiative

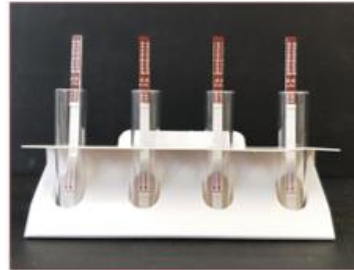


Serological Screening



Confirmation

☐ To Visualize Parasite



mini Anion Exchange
Centrifugation Technique

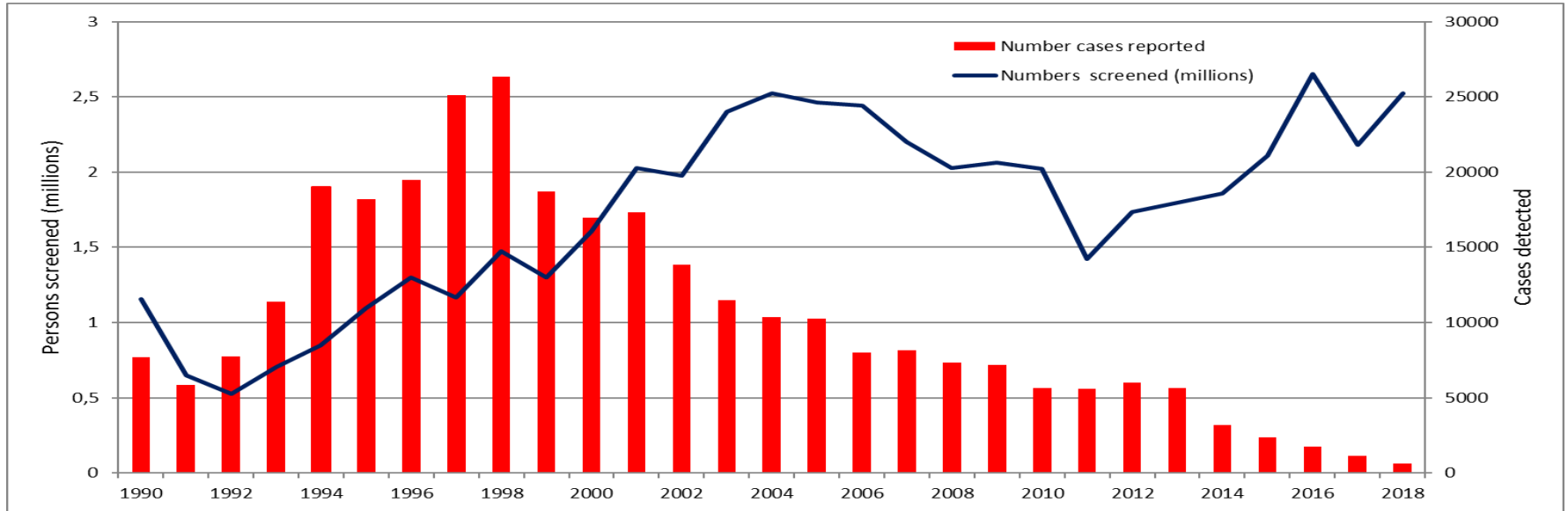
Staging

☐ To decide treatment

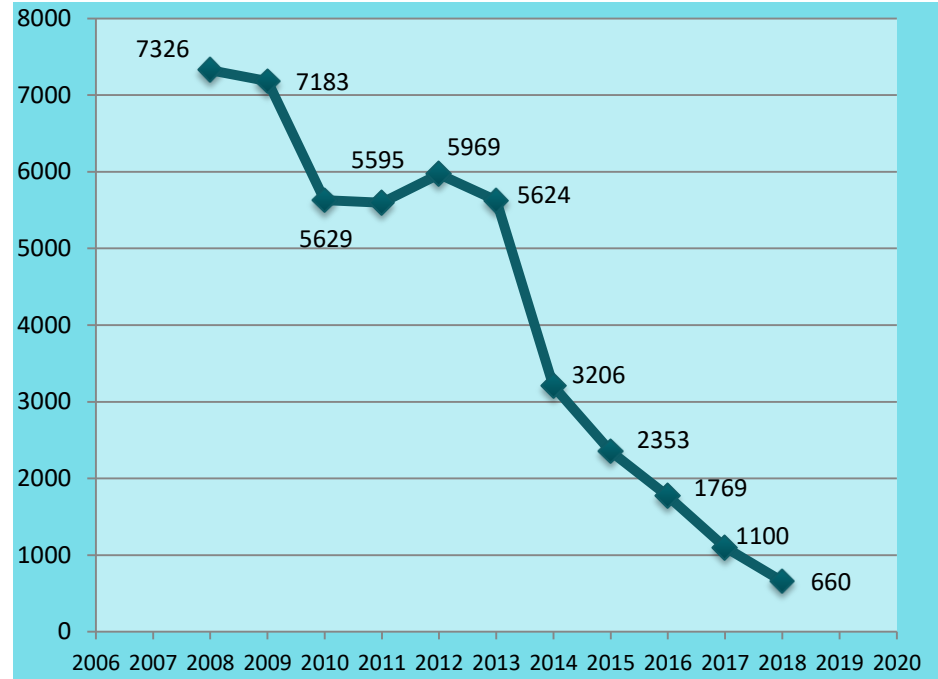
☐ Lumbar Puncture

☐ Future ?

HAT cases in DRC vs. Number of people screened



Quality Control



Drop in cases in 2013 coincides with quality control activities in some districts

Massive Sreening by mobile teams

- ☐ Voluntary basis
- ☐ Traditional mobile units
 - ☐ Test
 - ☐ Confirm
- ☐ Smaller mobile units
 - ☐ Accessibility
 - ☐ Door to Door
 - ☐ Flexible
- ☐ How long can this be justified ?



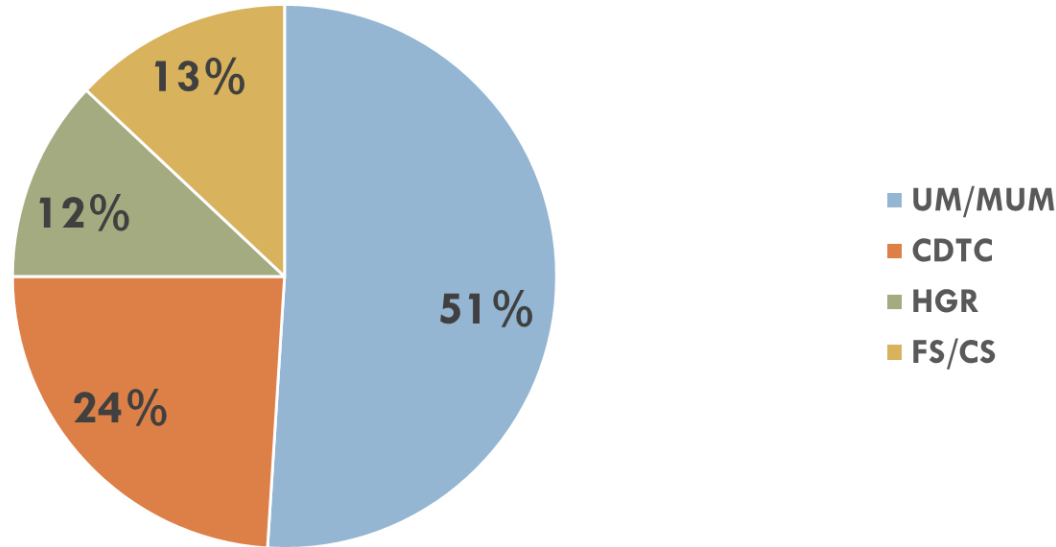


HAT Screening in DRC (Jan – June 2019)

	KONGO C	BDD N	BDD S	EQ SUD	EQ NORD	KASAI OR	KASAI OCC.	MAN/KAT	KINSHASA	PROV OR	SANKURU	TOTAL
PTR	25795	257698	319119	17345	70942	85430	47917	35781	13332	32935	22652	928946
PTE DA	21401	243948	288856	10052	67975	75482	36840	28819	10307	27721	18908	830309
PTE DP	3067	41401	9168	5577	42943	23089	12068	5483	1655	4265	4302	153018
TOTAL PTE	24468	285349	298024	15629	110918	98571	48908	34302	11962	31986	23210	983327
CATT	23768	208914	180625	15253	67884	98257	48908	33962	11724	31871	23210	744376
TDR	812	76537	3061	376	1053	313	0	344	238	235	0	82969
CATT+	110	376	638	26	231	1071	185	99	9	341	231	3317
TDR+	10	1233	2631	1	22	30	0	8	6	7	0	3948
NC DA	0	21	35	1	4	5	18	5	1	3	8	101
NC DP	1	24	35	1	7	6	9	11	2	3	17	116
TOTAL NC	1	45	70	2	11	11	27	16	3	6	25	217

Source PNLTHA, non validated data

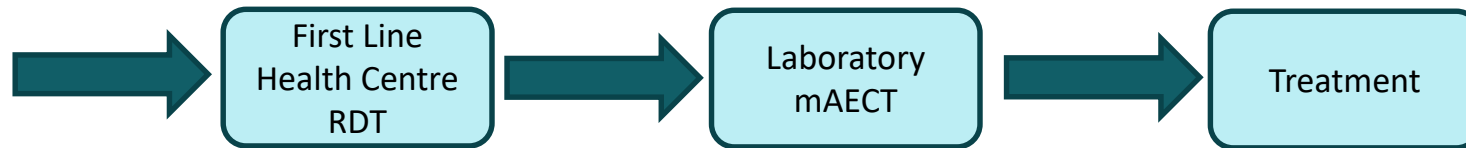
Proportion of New Cases diagnosed by control structure: 2018



UM: Mobile team; MUM: mini mobile team; CDTC: specialized diagnosis and treatment centre; HGR: General referral hospital; FS/CS: polyvalent health centre

Passive Screening in health facilities

- Always existed
- Few investments
- About 50% of cases detected in fixed health structures
- Integration ?

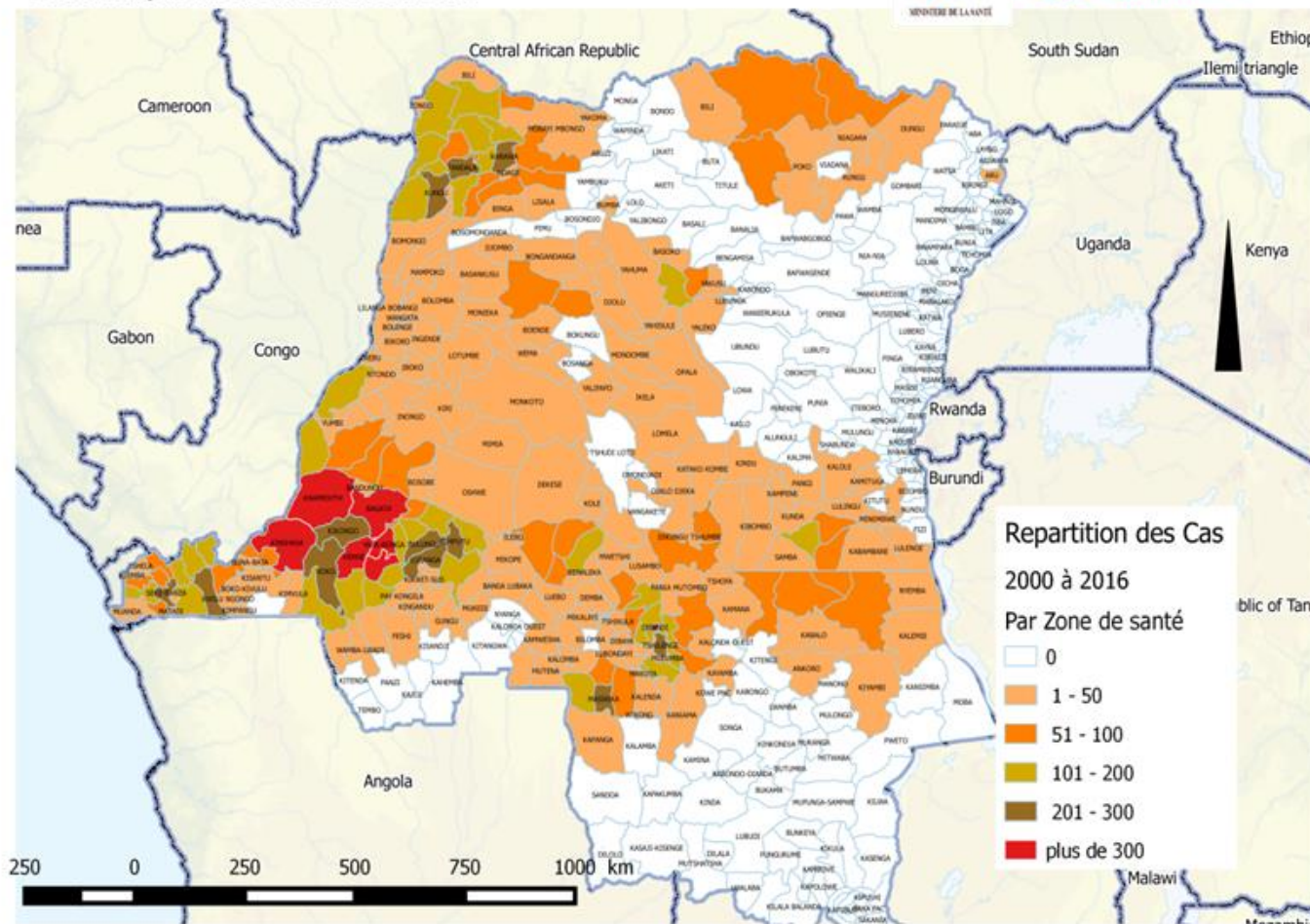


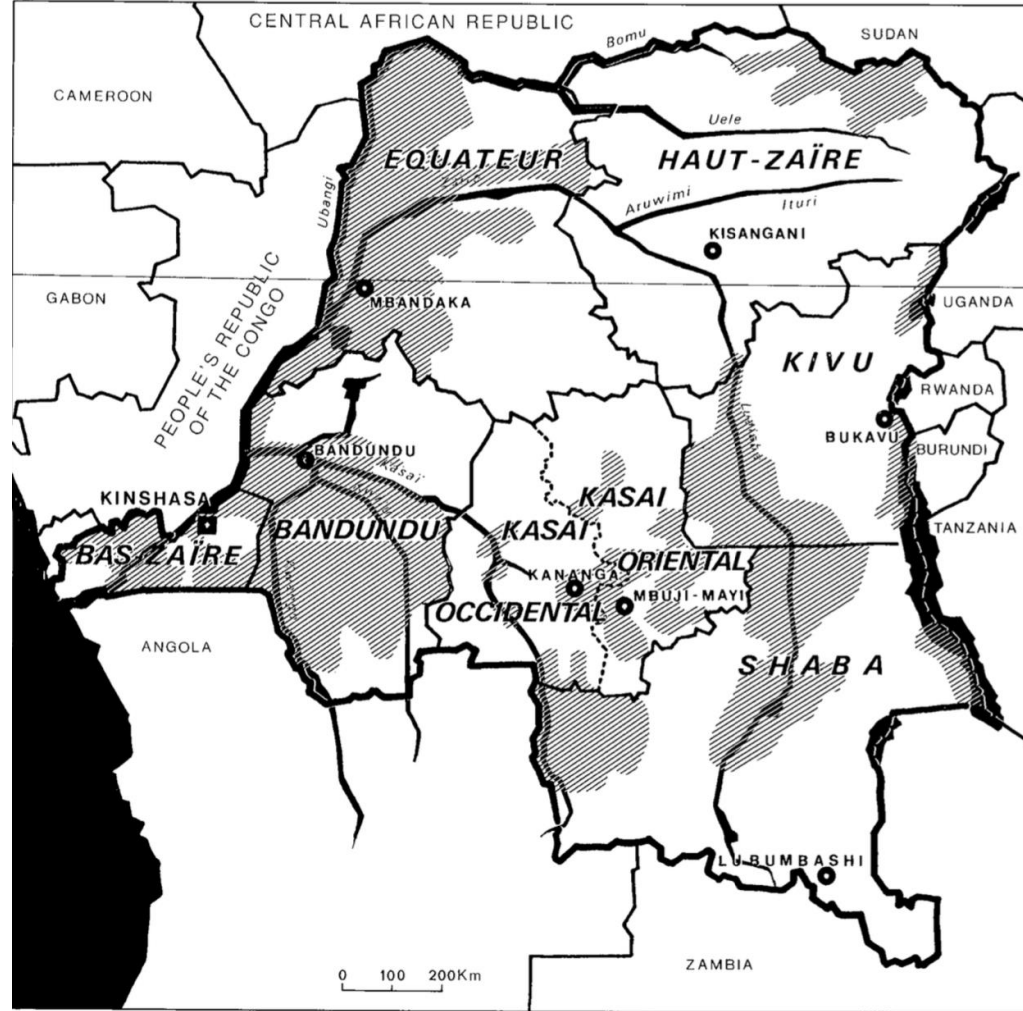
What next ?

- Assure HAT Diagnosis in reference centres of endemic areas
- Reactive screening combining all available tools
- Integrate in decentralization policy of MoH
 - New partners in Ministry
- Integrate in existing health projects / Programmes
 - Enabel
 -
- Post elimination surveillance

New partners wanted

Republique Democratique du Congo
Cas de THA par Zone de Santé de 2000 à 2016





Map 39 – Distribution of sleeping sickness in the Congo in 1952
(from Neveu, 1952)

Conclusion

- High ambitions justified
- Many challenges ahead => revision of roles
- Leverage
- Long term commitment of 2 donors
- No request for new donors
- Search for implementation partners

