WASL Progress and Experiences

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SITE SELECTION









RESEARCH PROGRAM ON Forests, Trees and Agroforestry

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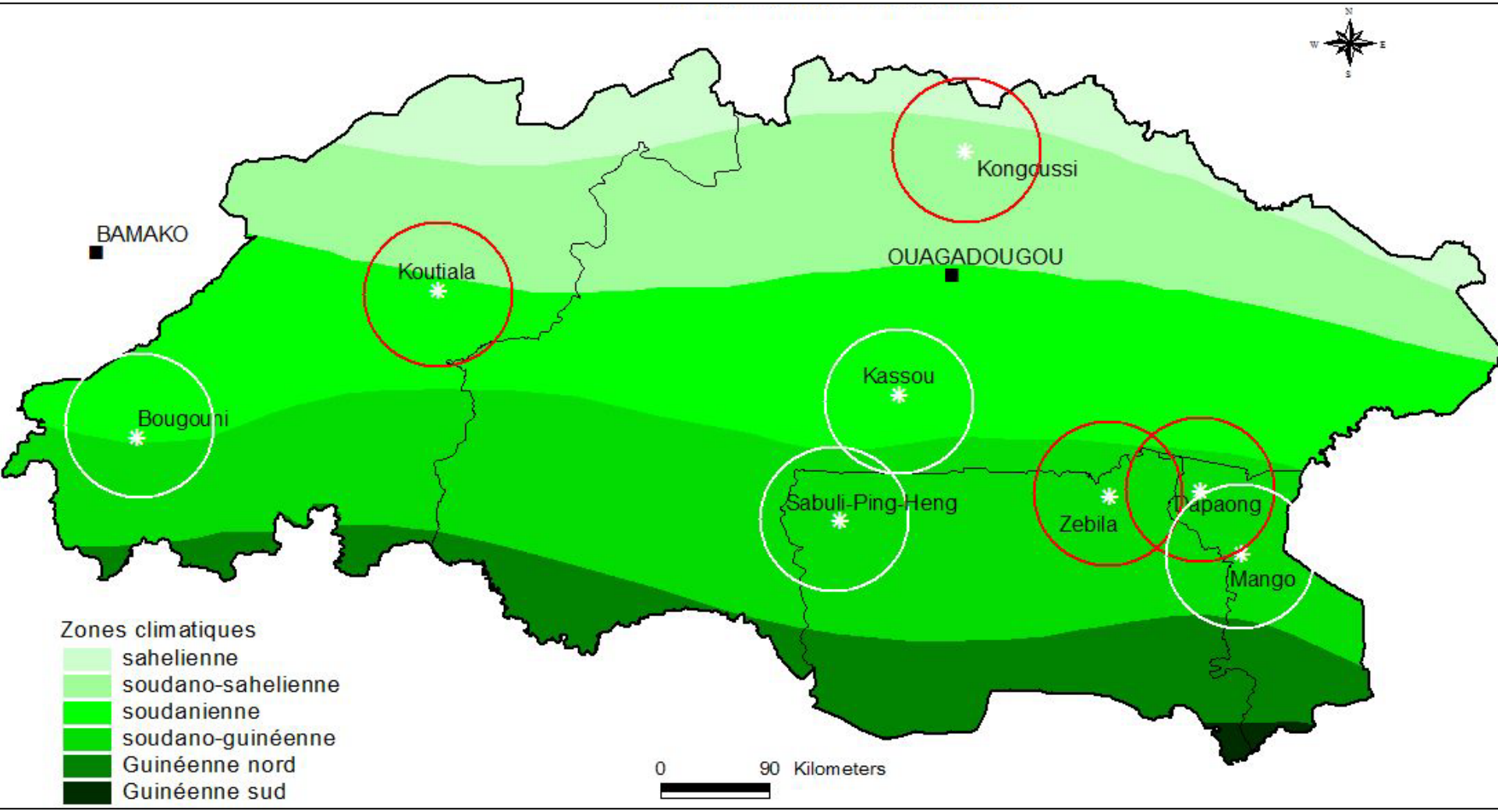
SITE SELECTION

- Gradient of change
  - Identification by country Work groups
  - Selection of several options for “cold” and “hot” spots
- Integration with partners
  - Presence of other partners
  - Potential access to data
- Integration within CRPs
  - Proximity to DS, WLE and CCAFS sites
  - Potential for co-location
- Other considerations
  - Political stability
  - Watershed and climate parameters
  - Accessibility

SITE SELECTION



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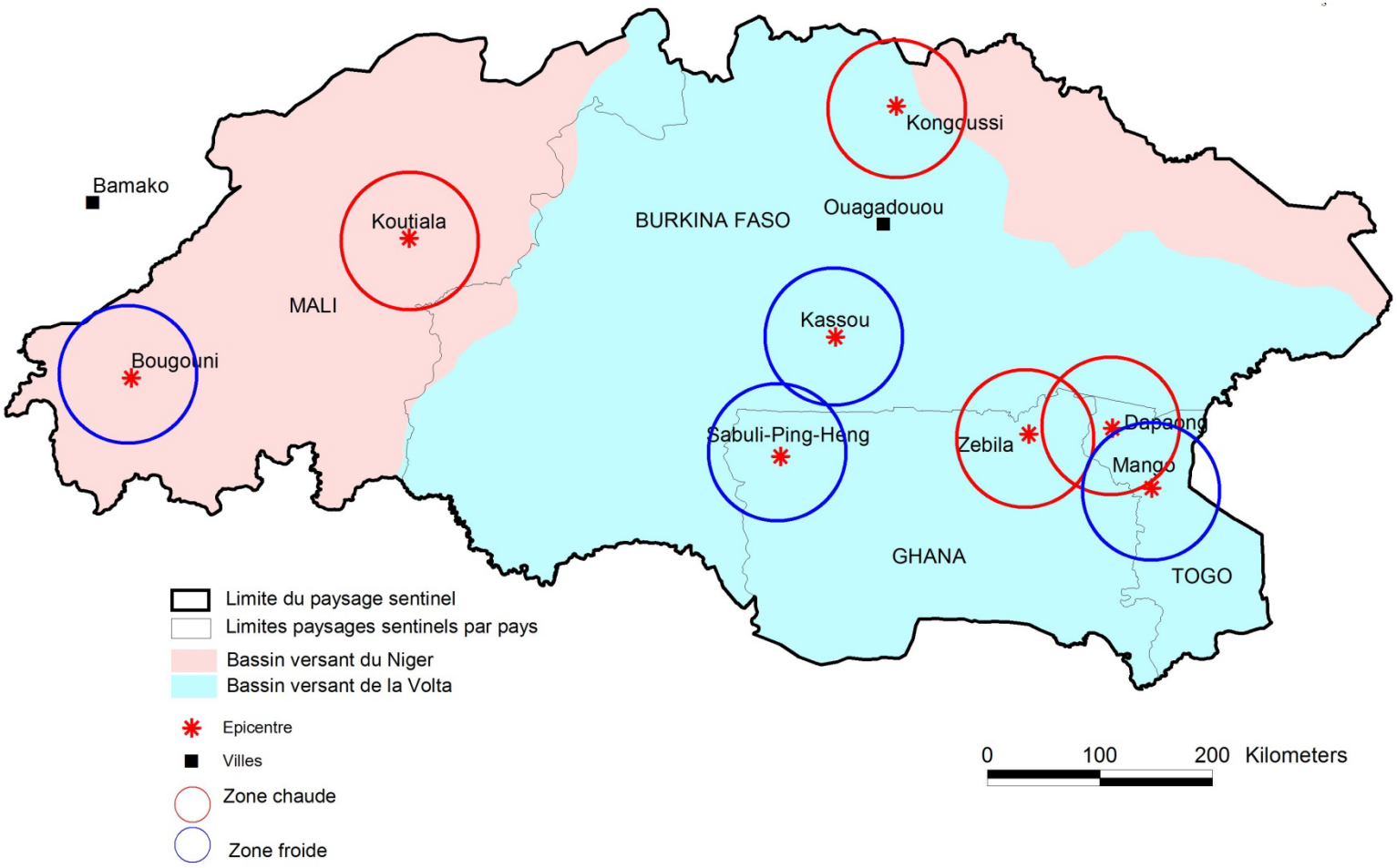
SITE SELECTION



Sources: BNDT 2003 et FAO

OUEDRAOGO Lucien, janvier 20013

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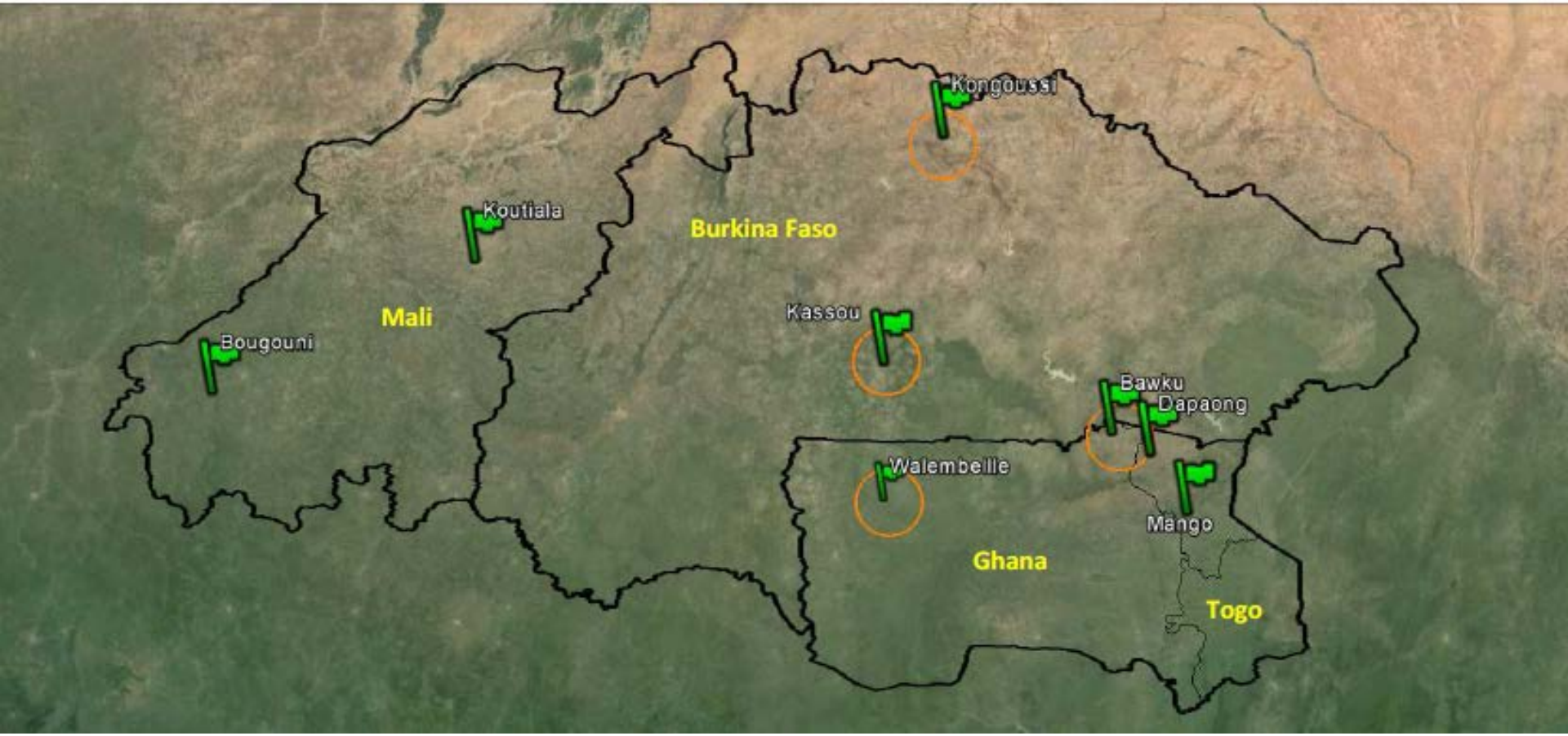
SITE SELECTION



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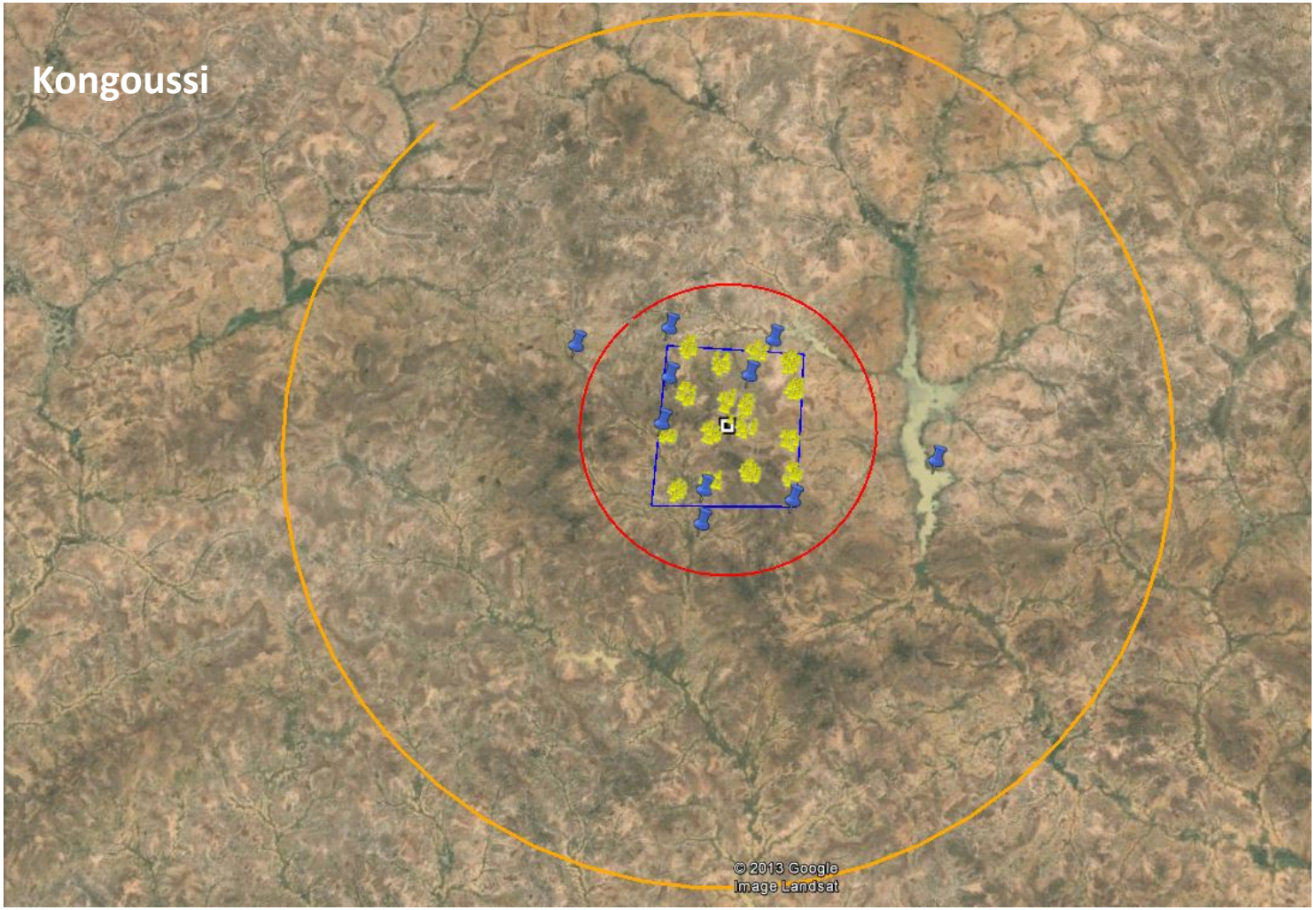
VILLAGE SELECTION

- Preselection
  - Randomised LDSF points from Tor
  - Alignment with sites selected by country teams
  - Identification of 10km and 30 km boundaries
  - Verification of village distribution

- Randomisation process
  - Listing of all villages within 30 km radius
  - Allocation of numbers and generate random numbers

- Validation
  - Reconnaissance trip
  - Application of criteria for for validation
  - Selection of final 10 villages per site

VILLAGE SELECTION



VILLAGE SELECTION

Kongoussi

No	Acronym	Countries	Region	Province	Department	Research locations in Burkina	X_COORD	Y_COORD
1	WASL	Burkina	Centre Nord	Bam	Kongoussi	Sam	-1,67672848	13,41103351
2	WASL	Burkina	Centre Nord	Bam	Kongoussi	Sakou	-1,65232725	13,34213200
3	WASL	Burkina	Centre Nord	Bam	Kongoussi	Rambo	-1,62632709	13,41342277
4	WASL	Burkina	Centre Nord	Bam	Kongoussi	Badinogo 2	-1,59727257	13,33699197
5	WASL	Burkina	Centre Nord	Bam	Kongoussi	Bogonam	-1,68009583	13,38212776
6	WASL	Burkina	Centre Nord	Bam	Kongoussi	Kouka	-1,61190335	13,43610479
7	WASL	Burkina	Centre Nord	Bam	Kongoussi	Nongsom	-1,67783699	13,44212484
8	WASL	Burkina	Centre Nord	Bam	Kongoussi	Temnaore	-1,73612692	13,42974518
9	WASL	Burkina	Centre Nord	Bam	Kongoussi	Loagha	-1,65330945	13,32150900
10	WASL	Burkina	Centre Nord	Bam	Kongoussi	Kongoussi -Bam village	-1,50885313	13,36325892

VILLAGE SELECTION

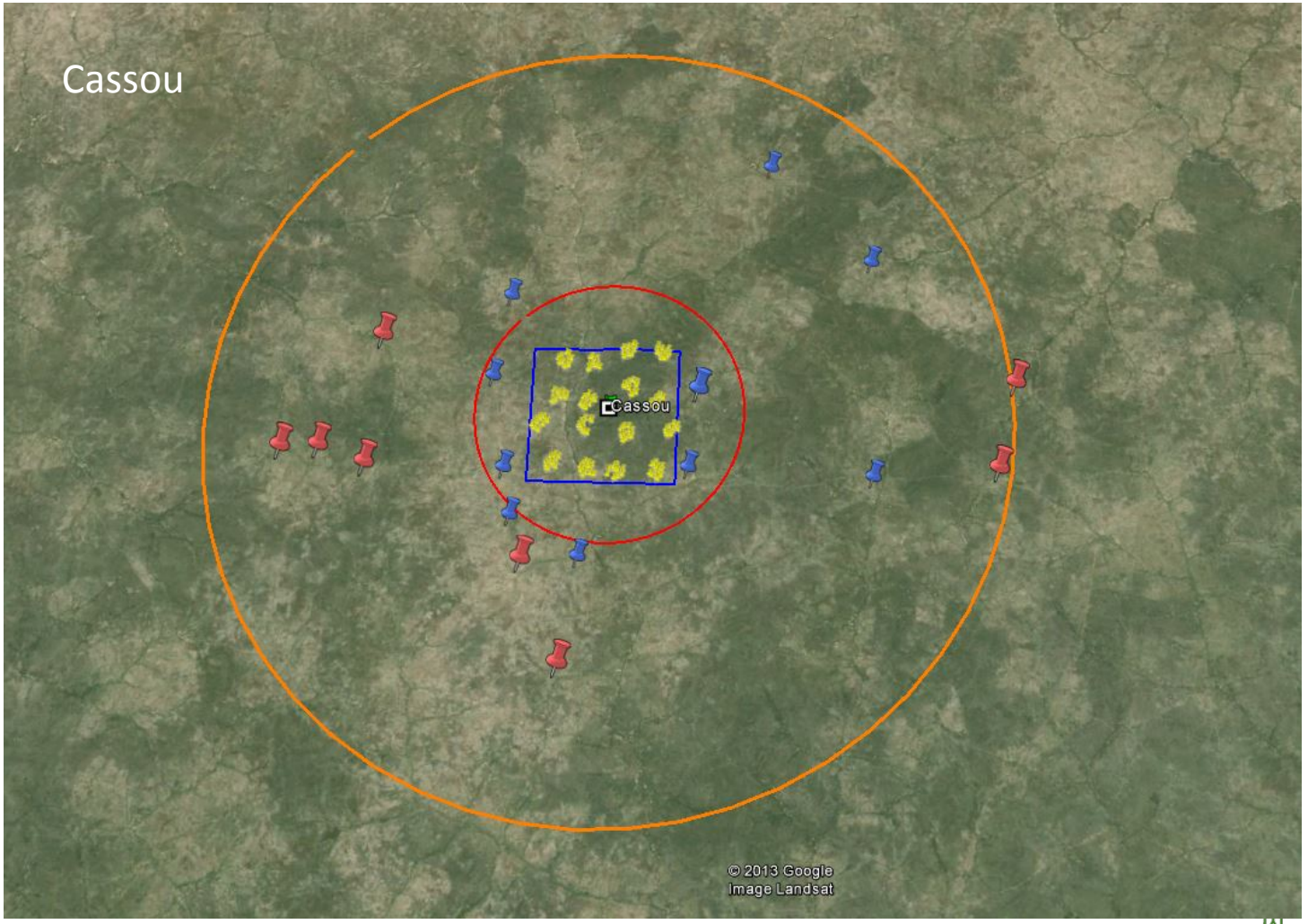
Kongoussi

- Low forest cover
- Scattered settlements
- Villages divided into « Quartiers » made of several compounds/concessions belonging to a big family group.
- Moose considered natives and Peuhls migrants
- Main crops: maize, millet, sorghum
- Trees are used for food and revenue (NTFPs), but also construction and furniture, as well as for water and soil conservation

VILLAGE SELECTION

Village	Demo 2006	Demo 2013	HH 2006	HH est. 2013	No. of compounds
Kouka	858	1062	137	151	57
Nongsom	0	0	0	100	15
Bogonam	2172	2689	348	100	15
Loaga	1789	2215	320	263	39
Sam	845	1046	120	133	60
Rambo Wattinoma	1158	1434	170	191	40
Sakou	1419	1757	229	320	64
Temnaoré	2606	3227	377	377	15
Badinogo 2	546	676	100	92	24
Bam village	3289	4073	622	444	17

VILLAGE SELECTION



VILLAGE SELECTION

Cassou

No.	Acronym	Countries	Region	Province	Department	Research locations in Burkina	X_COORD	Y_COORD
1	WASL	Burkina	Centre Ouest	Ziro	Cassou	Pro	-2,04426555	11,63348950
2	WASL	Burkina	Centre Ouest	Ziro	Cassou	Cassou	-2,04634426	11,58443827
3	WASL	Burkina	Centre Ouest	Ziro	Cassou	Gao	-2,18136239	11,64967052
4	WASL	Burkina	Centre Ouest	Ziro	Cassou	Tekourou	-2,16338731	11,55371206
5	WASL	Burkina	Centre Ouest	Ziro	Gao	Dao	-2,17270204	11,70802482
6	WASL	Burkina	Centre Ouest	Ziro	Cassou	Kassolo	-2,11648327	11,52667631
7	WASL	Burkina	Centre Ouest	Ziro	Cassou	Tiabona	-2,15813639	11,51624763
8	WASL	Burkina	Centre Ouest	Ziro	Bakata	Kou	-1,92189974	11,73647325
9	WASL	Burkina	Centre Ouest	Ziro	Cassou	Mao-Nassira	-2,16982948	11,58573856
10	WASL	Burkina	Centre Ouest	Ziro	Bougnounou	Bougnounou -Village	-1,98914364	11,80660707
11	WASL	Burkina	Centre Ouest	Ziro	Cassou	Lué	-1,84024232	11,58210031
12	WASL	Burkina	Centre Ouest	Ziro	Cassou	Lerou	-2,29972417	11,59068597
13	WASL	Burkina	Centre Ouest	Ziro	Cassou	Yinga	-2,26749994	11,57926890
14	WASL	Burkina	Centre Ouest	Ziro	Cassou	Pani	-2,32547748	11,58957344
15	WASL	Burkina	Centre Ouest	Ziro	Cassou	Passin	-2,26323615	11,66904579
16	WASL	Burkina	Centre Ouest	Ziro	Cassou	Lon	-2,12965418	11,44921152
17	WASL	Burkina	Centre Ouest	Ziro	Bakata	Diao	-1,81929091	11,64290481
18	WASL	Burkina	Centre Ouest	Ziro	Cassou	Vrassan	-1,92059677	11,58321074

VILLAGE SELECTION

Cassou

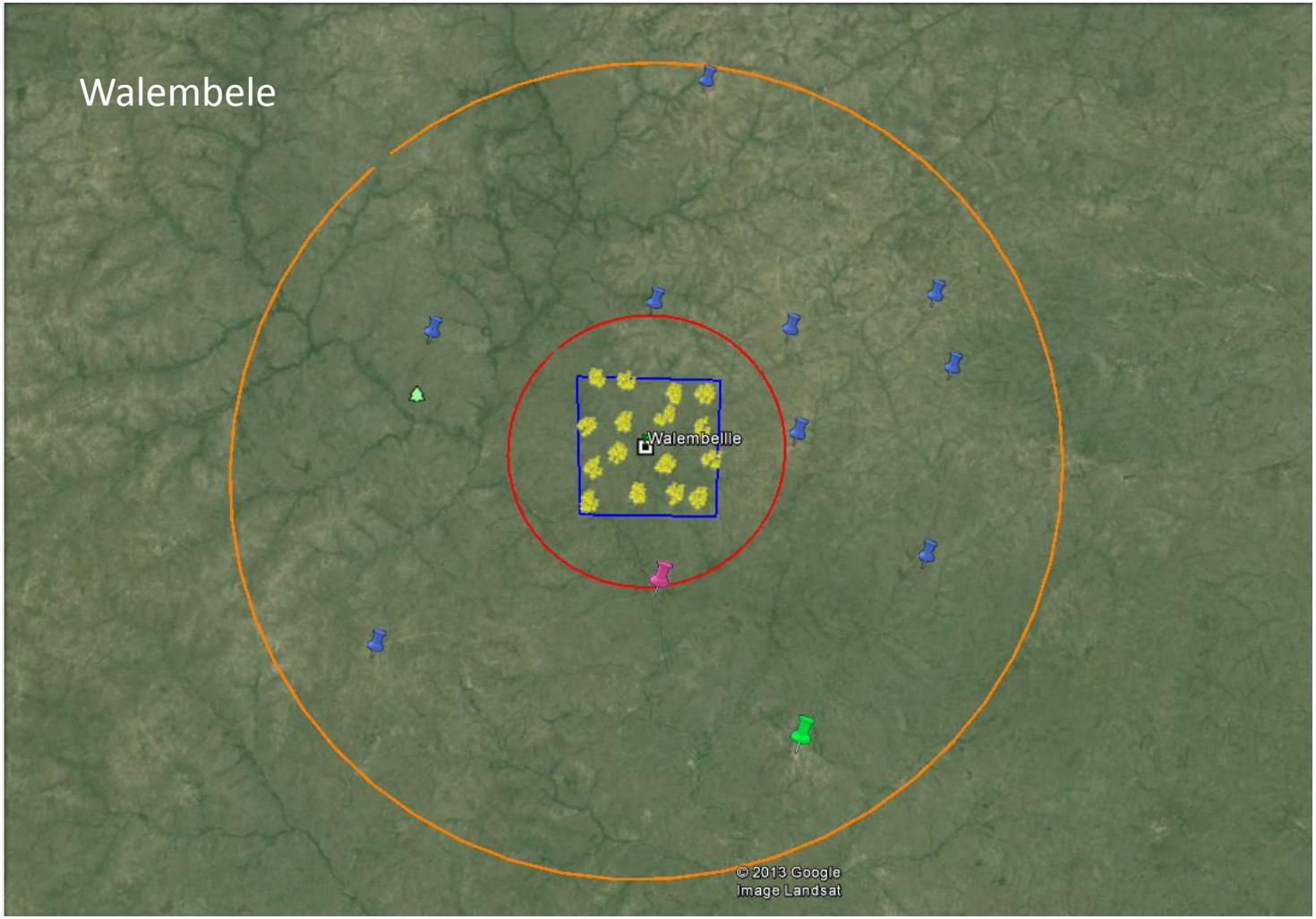
Village	Demo 2006	Demo 2013	HH 2006	HH est. 2013	No. of compounds
Pro	794	983	130	75	8
Bougnounou	4905	6074	689	1850	450
Kassolo-Tiabona	3125	3870	424	/	/
Dao	1982	2454	258	224	104
Cassou	3867	4788	662	999	57
Mao-Nassira	4617	5717	630	912	228
Tekourou	2439	3020	344	315	228
Vrassan	1011	1252	155	133	45
Gao	2389	2958	344	385	65
kou	1923	2381	269	1200	413

VILLAGE SELECTION

Cassou

- Relatively higher forest cover
- Clustered settlements
- Villages divided into « Quartiers » made of several compounds belonging to a big family group.
- Moose considered natives but other Moose's and Peuhls migrants. High inmigration
- Main crops: maize, millet, sorghum
- Trees are used for food and revenue (NTFPs), but also construction and furniture, as well as for water and soil conservation
- Fuelwood production major economic activity

VILLAGE SELECTION



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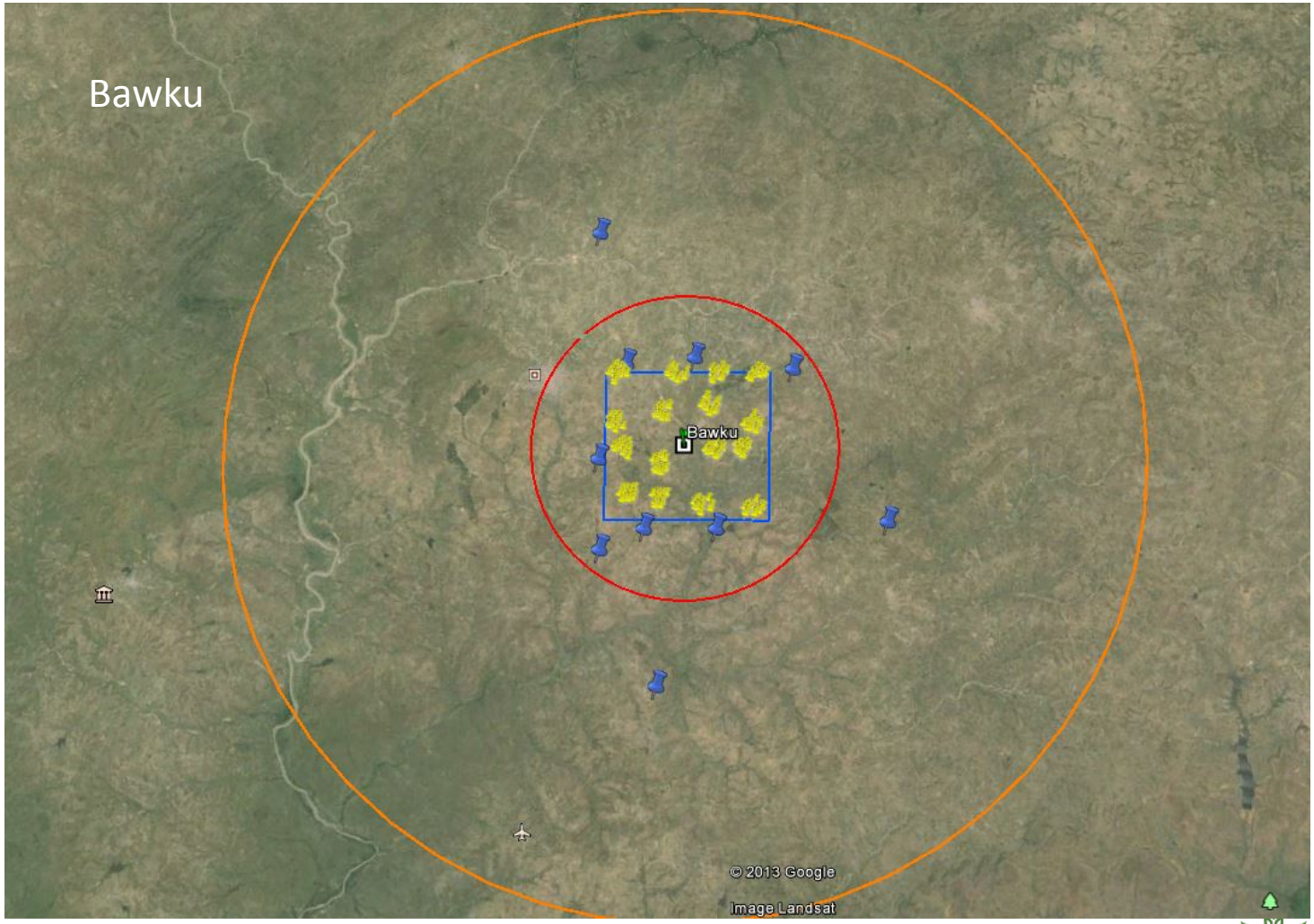

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BASELINE IMPLEMENTATION

Biophysical:

- Training
- LDSF implementation
  - Duration
  - Soil samples collected for Site 1
  - Site 2 being sampled
  - Sites 3 & 4 by May
  - Work in progress until May 2014

BASELINE IMPLEMENTATION

Socio Economic:

- Training
- Focus Group Discussions
  - Settlement form
  - Association form
  - Product form
  - Forest form
  - Stages of Poverty (Krishna et al. 2006)

- HH survey
  - Questionaires

BASELINE IMPLEMENTATION

Implementation Team 2013

Component	Resource Person	Role	Institutional Affiliation
Coordination	Michael Balinga	Facilitator	CIFOR WARO
	Zida Didier	Advisor	INERA
	Ernest Mensah Abraham	Advisor	UPS Accra
Village Socio Economic Surveys	Joachim Binam	Team leader	ICRAF WCA
	Rabdo Abdoulaye	Field Coordinator	CIFOR WARO
	Kentiga Jean Aime	Field enumerator	Consultant
	Birba Sibiri	Field enumerator	INERA
	Idrissa Sarang	Driver	CIFOR WARO
LDSF Survey	Jerome E. Tondoh	Team Leader	ICRAF WCA
	Oumar Doumbia	Field coordinator	
	Koura Paulin	Botanist	INERA
	Haidara Ahmed Moulaye	Technician / Driver	ICRAF WCA

TALKING POINTS

- Language:
  - data collection forms vs data entry
- Implementation of HH survey
  - Season: agricultural calendar
  - Size of randomised sample
  - Resource implications
  - Stratification by « Quartier + Concession » and random allocation of sample quotas.
  - Technology: GPS, tablets, dictaphones, etc.
- Integrating Gender
  - Village level: split groups? But double time
  - HH level: Sections with Qs to be answered by women only???

Population data & sampling

Cassou

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TALKING POINTS

- Lengthy tools
  - ⇨ Dwindling interest and dismissive answers
  - ⇨ Increased time and financial cost
- Defining Forests
  - ⇨ Which Forest (reserve / private / parklands)
  - ⇨ What boundary for different communities or interests (mining, agro – bussiness, conservation, migrant)
- Season
  - ⇨ Farming season
  - ⇨ Harvest time
  - ⇨ Rainy season

Difficult to mobilise respondents

TALKING POINTS

- Methods
  - ⇨ Village samples and numbers
  - ⇨ Increased time and financial cost for « new » methods
  - ⇨ Accuracy of translated tools
- Administration
  - ⇨ Procedures across institutions
- Technology
  - ⇨ Familiarity with digital tools (tablet + software)
  - ⇨ Security in the field

TALKING POINTS

- Changes to future initiatives
  - Institutional arrangements: one cost center; similar logistics procedures where possible (vehicle hire, etc.)
  - Training of all teams on methods prior to implementation
  - Data collection: shorter tools/increased resources, improved timing viz. Farming calendars
  - Sharing tools, resources and data with other projects to minimize costs on SL and avoid research fatigue
  - Others stemming from lessons learnt as we proceed

THANKS FOR YOUR ATTENTION

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