

Site assessment – Kiryandongo (Uganda): Ranch 18

Guidelines

Red lines are alerts flagging critical issues rendering the site unsuitable for development

Orange lines are alerts flagging that heavy mitigation activities will be required to enable the development of the site

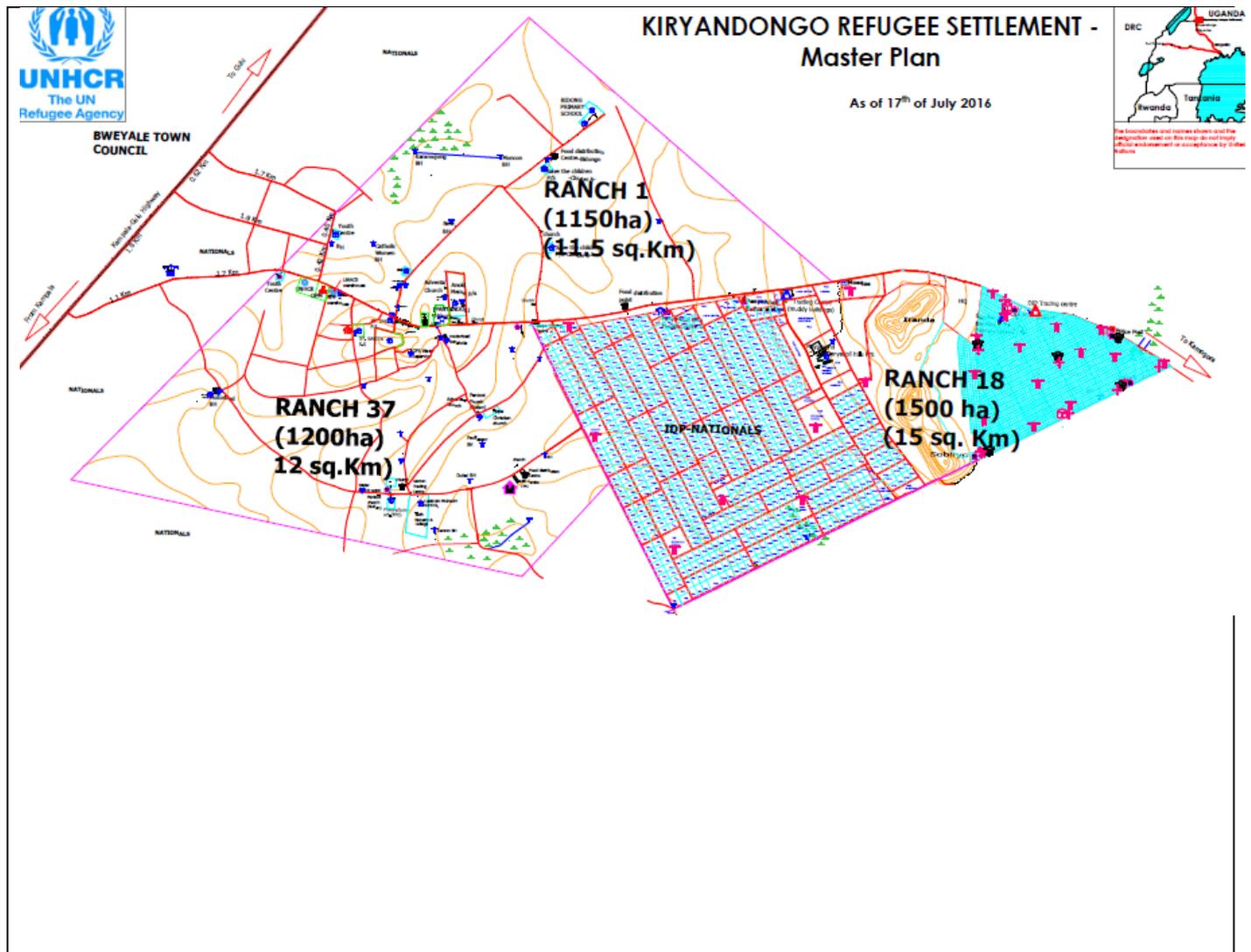
1 INFORMATION

1.1 Response / Operation:	Uganda (South Sudan emergency July 2016)
1.2 Government counterpart:	OPM
1.3 Assessment team:	OPM, UNHCR, WFP, UNICEF, UNFPA, DRC, IRC, RMF, PLAN, TPO, AIRD, IAU
1.4 Date:	23 July 2016
1.5 Prepared by:	John Alinaitwe (OPM), Salvator Ncahinyeretse, Jens Hessemann (UNHCR)

2 KEY PLANNING FIGURES

2.1 # of refugees / IDPs / Planning figures:	150,000 South Sudan refugees (overall 2016 contingency worst case scenario, over several sites)
2.2 Average No. of people per HH:	5

3 SITE MAP



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4 SITE LOCATION

4.1 Site name:	Ranch 18
4.2 GPS Coordinates:	1°94'06.44" N 32°23'29.27" E
4.3 Administrative division:	
4.4 District:	Kiryandongo
4.5 Province:	
4.6 Country:	Uganda
4.7 Site profile (Brief description of the site characteristics):	The site forms part of Kiryandongo refugee settlement, which already hosts of 50,000 refugees from South Sudan. This Government gazetted land recently added to the refugee settlement has two main areas: One area which is already occupied by former Ugandan IDPs, and another area which is foreseen for refugee settlement. The latter area, located some 12.2 km from Kiryandongo reception centre, is currently extensively used by Ugandan nationals for agriculture (maize, beans etc.) and cattle grazing. Several dwellings of Ugandan nationals are visible on the land, as well as a fence demarcating cattle grazing land. The land also includes a trading centre, a former agricultural training centre, and a church.
4.8 What is the Host community profile:	Ugandan rural communities
4.9 What is the PoC profile:	Refugees from South Sudan

5 PROTECTION

5.1 Is there any information about potential existence of land mines and UXOs within and/or near this site? <i>Please expand in the remarks point 15</i>	Yes ()	No (X)	Explain:
5.2 Is this site vulnerable to significant security risks? <i>Please expand in the remarks point 15</i>	Yes ()	No (X)	Explain:
5.3 What is the travel distance between the site and the refugees' country of origin? (preferably at least 50 Km of separation)	Less than 50Km ()	More than 50 Km (X)	
5.4 Are there military installations near by?	Yes () No (X)	Distance in Km:	
5.5 What protection considerations should be made?	Explain: To use the land for refugee settlement, it would first have to be vacated by Ugandan communities currently using the land. This would have to be carefully negotiated and managed with neighbouring host communities, as to preserve social cohesion between refugees and host communities. This process will take time.		

6 ACCESS TO EXISTING SERVICES AND INFRASTRUCTURE (MASTER PLAN PRINCIPLES CONSIDERATIONS)

6.1 What is the distance to major towns? Kiryandongo	<u>Town population:</u> 31,610 (2014) <u>Travel distance in Km:</u>	<u>Core services available:</u> Civil admin. (X) Banking (X) Post (X) Markets (X)
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	35 km	Other () Which:	
6.2 What is the proximity to functioning Health facilities?	Travel distance is more than 7Km	Travel distance in Km:	Type of Facility:
	Yes (X) No ()	10 km	Health Centre 2 Capacity:
6.3 What is the proximity to functioning primary Education facilities?	Travel distance is more than 2 Km	Travel distance in Km:	Type of Facility:
	Yes (X) No ()	14 km	Primary school Capacity:
6.4 What is the proximity to functioning secondary Education facilities?	Travel distance is more than 7Km	Travel distance in Km:	Type of Facility:
	Yes (X) No ()	10 - 14 km	Secondary school; vocational training centre Capacity:
6.5 What is the proximity to functioning Markets and commercial centres?	Travel distance is more than 7Km	Travel distance in Km:	Type of Facility:
	Yes () No (X)	Inside settlement area	Trading centre Capacity:
6.6 What evidence exists of income generating activities in the local area?	Explain: Agriculture (maize, beans etc.); small trading; livestock		
6.7 What is the distance to the nearest police point?	Distance in Km: 5	Type: Police station	
6.8 Is the proposed site near to a public transport route?	Yes (X) No ()	Type: Taxis along main access road	
6.9 What is the distance to national power grid?	Distance in Km: 35 km		
6.10 Does the location favour physical integration between the host and displaced population? How?	Explain: Yes, the host population lives in close proximity and opportunities for trading will arise, as well as shared use of service facilities.		
6.11 What is the potential positive impact in host population if the settlement was developed in this site?	Explain: Investment in health centres, schools, WASH and road infrastructure; employment opportunities; increased economic activity.		
6.12 What local infrastructure could be developed to also service the new settlement?	Explain: Health centres, schools, road improvements.		

7 ACCESSIBILITY

7.1 Is access compromised for the provision of humanitarian life-saving assistance all year round? <i>Please expand in the remarks point 15</i>	Yes ()	No (X)	Explain: The current road infrastructure is not passable during rains, especially for heavy trucks. Road repairs will have to be undertaken.
7.2 Is the site accessible by road?	Yes (X)	No ()	
7.3 What is the surface type of the road? e.g. paved, dirt, tarmac, etc.	Murram, tracks.		
7.4 Is the road type considered "all weather"?	Yes (X)	No (X)	(some roads not all weather)
7.5 Any other access related issues?			

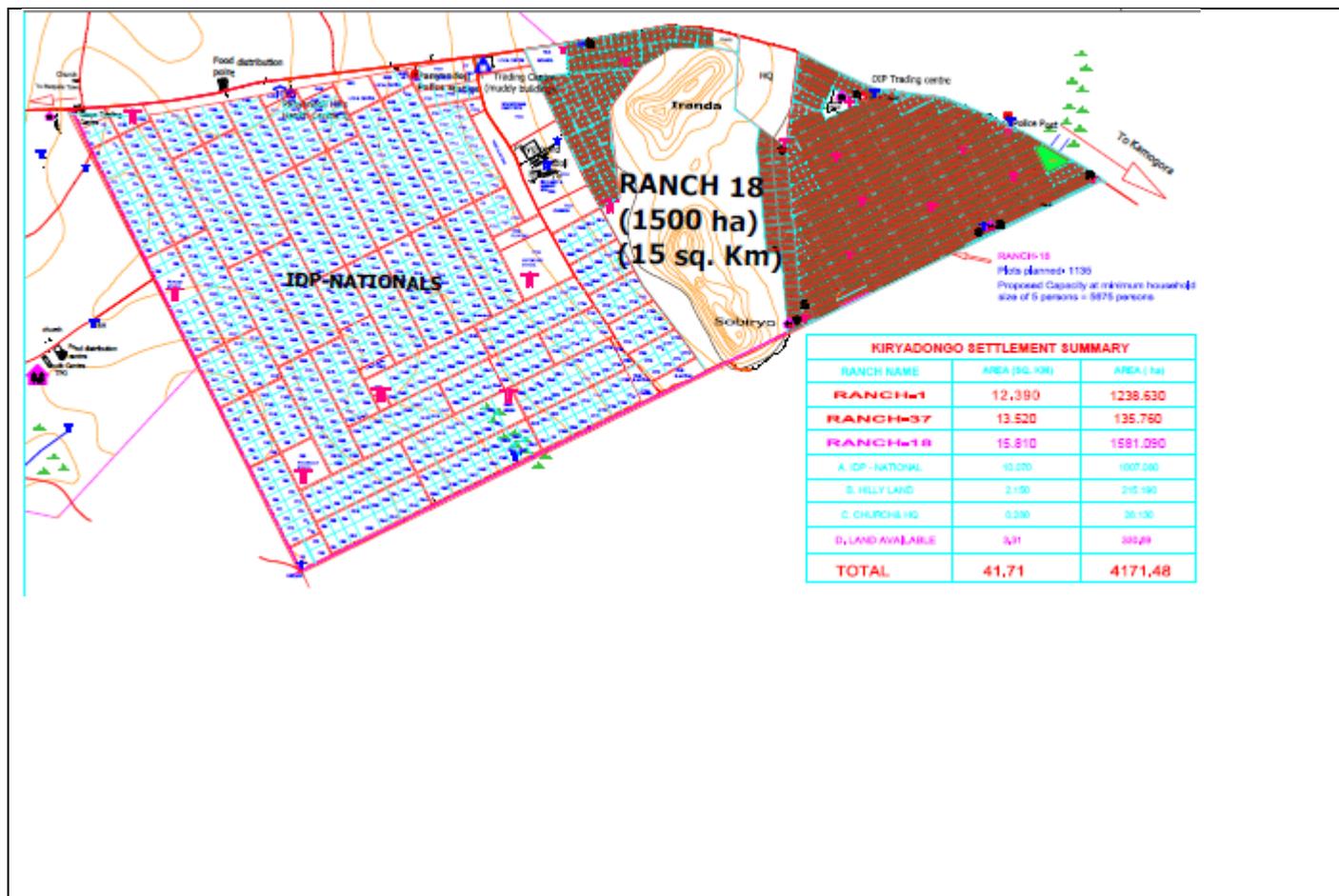
8 SITE CAPACITY

8.1 Site surface area? (Ha / m2) <i>Indicate in sketch section 10</i>	15.81 square kilometres
8.2 Potentially usable land area? (Ha / m2) <i>Indicate in sketch section 10</i>	3.31 square kilometres (after deduction of areas hosting former IDPs, the hills, and church area)
8.3 What is the capacity of the site based on Uganda non-camp settlement standards? (50x50 metre plots)	1,135 plots (5,675 individuals)

9 TOPOGRAPHY AND DRAINAGE

9.1 What is the slope percentage?	Flat 0% -2% ()	Steep 6% -10% ()	Severe > 10% ()	Ideal 2% - 4% ()	Moderate 4% - 6% (X)
9.2 What is the soil condition?	Sand ()	Rock ()	Clay ()	Silt (X)	Gravel ()
9.3 Is the soil type "black cotton" soil?	Yes ()	No (X)	Any other type:		
9.4 Are soils permeable?	Yes (X)	No ()	Explain:		
9.5 Are soils collapsible?	Yes ()	No (X)	Explain:		
9.6 What is the site elevation above sea level:	Elevation in meters: 650 -721 metres				
9.7 What are the drainage patterns? <i>Indicate in sketch section 10</i>					
9.8 Any other physical feature?	Rocky hills				

10 SITE SKETCH



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11 WATER SOURCE AND ENVIRONMENTAL SANITATION

11.1 Is access to sustainable and sufficient water source(s) compromised? Please expand in the remarks point 15	Yes ()	No (X)	Explain:
11.2 Is there an existing water provision system? (Boreholes, Open stream, Protected stream, River, other)	<u>Surface water</u> River () Lake () National pipeline ()		<u>Ground water</u> Borehole (X) Spring ()
11.3 Is water available year round?	Yes (X)	No ()	Indicate the source of information:
11.4 What is the distance to nearest water source? (if boreholes indicate the depth)	Borehole on site		Indicate the source of information:
11.5 What is the water table depth?	Less than 3 m below the ground level ()		More than 3 m below the ground level (X)
Indicate depth:			
11.6 Are hydro-geological and/or geophysical investigations available?	Yes ()	No (X)	Please attach

12 CLIMATIC CONDITIONS, ENVIROMENT, PUBLIC HEALTH AND NATURAL HAZARDS

12.1 Does historical data indicates that the area is prone to floodings? Please expand in the remarks point 15	Yes ()	No (X)	Source of information: Meteorological data () Anecdotic () Flood risk analysis () Other ()
12.2 Is there a rainy season?	Yes (X)	No ()	Indicate the months of the year:
12.3 What is the average rainfall per season? (mm)	Season: Rainfall in mm:		
Does it snow?	Yes ()	No (X)	Months of the year:
12.4 What are the maximum and minimum temperatures year round?	Max temperatures: 30 degree celcius	Min. temperatures: 20 degree celcius	Months of the year:
12.5 Are there strong seasonal winds?	Average wind speed in mph: Months of the year:		
12.6 What is the existing type of vegetation? <i>Indicate in sketch section 10</i>	Explain: Agricultural crops, savannah grass, sporadic small and medium size trees		
12.7 What level of vegetation clearance will be required to enable construction (avoid indiscriminate bulldozing) <i>Indicate in sketch section 10</i>	Explain: Some, especially for access roads inside settlement and service/common facilities. On household plots, refugees will clear themselves (trees are not to be cut).		
12.8 What is the distance from protected areas (e.g national parks, reserve forest)	Distance in Km:	Type:	
12.9 Is there evidence of any major environmental health hazard? (e.g. malaria, cholera, industrial pollution)	Yes () Malaria	No ()	Explain:
12.10 Is there evidence risk for landslides?	Yes ()	No (X)	

12.11 Is the area prone to any other identified natural hazard?	Yes ()	No (X)
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13 LAND USE AND LAND RIGHTS

13.1 Who owns the land?	Government gazetted land			
13.2 What is the current land use?	Agriculture, cattle herding			
13.3 Are there crops in this site?	Yes			
13.4 Do opportunities exist for settlement population to:	Access fire wood (X)	Access construction materials (X)	Graze animals (X)	Subsistence agriculture (X)

14 SUMMARY OF ASSESSED RED LINES AND ORANGE LINES

Red lines are alerts flagging absence of critical elements to enable the development of the site		
Is there any information about potential existence of land mines and UXOs within and/or near this site? <i>(From point 5.1)</i>	Yes ()	No (X)
Is this site vulnerable to significant security risks? <i>(From point 5.2)</i>	Yes ()	No (X)
7.1 Is access compromised for the provision of humanitarian life-saving assistance all year round? <i>(From point 7.1)</i>	Yes ()	No (X)
11.1 Is access to sustainable and sufficient water source(s) compromised? <i>(From point 11.1)</i>	Yes ()	No (X)
12.1 Does historical data indicates that the area is prone to floodings? <i>(From point 12.1)</i>	Yes ()	No (X)
Orange lines are alerts flagging that heavy mitigation activities will be required to enable the development of the site		
Is the travel distance between the proposed site and the refugees' country of origin less than 50Km? <i>(From point 5.3)</i>	Yes ()	No (X)
Is the travel distance between the proposed site and existing health facilities greater than 7 Km? <i>(From point 6.2)</i>	Yes (X)	No ()
Is the travel distance between the proposed site and existing primary education facilities greater than 2 Km? <i>(From point 6.3)</i>	Yes (X)	No ()
Is the travel distance between the proposed site and existing secondary education facilities greater than 7 Km? <i>(From point 6.4)</i>	Yes (X)	No ()
Is the travel distance between the proposed site and existing markets and commercial centres greater than 7 Km? <i>(From point 6.5)</i>	Yes ()	No (X)
Is the percentage of the slope indicating a flat (0%-2%), steep (6%-8%) or severe topography (> 10%) <i>(From point 9.1)</i>	Yes ()	No (X) with the exception of hills, which have been excluded
Is the soil assessed indicating sand or rock soil type? <i>(From point 9.2)</i>	Yes ()	No (X)

Is the soil assessed “black cotton” soil type (From point 9.3)	Yes ()	No (X)
Is the water table less than 3 meters below the ground level? (From point 11.5)	Yes ()	No (X)

15 CONCLUSIONS AND RECOMMENDATIONS

Is this site suitable?	Yes () No (X) (not for current immediate emergency response use, since departure of Ugandan nationals from the site first has to be negotiated, while maintaining peaceful coexistence between refugees and hosting communities)
<p>Remarks:</p> <p>Technically, the site is well suited as a refugee settlement. However, the assessment team found extensive land use by Ugandan nationals, and the release of the land first has to be negotiated in a way which will promote peaceful coexistence between Ugandan host communities and refugees. This negotiation process will take time, possibly months.</p> <p>At the time of this site assessment, it is estimated that Kiryandongo settlement areas Ranches 1 and 37 can receive another 5,000 individuals. At the current arrival rate, this could fill up as fast as within two weeks. With Ranch 18 likely not available within this short timeframe, alternative settlement options for refugees arriving in Kiryandongo need to be developed (possibly Kyangwali settlement).</p> <p>In terms of response providers in Kiryandongo settlement, it was recommended to strengthen existing services. Additional agencies should only come in if and when Ranch 18 will be opened. Ranch 18 has a potentially well suited site for a reception centre.</p> <p>WASH</p> <ul style="list-style-type: none"> - Hydrological survey required; - 3 - 5 additional boreholes; <p>Protection</p> <ul style="list-style-type: none"> - Police posts to be deployed - Since schools are all in longer distance, it will be important to establish feeder schools in the settlement area as to prevent incidents - 1 child friendly space is located in 7 km distance – new CFSs to be established on site - Good presence of GBV actors in Kiryandongo settlement - Info desk for refugees to be established <p>Health</p> <ul style="list-style-type: none"> - Closest HC II is affected by limited supplies - The district hospital is located in 17 km distance - HIV sensitisation in Kiryandongo settlement is a gap <p>Food security</p> <ul style="list-style-type: none"> - Need to improve primary road network as to allow food distribution trucks to reach all settlement areas throughout the year; - 1,050 metric tons storage available in Kiryandongo settlement (sufficient) - The settlement already has market activity and displays a good potential for agriculture, as visible with the existing crops. The land is therefore well suited for the Uganda non-camp settlement approach, and to supplement food security. - A small storage and kitchen area for hot meals will be required in the proposed reception centre area. 	

Education

- 1 primary, 1 secondary school in some distance, as well as a nursery and a vocational training centre
- Feeder schools to be established on site

SKETCH EXAMPLE

