

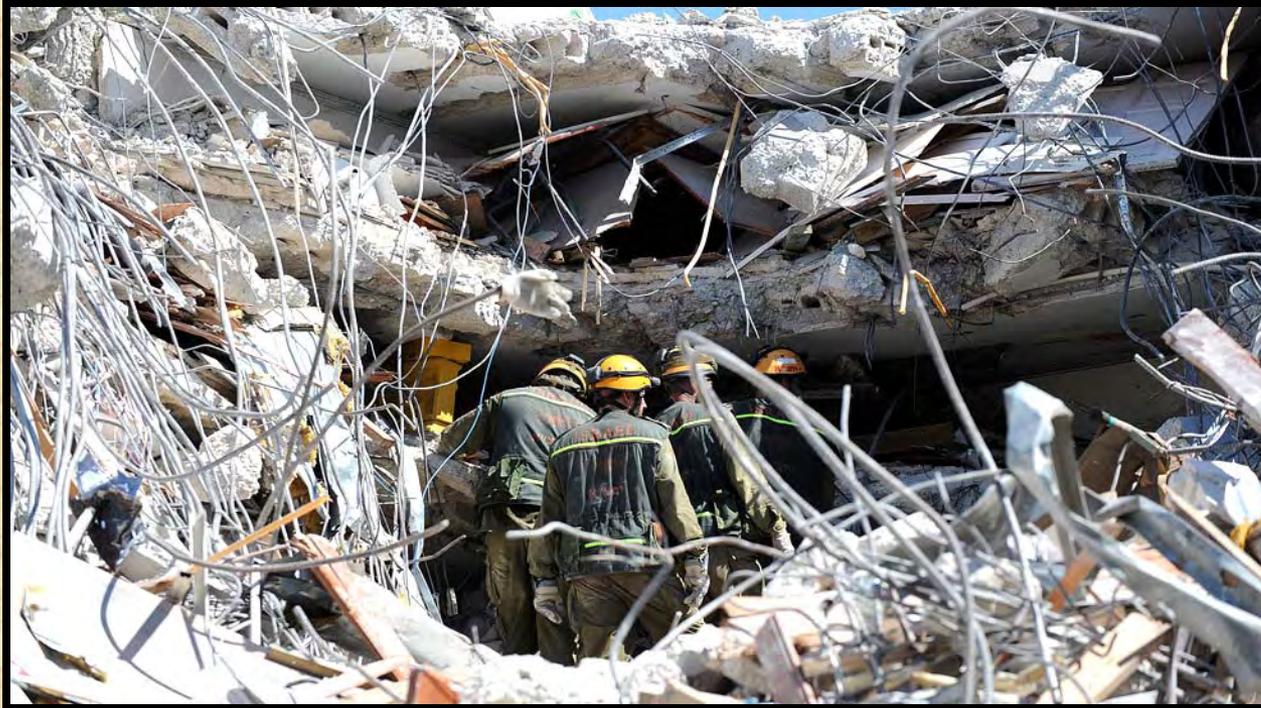
# **HAITI POST-EARTHQUAKE SHELTER AND SETTLEMENTS SECTOR DISCUSSION**

**Co-hosted by USAID/OFDA and  
Interaction, 8 April 2010**

# CONTEXT, CONTEXT, CONTEXT

- Poorest country in the hemisphere, about 149 of 182 countries listed in the UN's Human Development Index, just below PNG
- 80% unemployed or underemployed
- 60% below the poverty line, making less than \$2/day per capita
- In PAP, 70% of population doesn't officially exist
- In PAP slums, 11 sq. m. for 6 people
- Limited institutional capacities, and
- High vulnerability to flooding, landslides, hurricanes, and, yes, earthquakes.

# Rubble and Garbage Everywhere



# How Much Rubble?

From WP, 3-7-10

Washington Monument  
555 ft.

727 ft.

620 ft.

1.4 miles

U.S. Capitol

If Port-au-Prince's estimated 78 million cubic yards of rubble were placed on the Mall, the pile would rise 727 feet.

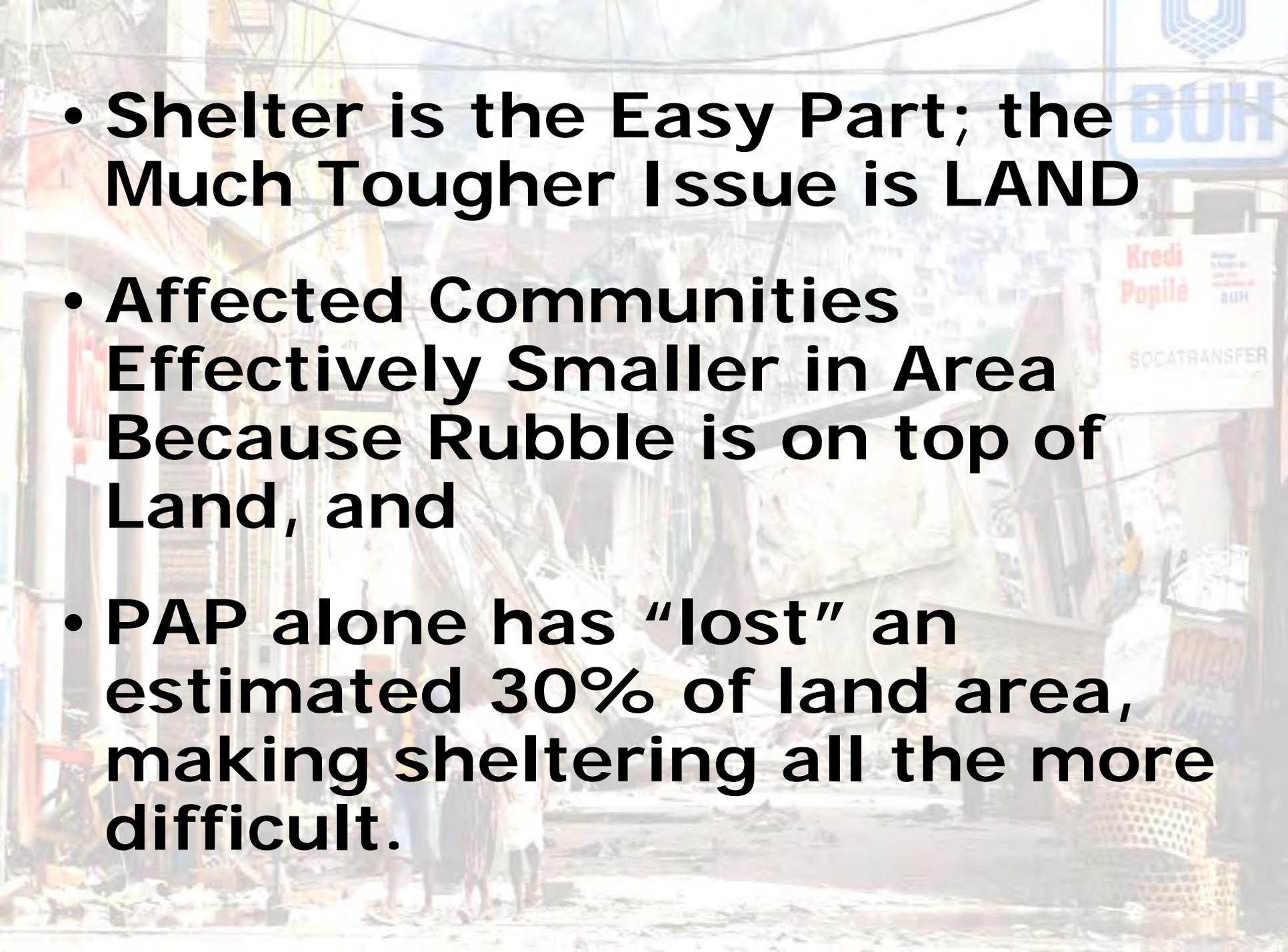
Note: Upper-range estimate shown

IMAGE SOURCE: Google Earth

GENE THORP/THE WASHINGTON POST

**1,000 Truckloads a Day for  
1,000 Days – Minimum!**



- 
- **Shelter is the Easy Part; the Much Tougher Issue is LAND**
  - **Affected Communities Effectively Smaller in Area Because Rubble is on top of Land, and**
  - **PAP alone has “lost” an estimated 30% of land area, making sheltering all the more difficult.**

# BedSheet City, Carrefour



# BedSheet City, Leogane



# Self-Recovery, Leogane



**Whattaya  
See?**

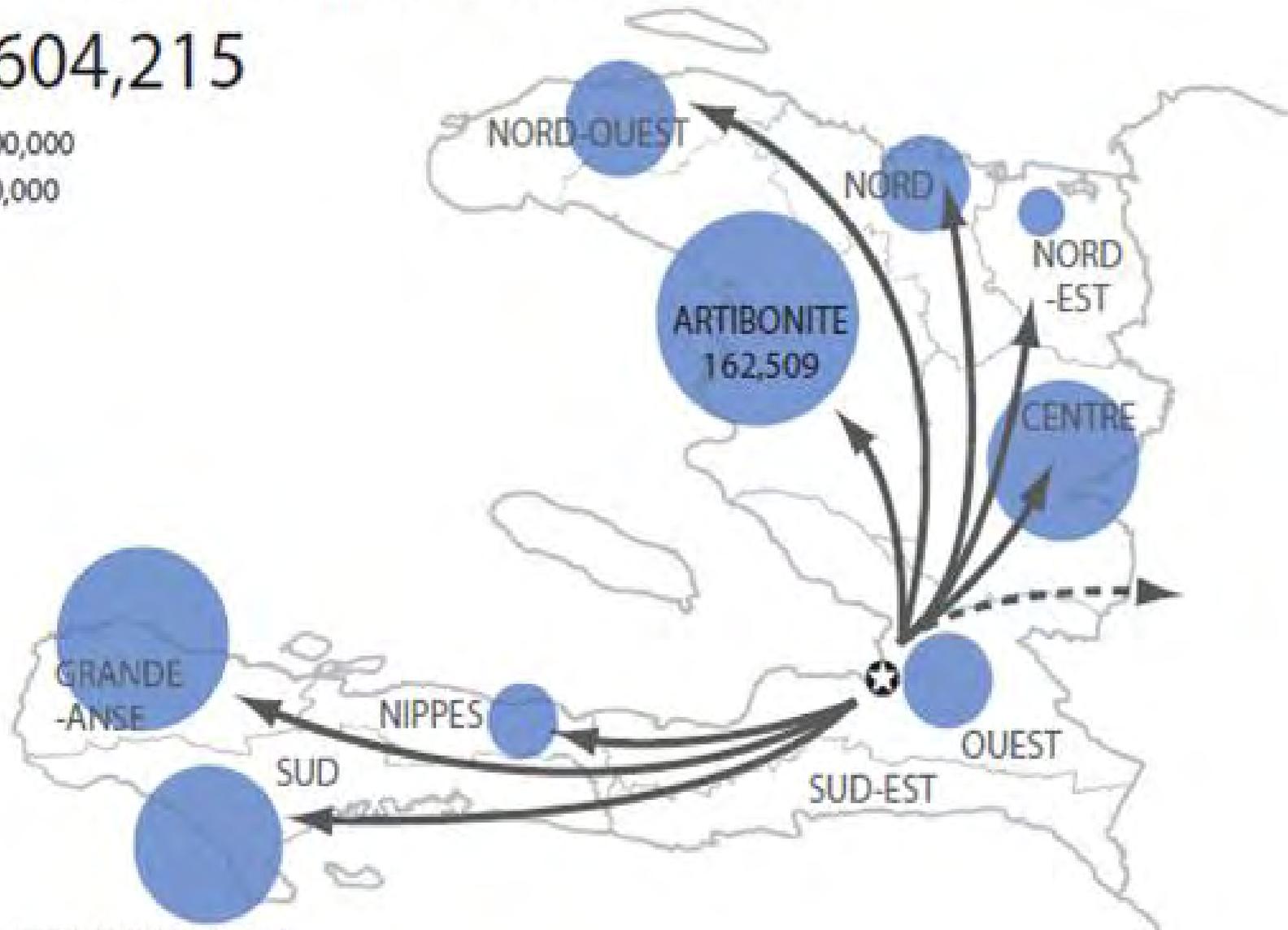




**Whattaya  
See?**

# Displacement of people to non-affected/safer areas

## Total: 604,215



Source: SNGRD. Bilan des dégâts #15. 28 Feb 2010.

Map Sources: CNIGS, UNCS.

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.

[www.reliefweb.int/haiti](http://www.reliefweb.int/haiti) <http://ochaonline.un.org> <http://haiti.oneresponse.info> Send comments to: [ocha.haiti.im@gmail.com](mailto:ocha.haiti.im@gmail.com)

# Leaving Town, or?



# **BASIC EMERGENCY SHELTER PROVISION, AS OF 6 APRIL**

- **260,298 HHs in need of shelter**
- **233,518 HHs “covered” = 90%**
- **Distributions in progress to 30,520 HHs**
- **Likely just achieved 100% “coverage” (probably earlier, due to unreported distributions)**
- **Discrepancies in numbers, as Shelter Cluster also reports total in need is now 300,250 HHs**

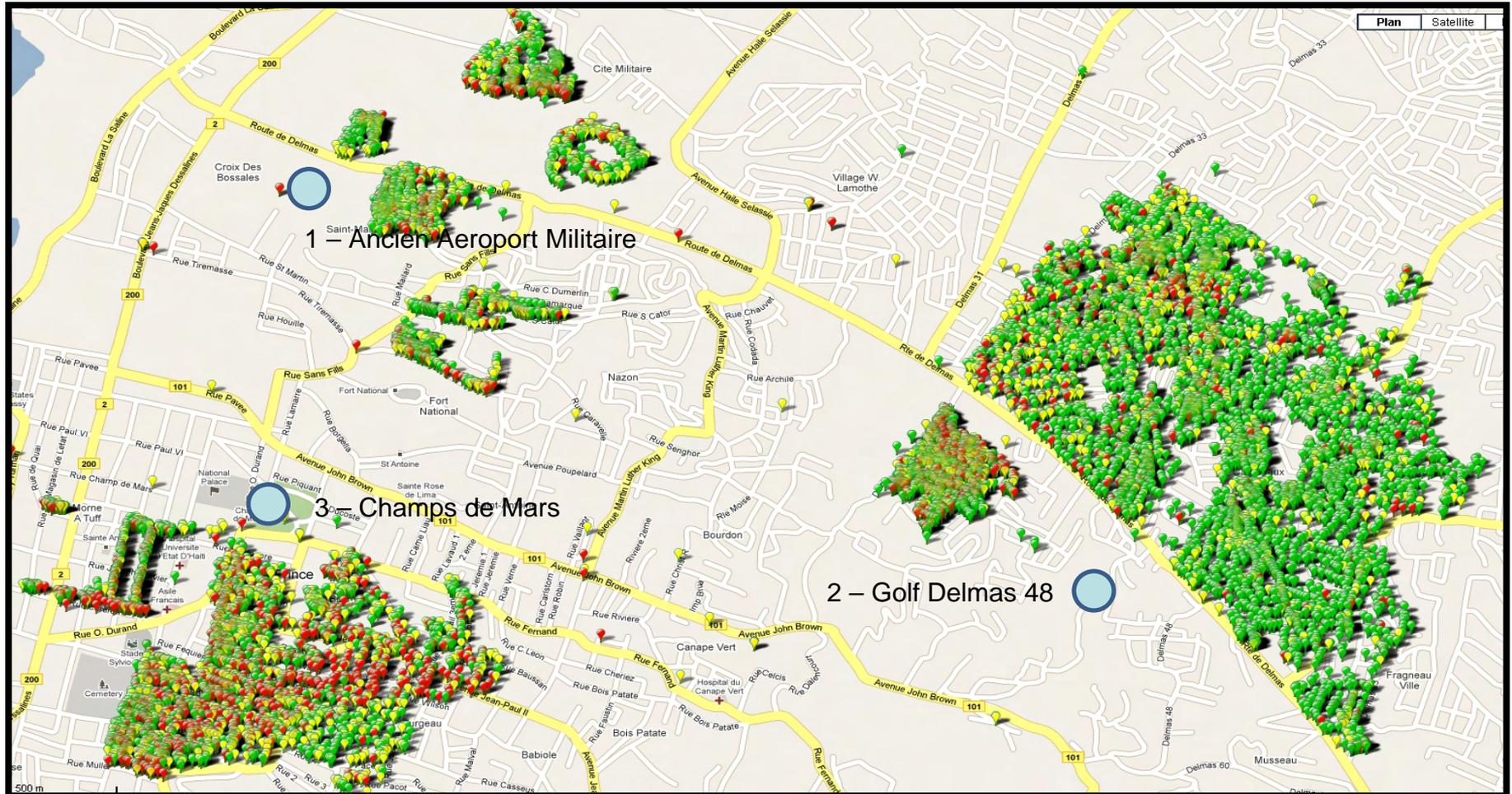
# Shelter/NFI Cluster Options

- Return to safe shelter
- Return to safe, cleared plot
- Stay with host family
- Stay in proximity site with host community, and
- Relocate to planned sites

***These have been options since at least  
10 February!***

# Return to Safe Shelters

- 10,189 structures evaluated to date – 5,645 “green” (55%)
- Revisiting Turgeau to determine how many are returning to “green” houses; promote return to “green” houses



# **TRANSITIONAL SHELTER, as of 5 April**

- **Total Planned : 123,176**
- **Total Funded: 82,697**
- **Funded by USAID/OFDA: 42,000**
- **Total Built to Date: 150**

# What to Provide?

**Shelters for displaced people**  
Agencies aim for 3.5 sq m per person

Target living space per person: 3.5 sq m

Average space of a single bed: 1.71 sq m

Most Haiti shelters are even smaller than these international standards

# Where to Provide?

- “Debris” is with us for years
- Debris also the best land use management tool in hemisphere at present: where you don’t clear, you don’t build
- Current clearance efforts focused on flood risk reduction
- Neighborhood-based focus preferred; will require creative “S&S” work, like land sharing on GoH and institutional lands, and two-story T-shelters

# LARGER ISSUE: HOW TO GET FROM THIS...



**TO THIS,  
a rural village center, or...**



# TO THIS, a Reconstructed Urban Center??



**But first, how do we work our way out of the rubble pile?**



# Next Steps...

- GoH reconstruction plan assumes removal of 1.2 million people from PAP, based on view that city is “too big”. Who decides this?
- “Building Back Better” is catch phrase, but not only DRR-based; also efficiency, effectiveness, equity
- GoH plan is aspirational, perhaps even inspirational, but not operational, and
- Need for “emergency master planning” and “emergency community planning”

# Next Steps...

- Past experience with both HA and DA suggests that population in PAP and other cities will increase, not decrease. Some evidence of this in PAP already, so we need to think big
- DRR-based “safe shelters on safe sites” approach will likely entail some relocation. “How many?” is being assessed
- This can be achieved in PAP and other affected communities, and is being discussed with GoH
- For now, implementing S&S program and assessing 576 of 891 emergency group shelters in affected area to prepare for hurricane season.

# What Are Your Next Steps?

