







The Great Migration Game: What and Why

Project Goal: Build local knowledge and support for sea turtles in the Caribbean centered around innovative, fun, yet informative online map interactions.

Particular focus on Bonaire's nature education 'gap audience'teenagers.



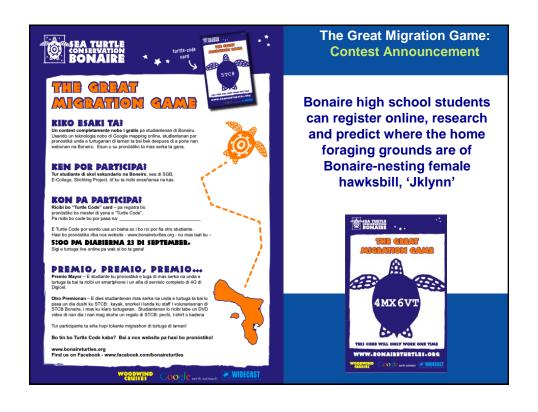
"I am playing outside, Mom — look at the graphics."

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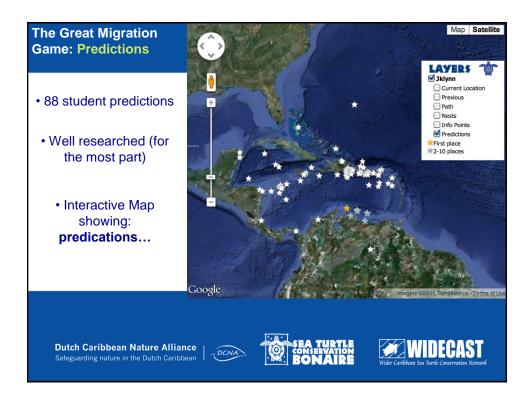
The Great Migration Game: Research Turtles Tracked in 2007 Turtles Tracked in 2007 Davina The second turtle to be tracked in 2007 was Dawina, a female and only the second green turtle to be tracked from Bonaire (the first was STINAPA in 2004). Derwina left Bonaire south to Venezusela's coast, then headed onth through Las Aves Archipelago, but then incredibly she cambe back to nest again on August 6th at the same beach she was found ruly 25th. Perhaps she didn't realize she still had a rest to list Vihat is even more interesting is after larging the August 8th nest, Dawina took off in the opposite direction all the way to the Vucatan Peninsula, Mexico. Darwina traveled a remarkable 2,503 tolenders on her journey. Darwina's signal had not stabilized when it stopped transmitting so perhaps she wasn't quite at her foraging grounds, but even so, this is the farrhest a Bonaire turtle has ever been tracked! Eloise Sponsored by and named after the granddaughter of Queen Beatrix, Eloise, a female hawkeblia was fit with a transmitter on 18th of July 2500 While nesting on Klein Bonaire. Eloise laid a total of five nests on Klein Bonaire before departing Bonaire waters for her home foraging grounds of Ablatross Bank, Jamaica. Her travel speed vas at times every fast, surpassing 100 kilometers in a single day. Eloise passed through and forages every lose halialm waters, where she is at risk of being legally harvested.

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WIDECAST

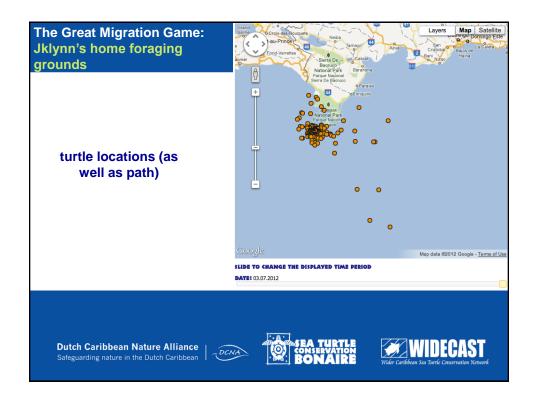


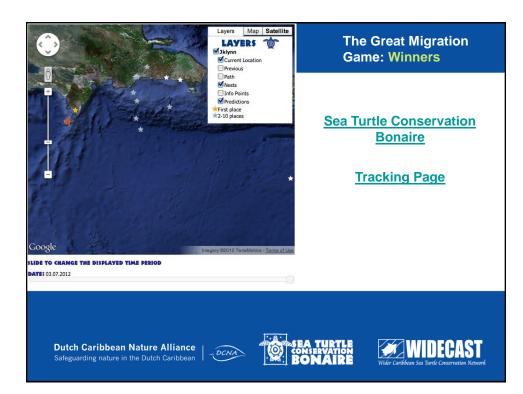














The Great Migration Game: Take Aways

- International and local interest on website increased significantly
 - "Simple", "fun", "competition" are key to engagement
- Sustainability of technical aspects

	Country/Territory	Visits	% Visits
1.	United States	1,408	32.09%
2.	Netherlands Antilles	873	19.90%
3.	Netherlands	554	12.63%
4.	United Kingdom	202	4.60%
5.	Canada	129	2.94%
6.	Germany	84	1.91%
7.	Aruba	71	1.62%
8.	Italy	69	1.57%
9.	France	61	1.39%
10.	Australia	47	1.07%

Unique visitors to website tracking page December - January

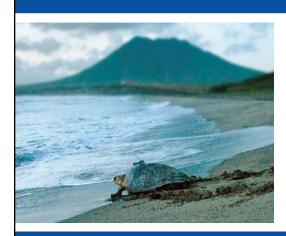
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Great Migration Game: Next Steps



- Other data presentation
- Expansion of GMG to other audiences, other countries?

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Thank You!



- Google Earth Outreach Funder
- WIDECAST Grant administrator and support
- Woodwind Snorkel Tours Funding some of the prizes
- OJINGO Labs and RJ van Oosten for technical development

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Great Migration Game: Links



 $\textbf{Backdoor-} \underline{\textbf{http://greatmigrationgame.appspot.com/edit}}$ $Student\ Registration\ \underline{http://greatmigrationgame.appspot.com/}$ ${\color{blue} Output - \underline{http://greatmigrationgame.appspot.com/predictions}?}$ All users - http://greatmigrationgame.appspot.com/api/users Predictions - Http://greatmigrationgame.appspot.com/api/result KML - http://greatmigrationgame.appspot.com/kml

Turtle Data Maps

Backend - http://greatmigrationgame.appspot.com/admin

Frontend - http://greatmigrationgame.appspot.com/tabs

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