

## Project title : BLUEMANG - Mangrove deforestation analysis in North-West Madagascar

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Madagascar	15 700 €	Consultant	Blue Ventures Conservation	December 2017 - August 2018

### Project's goals and results

#### Main goals

The bays of Ampasindava, Tsimipaika and Ambaro in northwest Madagascar contain the country's largest mangrove ecosystem, which is also currently experiencing the most dramatic deforestation nationwide. Blue Ventures is partnering with local stakeholders to lower deforestation and certify a mangrove carbon project in Tsimipaika Bay under the VCS standard. A key part of the project development is to establish a 'without-project' deforestation scenario. Nitidæ is in charge of this specific task.

#### Specific objectives

Establishing a 'without-project' deforestation scenario, following scientifically robust methods that comply with the requirements of the VCS standard.

#### Beneficiaries

Blue Ventures Conservation

#### Results

Submission to Blue Ventures of the reports explaining the methodologies & R scripts used and maps produced.

#### Activities

**A1.** Remote sensing analysis of historical deforestation of mangroves from 2000-2014.

**A2.** Development of a model for deforestation rate from population density for 2015-2050.

**A3.** Development of a model for the location of future deforestation using spatial explicative factors for the period 2015-2050.