FACET vs VHR
Road monitoring Tele

1

Tele

2

Tele

3

Tele

4

Tele

Location

Buta

RN4

DRC

Rubi-Tele Reserve

Tele

Kole
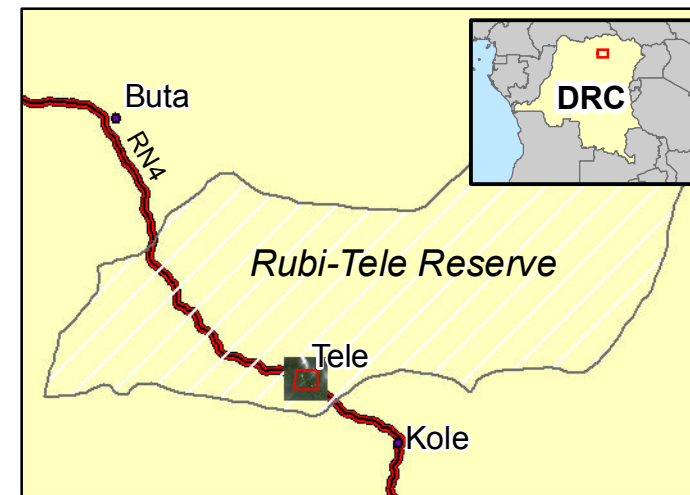
Local projection: UTM Zone 32 , Datum: WGS 84
Geographic projection: Lat/Lon (DMS), Datum: WGS 84

0 0,1 0,2 0,3 0,4
Kilometers
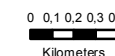
Scale 1:35.000 for A3 prints

Data sources

<u>Satellite data</u>
date: 27/04/2010
copyright: Geo-Eye
resolution: 4 m

<u>Other data</u>
FACET - © OSFAC
Map analysis - © EUROSENSE

Description

This map was produced by the G-MOSAIC Critical Assets monitoring Service (CTA). The CTA service is monitoring the rehabilitation of the road 'RN4' in DRC, from Kisangani up to Bondo and Bunduki.

The Rubi-Tele reserve is one of the hotspots along the RN4 for which VHR Geo-Eye imagery was acquired. A semi-automatic classification is executed on the VHR scene in eCognition v8.0 (part 1). The classification is compared with the FACET (Forest monitoring of Central Africa using remotely sensed data sets) classification. This forest cover and loss map was produced in the FACET project lead by OSFAC (part 2).
To be able to compare, the VHR object-oriented classification was transformed into a pixel classification using the same raster as the FACET data (part 3), and all forest cover loss classes in the FACET classification were merged (part 4). The vector product is delivered to the end-user (OSFAC).

Legend

VHR Classification

Water		Bare soil
Primary forest		Built-up area
Secondary forest		Road
Grassland		Cloud

FACET

Water	Primary humid tropical forests
Secondary humid tropical forests	Non-forested area

Disclaimer

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