



Public Participation Risks & Opportunities from ICT

Tom Streater, IAIA 2015, 20th April



Overview



Overview

Rapid global increase of ICT access

Opposition Risks from ICT:

Case study: Belo Monte Hydropower project (NON MM)

ESIA Opportunities from ICT:

Case study: Multi-Purpose Dam Project (MM PROJECT)

Concluding comments

Rapid global increase of ICT access



“The mobile phone is the leading communication device in the Sub-Saharan consumer market.”

(Ericsson 2013)

Rapid global increase of ICT access



- 70% of African mobile phone users access the internet via their phones
- Use of social networks to:
 - send messages to friends - 62%
 - Uploading photos and videos – 46%
 - stream content online - 15%

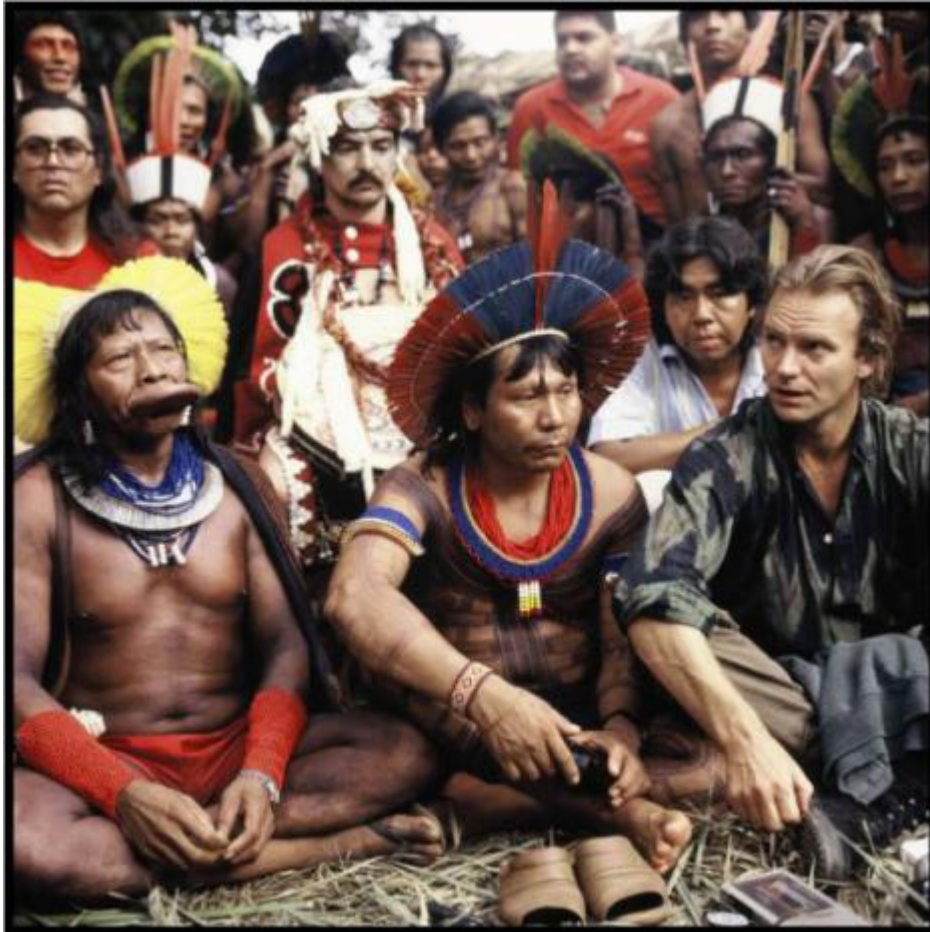
Opposition Risks from ICT:

Lessons from Belo Monte Hydropower Project (MM NOT INVOLVED)



Opposition Risks from ICT:

Lessons from Belo Monte Hydropower Project (MM NOT INVOLVED)



Amazon Watch (108,634
facebook followers)

‘Support Chief Raoni’ (54,496
followers)

Opposition Risks from ICT:

Lessons from Belo Monte Hydropower Project (MM NOT INVOLVED)



‘STOP BELO MONTE – NO MEGA-DAM IN THE AMAZON’ petition

- 800,000 signatories

Opposition Risks from ICT:

Lessons from Belo Monte Hydropower Project (MM NOT INVOLVED)



'Belo Monte' official - 19,015 followers



'Usina Belo Monte' official - 4,162 followers

ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa



ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa



ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa



ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa



= ESIA information
disclosure tool

ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa

“Traditionally, pen and paper have been used to collect data in the field and for monitoring and evaluation of projects in rural areas.

However, this approach is time consuming and susceptible to human error that may affect productivity and accuracy.

Information and communication technologies are now being used widely with remarkable positive results to perform these task”

Cespedes, 2013, in The Guardian Newspaper

ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa

UserForm1

Intro | B1 | B2 | C1 | C2 | D1 | D2 | D3 | E1 | E2 | E3 | E4 | F1 | F2 | G1 | G2 | G3 | H & I | Submit Data

Start Time: 13:26:33 Date: 17/04/2015 Interview Number: 12

GPS Coordinate N: W:

Name of the Region

Name of the Village

Code of the Community

Upstream/Downstream of Dam?

Name of the interviewer

Code of the interviewer

How many households within compound?

Name of head of household (at that time) who is interviewed

1
2
3
4
5
6
7

Next

13:27 17/04/2015

ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa



ESIA Opportunities from ICT:

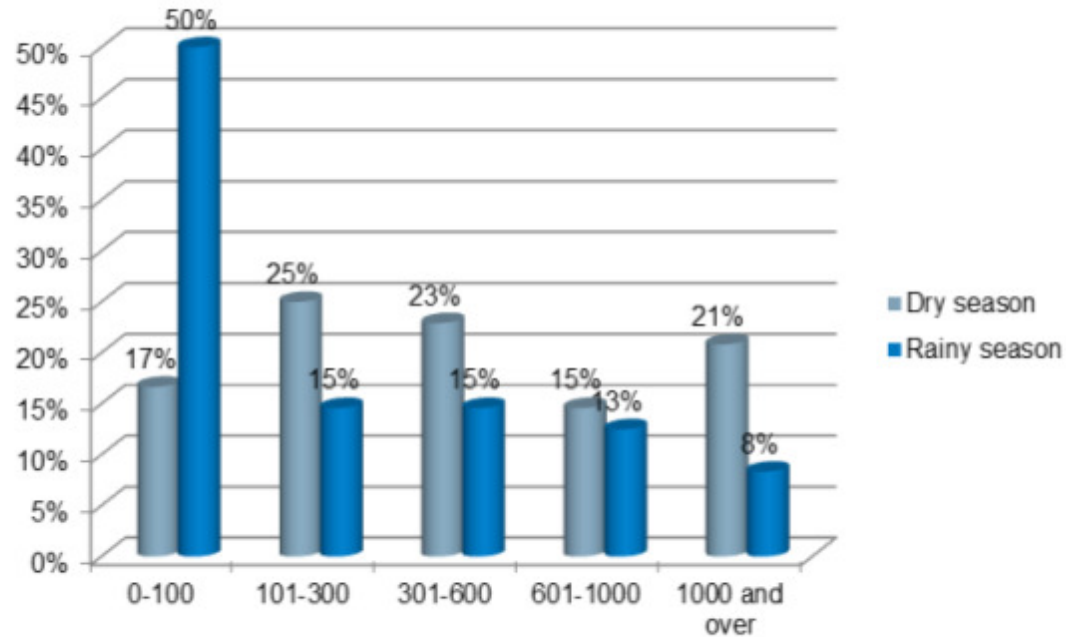
ESIA for Multi-Purpose Dam in West Africa



ESIA Opportunities from ICT:

ESIA for Multi-Purpose Dam in West Africa

Figure 1.5: Monthly income per season



Source: Household socioeconomic survey, November 2014

Summary and concluding comments

Rise of ICT = risks of project opposition

ICT = new ESIA opportunities to

- disclose / collect information
- proactively engage with stakeholders

***Understanding risks / opportunities of ICT is critical
for managing public participation in IA***

Thank you for listening
Let's discuss...

Tom Streater, Social Sustainability Team Leader

Tom.Streater@mottmac.com

+44 (0)1273 365133





Mott MacDonald

www.mottmac.com

