

BIOFUELS IN GHANA



**Dead
Or
Alive?**



Introduction: ACP Biofuel Case Studies

Biofuels Putting Together the Green Jigsaw

- **Aim**

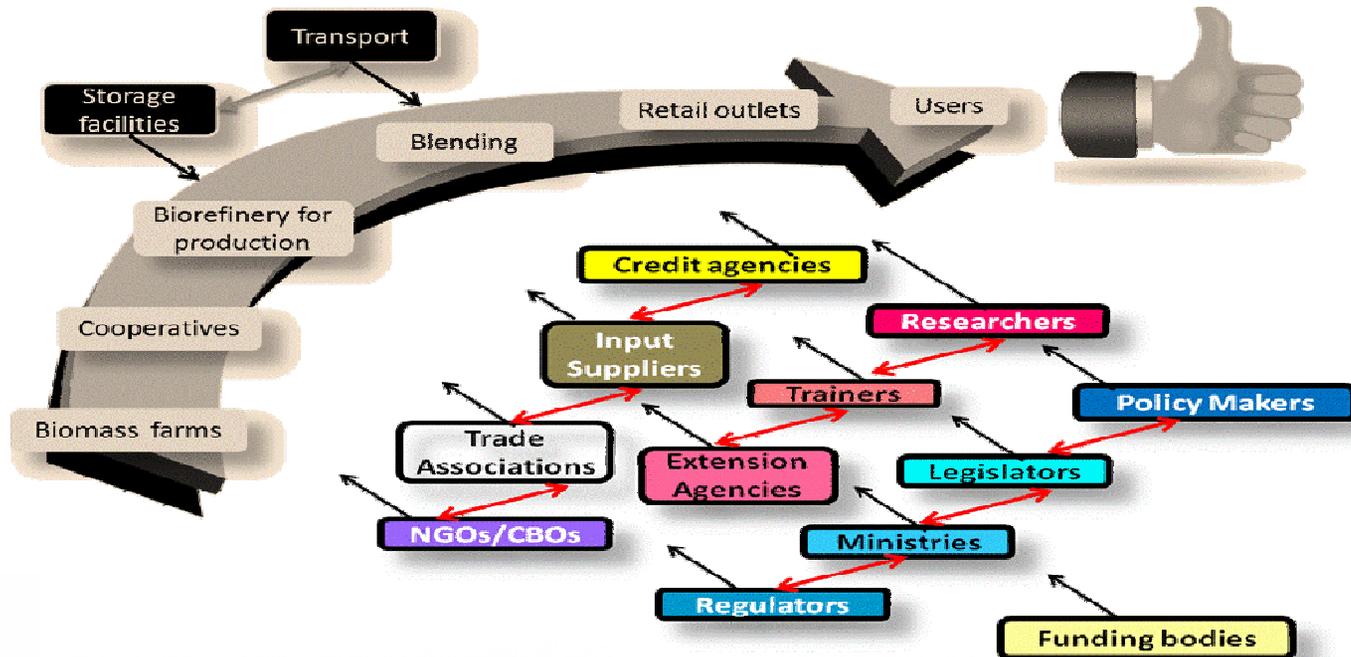
Supporting or adopting biofuel technologies or the biofuel supply chain in order to assess:

- Impact on jobs, women in society, wealth creation
- Impact on agricultural practice
- Contribution of stakeholders



Introduction continues

- Interrogation methods
- Identification of Stakeholders



- Data and reporting

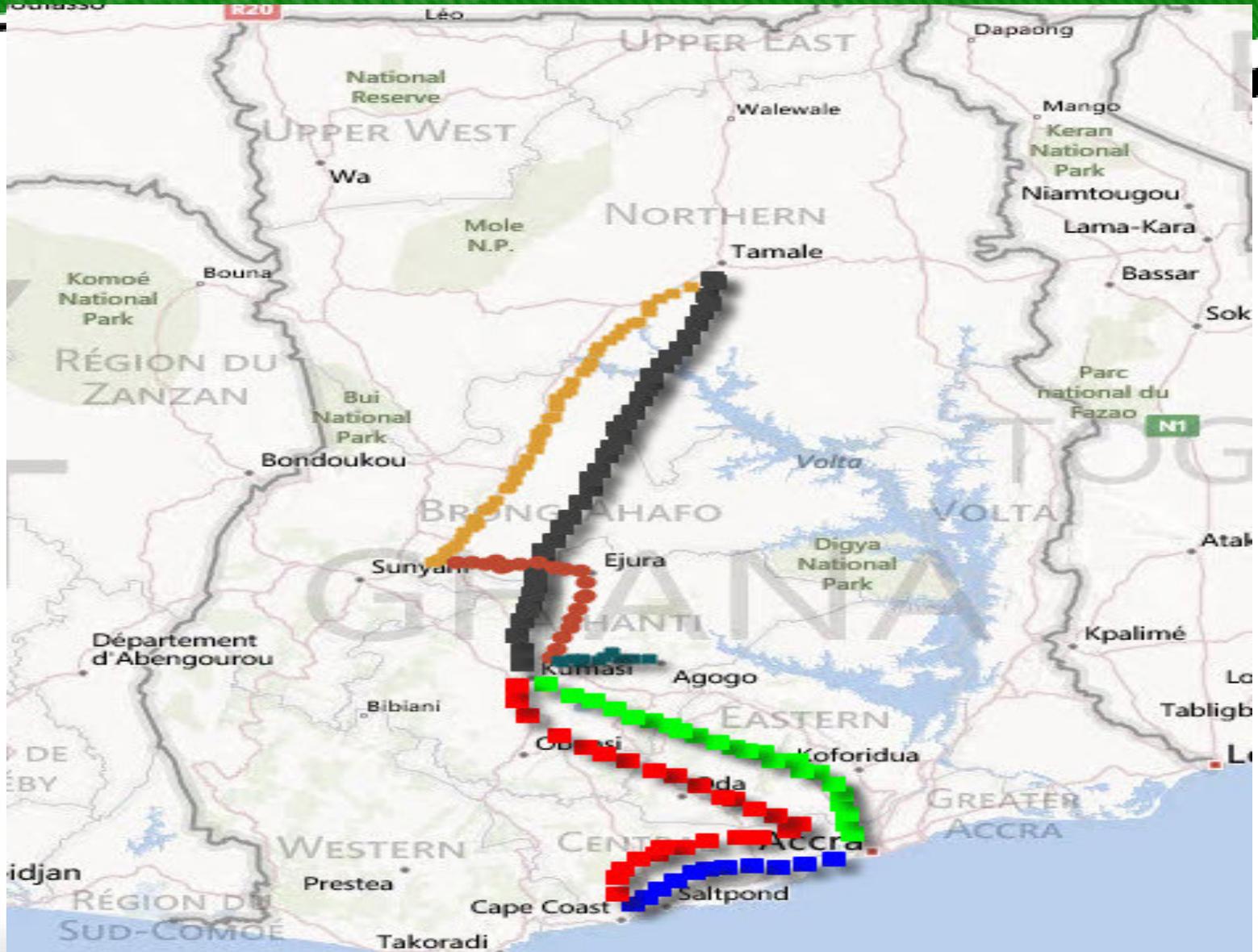
Introduction continues

Data and reporting

- The Biofuel/energy supply chain
- The case study
- Drivers
- Support
- Jobs
- Business targets and wealth creation
- Training
- Local community stakeholder groups
- Impact on agricultural practice
- Future growth plans and recommendations



ACP Case Studies



ACP Case Studies

Biodiesel

- BioFuel Africa- Tamale/Yendi
- ScanFuel- Agogo
- Tragrimacs – Tamale
- *Kimminic – Bredi, Ejura

Biogas

- Biogas Engineering Limited (BEL)- Bole
- Beta Construction Engineers limited (BCEL) - Accra
- Institute of Industrial Research (IIR)- Ankaful



BioFuel Africa



ScanFuel



Tragrimacs



Kimminic



BioFuel Africa

Case Study	Position on supply chain	Investors	Feedstock	Current status Respect to biodiesel
BioFuel Africa	Feedstock producer	Foreign Investment (Norwegians)	Jatropha	Not in operation
ScanFuel	Feedstock producer	Foreign investment (Norwegians)	Jatropha	Not in operation
Tragrimacs	Feedstock Producer and biorefinery	Local investment and GGEF	sunflower	In operation
Kimminic	Feedstock producer and biorefinery	Local and foreign investment	Jatropha	Not operation



Beta Construction



IIR- Ankaful



Biogas

Case Study	Position on supply chain	Investors	Feedstock	Current status Respect to biodiesel
BEL	Biogas service producer	Local investment	Shear nut waste	In operation
BCEL	Biogas service producer	Local investment	Human excreta	in operation
IIR	Biogas service producer	Local investment	Human excreta	In operation



Issues

- 1 functional biodiesel venture out of 4 studied
- Most of them fade out between 2009-2010
- Biogas seems to be doing better



Issues

- What went wrong for biodiesel?

