



LACAf BIOENERGY 2014 WORKSHOP

**BERG-EN-DAL RESORT, KRUGER NATIONAL PARK,
SOUTH AFRICA**

31 March – 3 April 2014





Kruger National Park

- On 31 May 1926 the Kruger National Park was established, named after President Paul Kruger that contributed much to wild conservation.
- The Kruger is an area of 20 000 km² (as large as Wallis in the UK!).
- About 150 mammals, 500 bird, 115 reptile, 50 fish, 35 amphibian and 340 tree species. Important, the Kruger has the BIG FIVE! (And hopefully you will see some of them!)





Kruger National Park





Reflections from 20th ISAF

25 – 27 March 2013, Spier Wine Estate, South Africa

- Alcohol fuels offers much more towards a sustainable future, it can also be a pivotal enabler for sustainable socio-economic development!
- Developing countries will soon be the major users of transportation fuels and incidentally have the greatest potential for future biofuels production.
- It is thus timely for developing countries to explore biofuels production, but in a way that is socially beneficial for local communities and not threatening food production.



Reflections from 20th ISAF

More pertinent to Africa and other developing countries:

- Develop appropriate technologies:
 - Optimized for specific feedstocks and specific products are required.
 - Improve land management (land ownership?) & agricultural practices.
 - There is enough land to grow crops for both the table and tank.
 - However need to optimize production/ha.
 - Require sustainable farming practices.



Reflections from 20th ISAF

- Public-Private Partnerships
 - With technologies coming to fruition, but with daunting challenges ahead of us, we need to foster long-term visions, rather than short-term reactions to current challenges/constraints.
 - Working to long-term visions, we need PPPs where public and private entities and initiatives are aligned to seek sustainable solution, but at the same time address socially and economically beneficial challenges.



Reflections from 20th ISAF

- Regional cooperation:
 - Build critical mass to achieve economies of scale (models to be explore, such as co-op of small farmers – will they be viable and sustainable??).
 - Cross-border cooperation to develop technologies for regional feedstocks.
- Education & training:
 - Understanding biofuels (in layman's terms).
 - Training, skills development for locals to participate in technology development.



Enjoy your stay!