



EASSy

DELIVERING HIGH-SPEED CONNECTIVITY FOR AFRICA

**Euro-Africa Cooperation Forum on ICT Research
Brussels, 25 – 26 March 2009**

John Sihra, Chairman WIOCC

...your partner on EASSy

The EASSy System

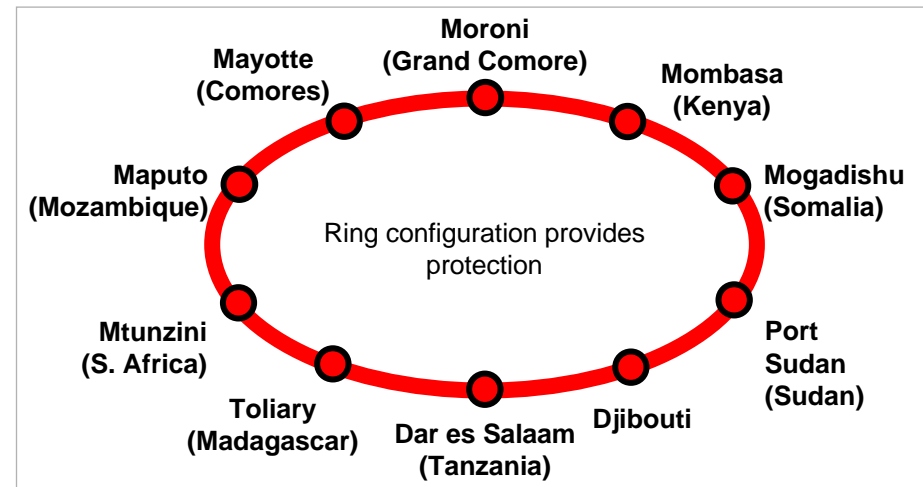
- Carrier and Developmental Financial Institution funded - provides expertise & stability...*a true Public-Private-Partnership*
- The lowest cost base of any East Coast system
- Flexible terms: Monthly leases up to 25-year IRUs
- Scalable solutions: from 2Mbps to 10Gbps
- Extensive backhaul networks: not just to a landing station or city PoP, also unlocks land-locked countries for the first time
- Diverse onward connectivity options to Europe, Asia, North America

EASSy: Developmental funding - Committed to low-cost bandwidth - Flexible terms – Scalable, end-to-end services

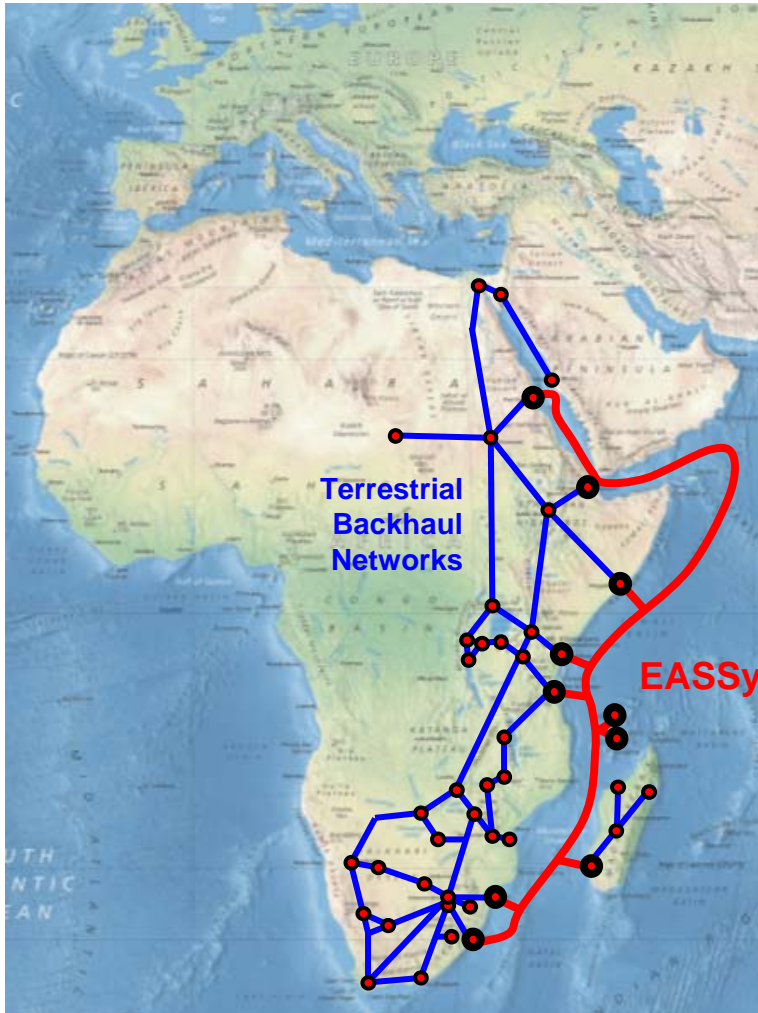
The EASSy System



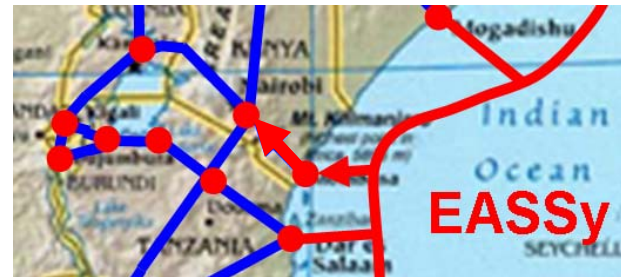
- EASSy is fully funded
- Contract awarded to Alcatel – construction has started
- The largest system on the Eastern seaboard - 2 fibre pairs, up to 1.4Tbps of capacity, 10 landings
- 10,800km SDH “collapsed ring” configuration providing protection against equipment & branch failure



The EASSy System



- Extensive EASSy backhaul networks to reach land-locked countries
- Much of the construction already complete
- Offers additional resilience via alternative routes between landing stations

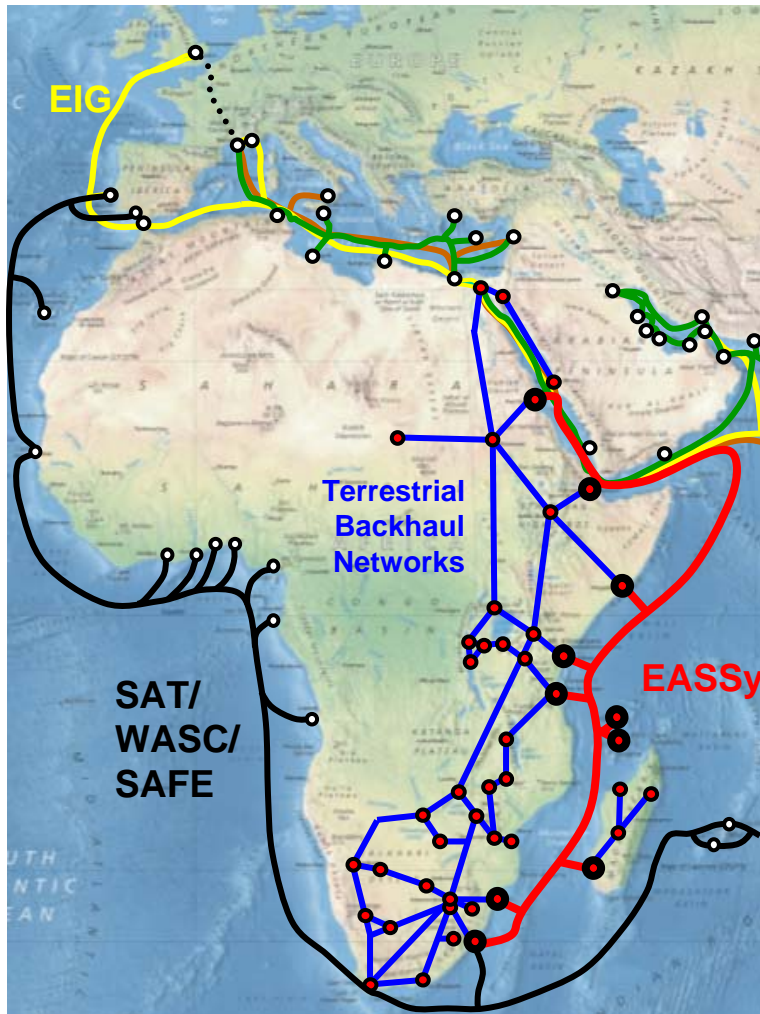


EASSy: Standard route to Nairobi



EASSy:
Alternative route after cable break

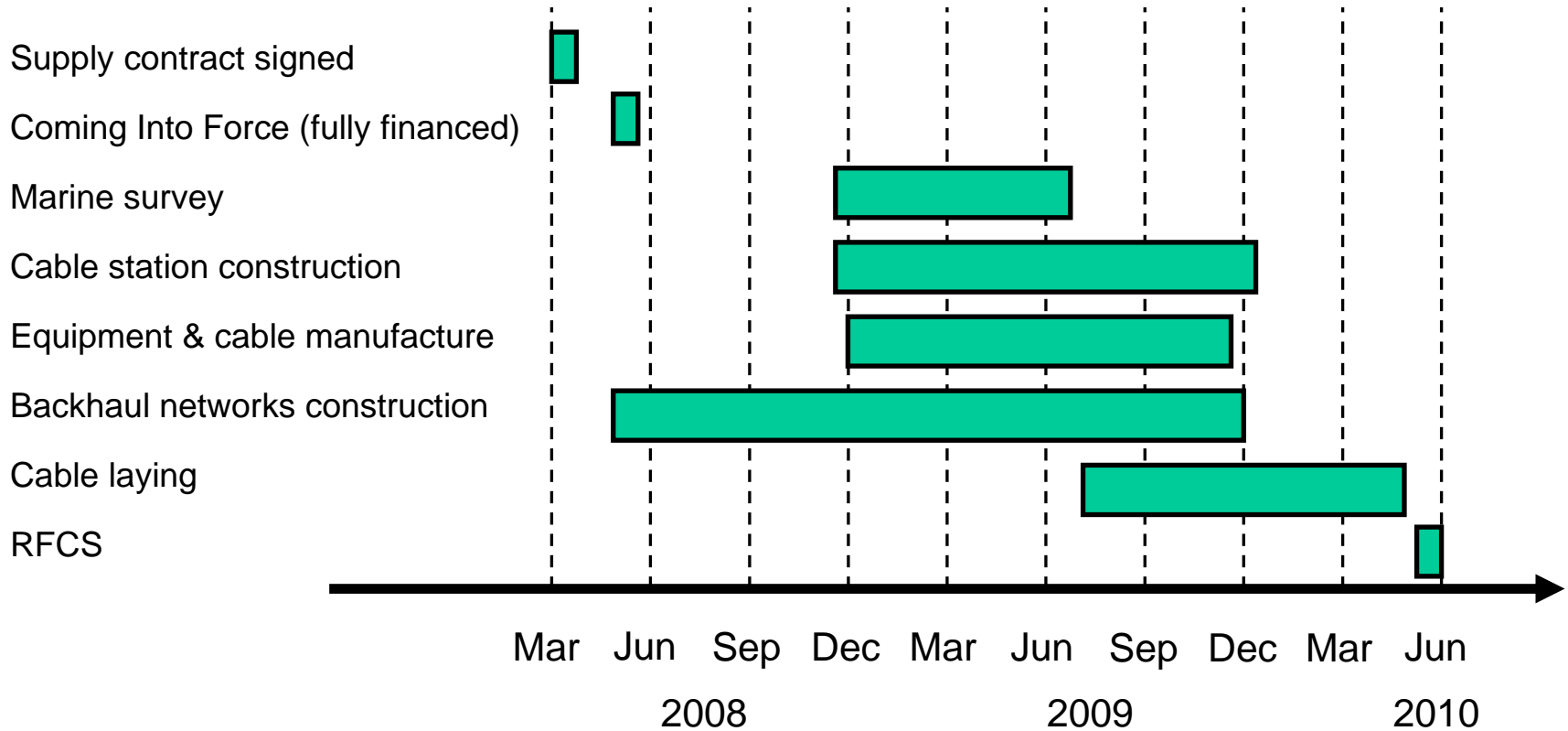
The EASSy System



- Onward connectivity to Europe, Asia and North America via EIG, Reliance-FLAG, IMeWe, WASC
- Diverse routing via Mtunzini, Djibouti and Port Sudan

EASSy: More resilience than alternative systems – A single one-stop shop contract to Europe, N America & Asia

EASsy Project Timeline



EASsy: Confirmed RFS Q2 2010 – Marine survey ongoing – Cable manufacture started – Backhaul networks under construction

EASSy/WIOCC Support for NRENs

- **EASSy / WIOCC support NRENs by delivering affordable connectivity within Africa and internationally**
 - Costs: Development Finance Institution (DFI) funding enables us to fulfil our development objectives – open access & fair pricing
 - will make every effort to connect NRENs at cost-effective rates
 - Reach: WIOCC offers EASSy capacity + national backbone capacity on shareholders networks
 - regional coverage across large areas of Africa - Southern and Eastern seaboard + many landlocked countries - and international
 - One-stop shop: WIOCC deals directly with in-country network providers
 - our shareholders own national networks
 - simple process + NRENs get buying power across multiple countries

EASSy/WIOCC: Supporting FEAST with affordable connectivity

The lowest cost base - Current prices will fall dramatically – Better to “wait and see” than over-pay for IRUs now

The Next Bottleneck?

- We can bring traffic to Africa...
- ...delivery requires high-quality local access, national and regional backbones
- PPP is working well to build sub-sea fibre (WIOCC / EASSy)
 - Model Could also be applied to backhaul / national / local Access infrastructures
 - Proper developmental objectives are need to be adhered to

EASSy: Public-Private Partnership in action...

A blue-toned map of East Africa, showing the Indian Ocean, the Red Sea, and the Gulf of Aden. Labels include TANZANIA, Zanzibar, Dar Es Salaam, and VICTORIA N. The text "Thank you..." is overlaid in white.

Thank you...

Questions?

EASSy: Public-Private Partnership in action...



Thank You