

# Mozambique to South Africa Petroleum Product Pipeline

Presentation to MCLI : Oct 18, 2007 : Nelspruit



# Mozambique to South Africa Petroleum Product Pipeline

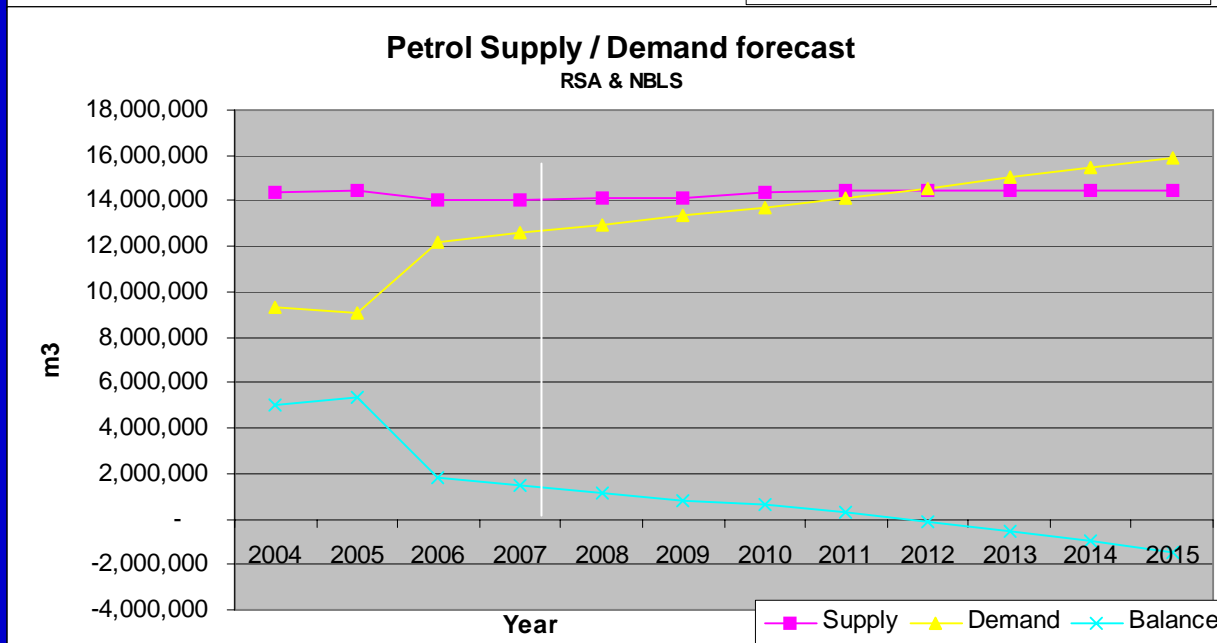
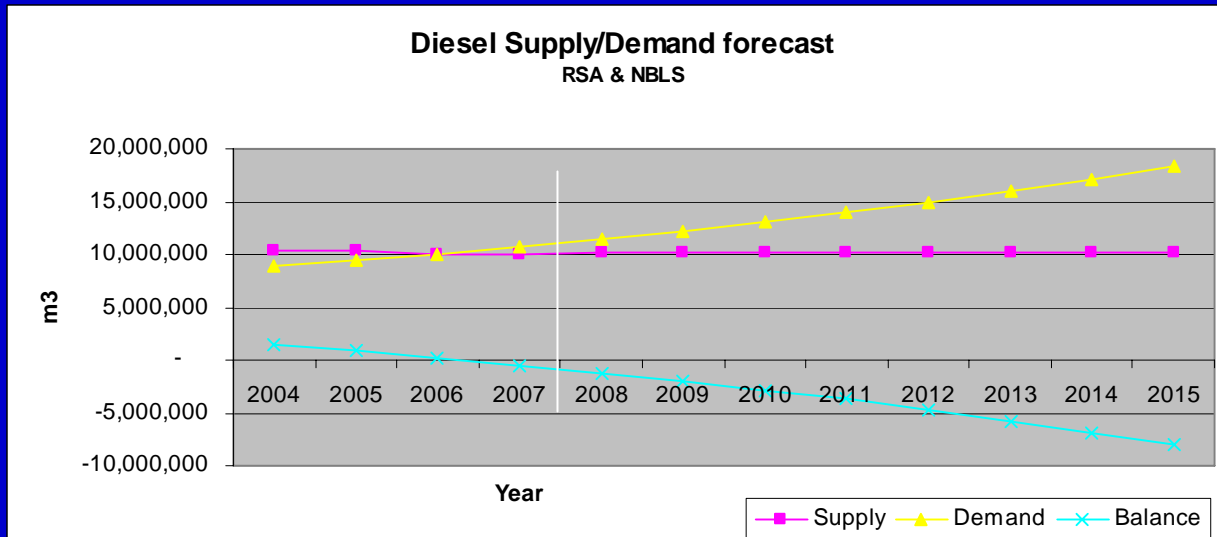
## Content

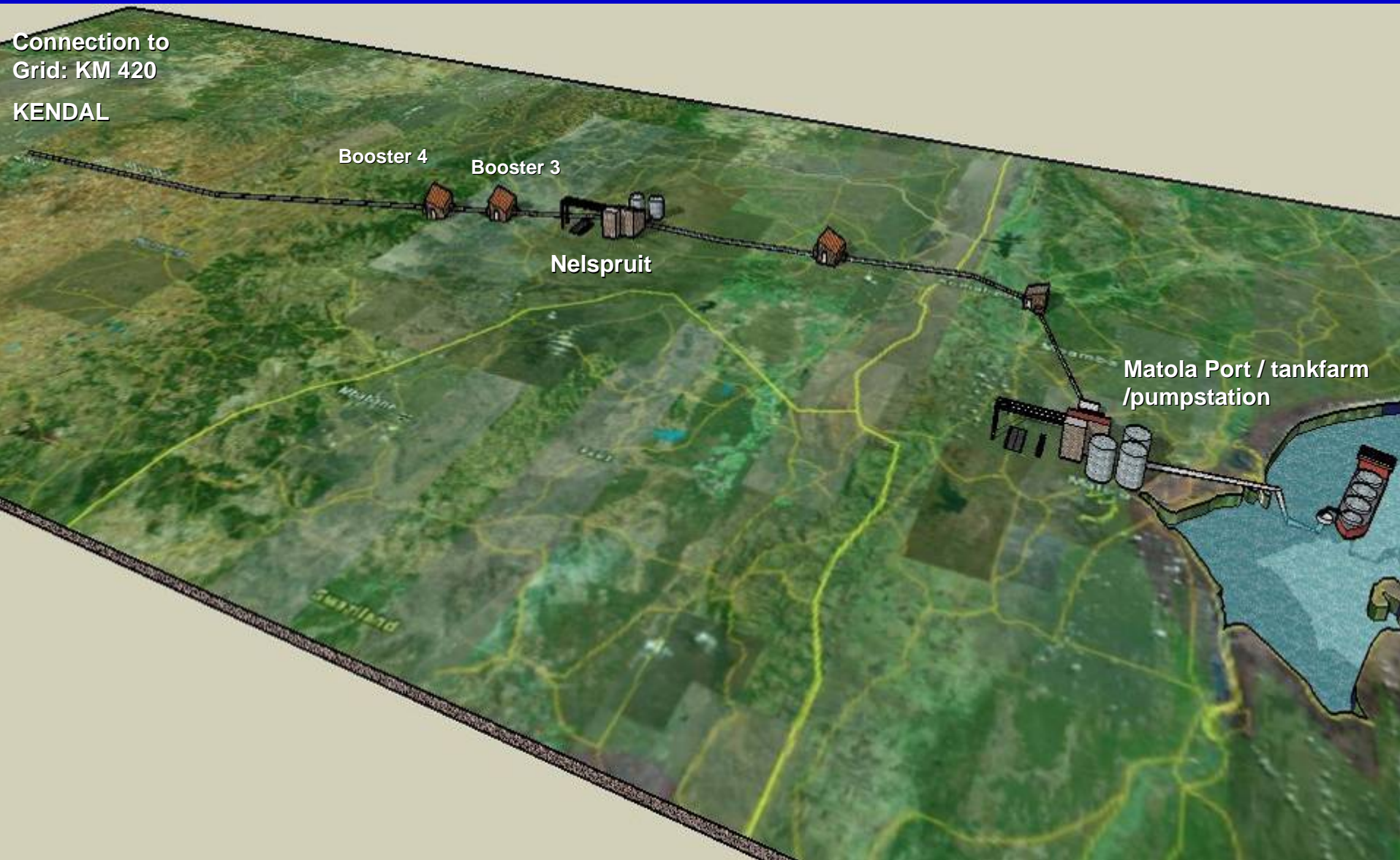
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## Objective:

- **Supply the RSA inland with competitively priced imported petroleum products by end 2009 via;**
  - **440 km - 16 inch - pipeline from Matola in Maputo Mozambique to Kendal in RSA.**
  - **Maputo port - upgraded for larger vessels.**
  - **Receiving depot at Matola.**
  - **Distribution depot in Nelspruit.**
  - **Collection tanks at Kendal for injection into Transnet Pipelines network to supply Pretoria and Witbank area.**
  - **Possible extension of network to Kemptonpark**

# Project Objective





Connection to  
Grid: KM 420

KENDAL

Booster 4

Booster 3

Nelspruit

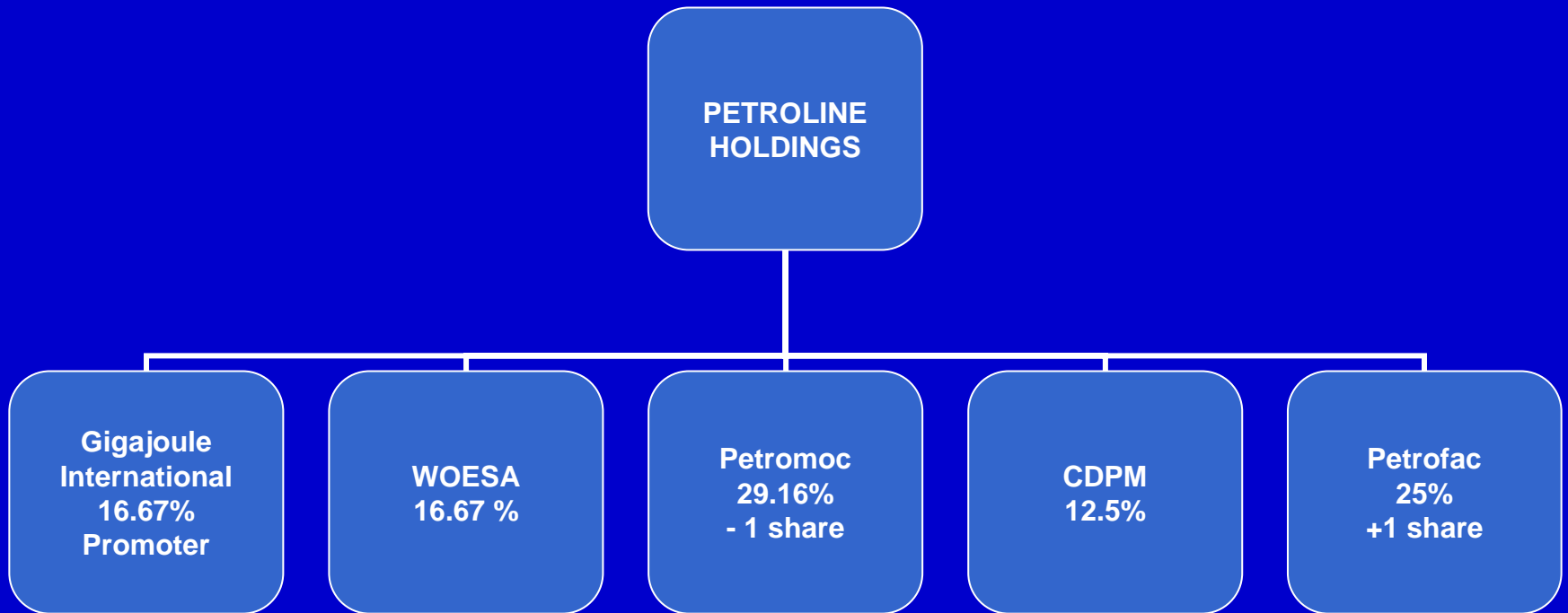
Matola Port / tankfarm  
/pumpstation



# Who is Petroline

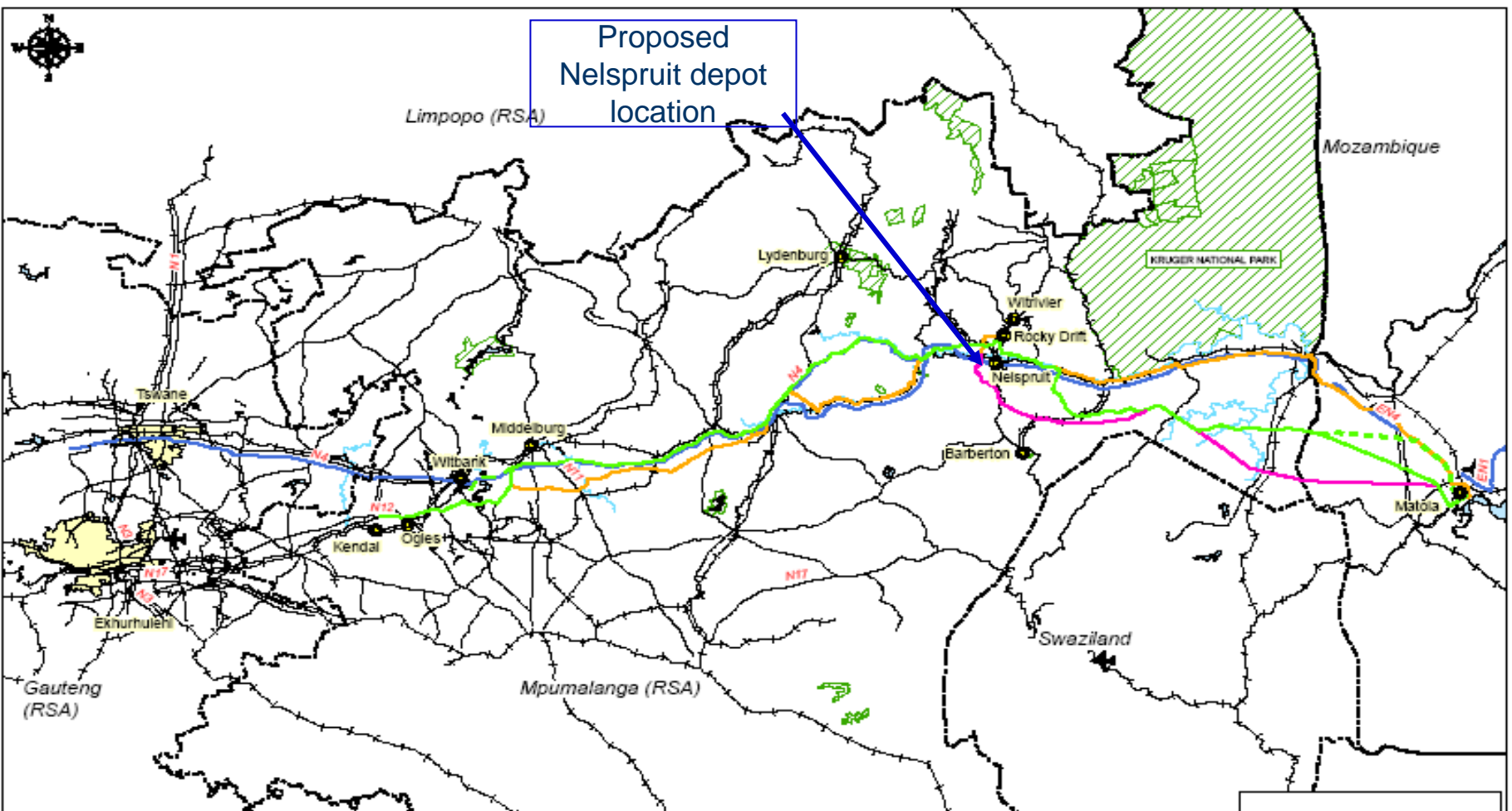
**PETROLINE MOZAMBIQUE  
SARL**

**PETROLINE RSA  
(Pty) Ltd**



- **Approved construction license (NERSA) and concession (Mozambique) for 3.5+ MM m<sup>3</sup>/y of refined products via 12" Pipe and Tankage**
- **Cross border agreement**
- **Route selection**
- **EIA process**
- **Maputo tankfarm and port studies**
- **Pipeline design**
- **Engagement of potential customers**
- **Arrangement of financing**
- **Current financial cost RM 2.0 p.m.**

# Pipeline route



**Project:** MATOLA TO KENDAL MULTI PRODUCT PETROLEUM PIPELINE  
**Drawing Title:** Proposed Alternative Routes  
**Date:** June 2007  
**Drawing No.:** 850-GA0-201 KEY-RSA rev 01



Legend	
	Town
	Route A
	Route A1
	Route A2
	Route B
	Route C
	N4 / EN4
	Road
	Railway
	RSA-Boundary
	Major River

- **Preferred route identified (98%)**
- **EIA . Public meeting held. Comment period closed. Specialist ecological studies under way.**
- **Route aerial photography – 60% completed**
- **Servitude team identifying owners.**
- **Water crossings identified. DWAF**
- **Conceptual design completed.**

# Matola Terminal and Tank Farms



- **Deepening of channels by dredging to allow LR1 (80-85k dwt; –14m draft). Joint interested parties project to be investigated.**
- **Add new/ upgrade berth for offloading of 80-85k dwt vessels.**
- **Pipeline link to new depot**

# Nelspruit depot



- **Alkmaar site procurement under negotiation**
- **Proposed facility includes**
  - 3 x 7 500 m<sup>3</sup> for petrol**
  - 2 x 10 000 m<sup>3</sup> tanks for diesel**
  - 2 x 1200 m<sup>3</sup> tank for slops.**
  - Rail loading**
  - Road loading**
- **EIA in progress. Public participation meeting on Sat 28 Oct.**
- **Transnet Freightrail support proposal.**
- **Expected annual throughput ~ 500 000 – 1 400 000 max m<sup>3</sup> pa**

# Kendal Tie-in point



Existing Transnet Pipelines facility

- **Link to new Transpipe from Kendal to Waltloo (Part of NMPP project – compete by April 2009) and Witbank.**
- **Site location identified to link to Transnet Pipelines network.**
- **Provision of additional services (road – rail) will be driven by customer requirements.**
- **Transpipe support for technical design obtained**
- **EIA in progress**

- **Customer requirement to take product closer to Johannesburg / Pretoria area**
- **Site identified**
- **NERSA approval required**
- **PetroSA interest for strategic storage**
- **Road and rail facilities**



# Supply and Transport agreements

- Long-term take or pay agreements
- Several local and international oil companies and traders have expressed firm interest.
- Local advertising to give all opportunity to participate.
- Agreements to be finalised by March 2008.

# Project timeline

		2007				2008				2009			
Q		1	2	3	4	1	2	3	4	1	2	3	4
<b>Project</b>	Approvals	█				█							
	Orders placed					█							
	Construction							█		█			
<b>Pipeline extension</b>	Confirmation/Approvals				█		█						
	Orders placed								█				
	Construction										█		
<b>Commercial</b>													
	STA agreements			█		█							
	Financial closure			█		█							

- **Approvals**
  - EIA / DEAT
  - DWAF
  - NERSA
  - DME
- **Commercial**
  - Supply and Storage agreements
  - Financial closure
  - Land acquisition and servitudes
- **Technical**
  - Engineering
  - Line extension

**For more information visit**

**[www.Petroline .co.za](http://www.Petroline.co.za)**

**THANK YOU**