

Our History

# GROWING WITH TANZANIA THROUGH THE YEARS

**The Songo Songo Gas Field was discovered by Azienda Generale Italiana Petroli (“AGIP”) in 1974. Between 1976 to 1982, TPDC drilled a further eight wells, three of which were plugged and abandoned.**

In July 1991, PAET entered into an agreement with TPDC to evaluate the economic viability of developing the Songo Songo gas field to generate electricity.

In 1997 an extensive five well testing program was undertaken and the results were used to prepare a full field reservoir model. Further studies confirmed sufficient quantities of gas to supply a gas to electricity project. The Government of Tanzania approved the project in 1999.

In 2001 the Songo Songo gas to electricity project reached financial closure. Gas production commenced in June 2004 from the five wells originally drilled by TPDC (SS-3, SS-4, SS-5, SS-7 and SS-9).

## 1974

- The Songo Songo gas field was discovered by AGIP

## 1991

- PAET acquires the Songo Songo license

## 1997

- Completion of a five-well testing program

## 1999

- Government of Tanzania approves the Songo Songo gas to electricity project

## 2001

- Songo Songo gas to electricity project achieves financial closure

## 2003

- Tanzanian workforce recruited and trained to operate the Songo Songo gas plant

## 2004

- First gas produced from the Songo Songo gas processing plant on Songo Songo Island

- Construction and commissioning of the downstream distribution network in Dar es Salaam to serve industrial customers

## 2005

- Marine seismic program identifies Songo Songo West drilling prospects

## 2006

- Drought increases demand for gas-fired generation in Dar es Salaam

- Long-term gas sales contract negotiated with TANESCO for power generation

## 2007

- Downstream expansion program increases supply of natural gas to more industries

- PAET drills SS-10, the first Songo Songo well in 25 years

## 2009

- Debottlenecking of the Songo Songo gas plant allows production to increase to 110 MMcfd

- PAET constructs new pressure reduction station to serve Wazo Hill Cement Plant

- PAET completes construction of Compressed Natural Gas (“CNG”) facilities in Dar es Salaam



## 2010

- PAET funds study to increase production to a minimum of 140 MMcfd

- PAET introduces scholarships and provides increased aid to schools on Songo Songo Island

## 2011

- Tanzania announces plans for \$1.3 billion 532km coastal pipeline and infrastructure expansion

- PAET announces plans for expansion program to further increase gas production

## 2012

- PAET drills and completes SS-11 to increase gas production

## 2013

- PAET provides English language training for secondary school students in Kilwa District

Find out more on our history at:  
<https://orcaenergygroup.com/about-orca/history/timeline/>

## 2014

- PAET signs transportation agreement with TPDC to deliver gas to five industries at Mikocheni

## 2015

- Tanzania introduces the Petroleum Act, 2015
- TPDC commences \$1.2 billion National Natural Gas Infrastructure ("NNGI") project to process and transport gas from the south of Tanzania and Songo Songo Island to Dar es Salaam
- PAET completes the workover of three offshore wells (SS-5, SS-7 and SS-9) to restore field deliverability
- President Kikwete inaugurates the 210 MMcfd Madimba processing plant

## 2016

- PAET drills and completes offshore well SS-12

## 2017

- PAET signs Additional Gas Plan 2 with Songas and the Government of Tanzania
- Tanzania introduces Permanent Sovereignty Act 2017
- TPDC commence limited processing of gas at 140 MMcfd from the NNGI gas processing plant on Songo Songo Island

## 2018

- PAET ties-in well SS-11 and well SS-12 to the NNGI
- PAET produces first gas from SS-12 to the NNGI to meet increased demand for power production
- PAET assumes full technical responsibility for management of the downstream network, supplying gas to over 40 industrial customers
- PAET concludes high impact English language training across all schools in Kilwa District, training more than 220 local teachers and over 15,000 students

## 2019

- PAET signs long-term gas sales agreement with TPDC setting the conditions to significantly increase gas production and sales
- PAET completes installation of refrigeration on Songas' processing plant to restore and sustain deliverability
- PAET obtains investment approval and enters into negotiations for the installation of compression to sustain production through the Songas facilities

## 2020

### March

- The Company imposes strict protective measures to preserve operational capability through the COVID-19 pandemic

### April

- PAET makes a charitable donation to local child cancer charity to enable stockpiling of medical supplies through the COVID-19 pandemic

### August

- The Company signed a lump sum turnkey for design, supply, installation and commissioning of feed gas compression on the Songas gas processing facility

### September

- Flowline debottlenecking completed to increase production potential by approximately 10 MMcfd



## 2021

### February

- The SS-10 well is the third well to be tied into the NNGI and the Songas processing plant, giving far greater flexibility in production management



### March

- Compression project enters construction phase

### May

- The Company obtains Songas approval to workover two Songas onshore wells (SS-3 and SS-4) alongside the pre-approved workover of the PAET well SS-10

### November

- Workover campaign begins with the SS-3; well successfully worked over and returned to production for the first time since 2012

### December

- PAET received approval to conduct full fold 3D seismic across >200km<sup>2</sup> of the Songo Songo gas field, to commence in 2022