

TALBOT  *The Art of Water*



Activating the Transition to Sustainable Water...



Overview

30+
Years
experience

220+
Staff
and a network
Of Global
Partners

Level 1
BBBEE
In
South
Africa

300+
Projects
delivered to
our clients

20+
Countries
Across Africa, UK,
Europe and
the USA



Diversity of Services Offered

TalbotAnalytics (Software as a Service)

Water Risk & Security

Total Water Optimisation and Management

Water and Wastewater Treatment

Water & Resource Recovery

Environmental Analysis across Africa

Water Finance

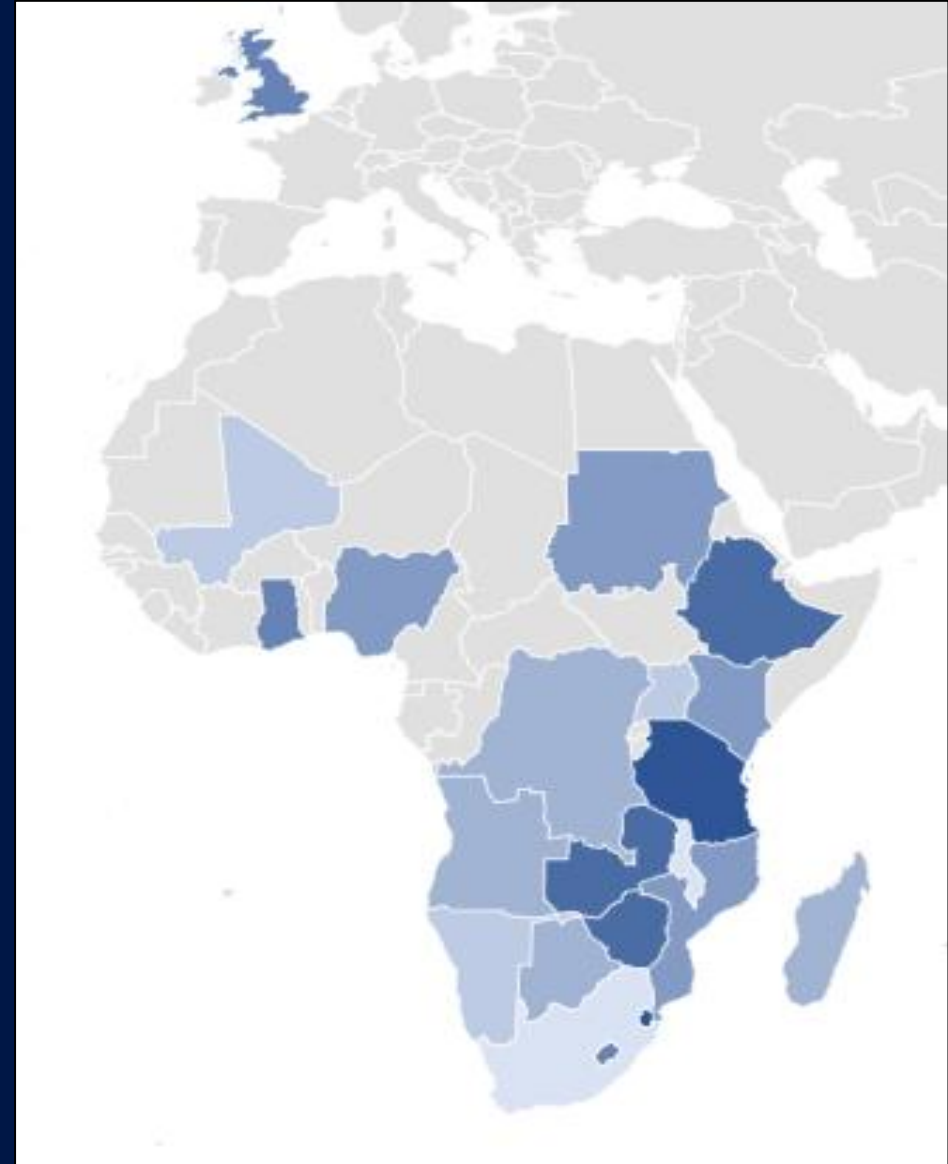
Product Sales and Support

Mobile Wastewater Rental Unit

Project Footprint

Working with clients across the African Continent, Europe, UK and the US, we have developed a world-class brand that puts us at the forefront of the...

*Transition To Sustainable
Water*



Clients

Resources	Pulp & Paper	FMCG	FMCG	Motor	Industrial	Public Sector
AngloPlatinum	Sappi	SABMiller/ ABInBev	Ingrain	BMW	AECI	Eskom
Pan African Resources	Mondi	Nestle	Illovo (ABF)	VW	Wilmar Processing	DWS
Sasol	Mpact	Heineken	THS	Toyota	Kansai Plascon	Umgeni Water
Rand Refinery	PG Bison	PepsiCo	Sovereign Foods	Mercedes	Omnia	Midvaal
Sibanye	Nampak	Coca-Cola	RCL		Infrachem	eThekwini
Sapref (Shell/BP JV)	Neopak	Kerry Foods	Lallemand		Hulamin	Ekurhuleni

Partners



Partners

Talbot consistently seeks to build relationships with new partners whilst building on long terms relationships with existing partners.

- Mutually beneficial relationships, collaboration & transparency
- Current strategic partnerships with numerous European and US-based Technology providers and technical experts – something unique
- German Partnerships
 - Fraunhofer Institute
 - TBP Upcon (specialists in Pulp & Paper Process Water Optimisation)
 - KMU Loft – a range of specialist vacuum Evaporators
 - Watersam (AutoSamplers)

KMU Loft



TALBOT 

KMU Loft Relationship

IFAT 2019 Engagement
Exclusive agreement signed for SADC
Collaborating on various opportunities
Completed 2 projects to date



BMW – Talbot Evaporator



Challenge

- Recover rinse water, from acid rinse zone in paint shop, for use as cooling tower make-up water (typically municipal water).
- Water savings target driven by BMW head office

Solution

- KMU LE1400 Destimat Vacuum evaporator – capable of producing 1400 l/h or approximately 31 m³/d distillate/recovered water.

Approach

- KMU Loft technology
- Installation, project management and commissioning by Talbot with support from KMU Loft.

Outcomes

- Reduction in municipal water use for BMW Paint Shop.

Interwaste - Talbot Evaporators



- **Challenge**

Leachate from landfill contains a complex mixture of organic and inorganic pollutants, including heavy metals, ammonia, organic acids, and various toxic compounds.

- **Solution**

Leachate Plant which incorporates advanced components such as 2 KMU Loft vacuum evaporators, a customized 2-pass Reverse Osmosis System, an ammonia stripping column and an ammonia scrubber

- **Approach**

KMU Evaporator was selected by Talbot as most appropriate technology for specific needs against international scrutiny (Seche Group). KMU supported local sales discussions, design review, commissioning and training clients operators.

- **Outcomes**

Water meets river discharge standards
Concentrate returned to landfill

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