



An Introduction To:

WATER

DAVANNS LLC





About Davanns Limited:

Who We Are

“We are a Holistic Water Solutions Provider specializing in Treatment, Wastewater Management and Smart Distribution”

We partner with our clients to build and improve their water systems through automation that keep them ahead of competition.

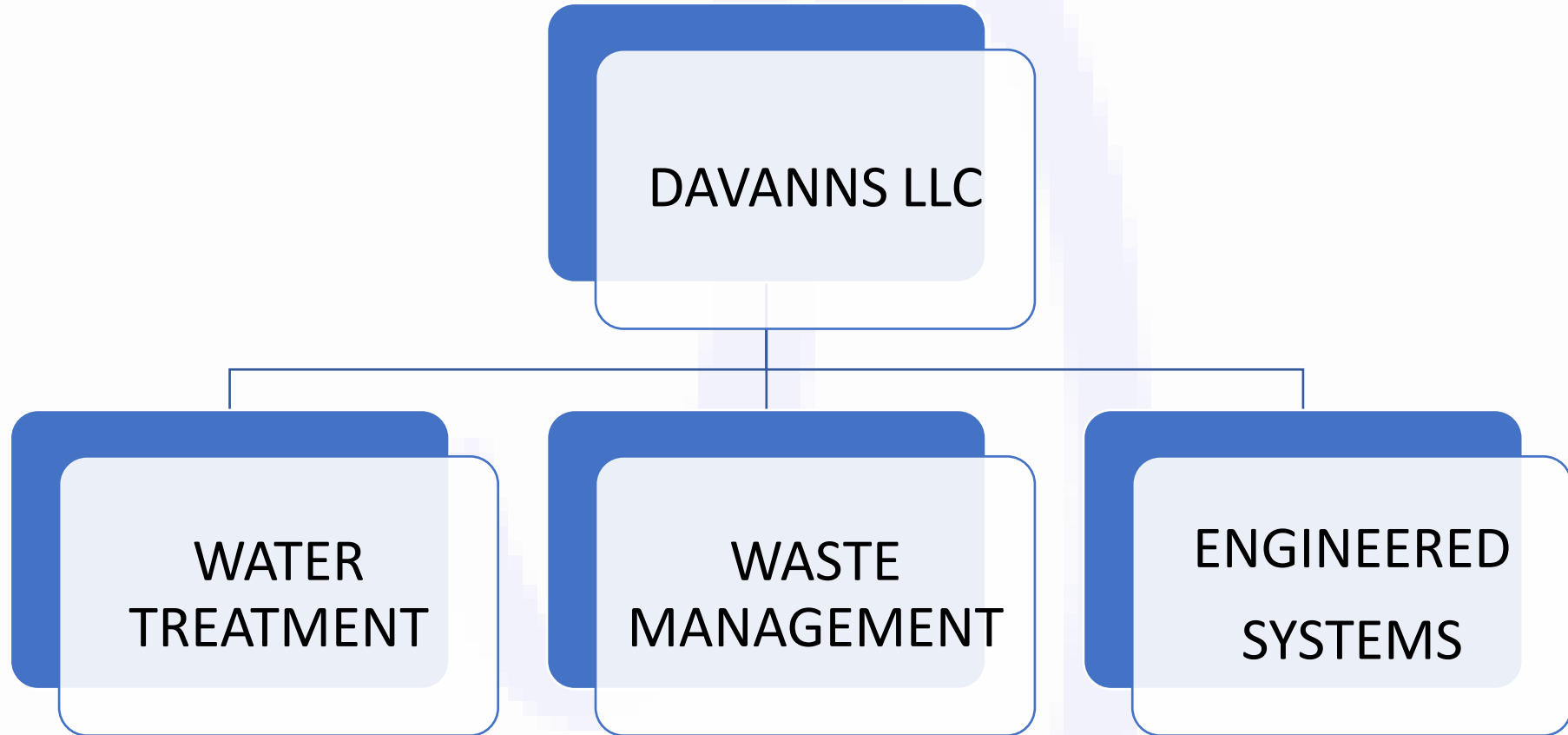
Davanns was founded in 2005 and is a registered Limited Company in Kenya. We pride ourselves in provision of best fit solutions for our clients, tailored to meet their specific requirements. We ensure customers' satisfaction first by identifying, tailoring, and providing solutions to their needs.

We have a dynamic and professional service delivery team with diverse backgrounds in **Chemical and Bio Technologies, IT and Business**. They leverage each member's skills to deliver well researched Water Solutions efficiently and on time, hence giving excellent return on investment to our clients. To us, every client is an opportunity for partnership, and we work together to achieve a common goal.



Company Introduction:

What Do We Do



Company Introduction:

Clients

We are a **good company**

We serve other great and amazing clients across Africa

- Kenya
 - Nakuru Water and Sanitation Services Co. Limited (NAWASCO), Ekaterra, GlaxoSmithKline, Delmonte
- Rwanda
 - Kivuwatt, Energy Utility Co. LTD (EUCL), & HQ Power
- Uganda
 - Uganda Energy Generating C. LTD (UEGCL)
- Zambia
 - Wartsilla Zambia
- Madagascar
 - Vestop Madagascar SARL
- South Sudan
 - Brilliance International

Company Introduction:

Our Partners

We are a **good company**

We are backed by partners across the globe

■ USA

- Dow Filmtec
- Koch
- Pall Filters

■ United Kingdom

- Sievi
- BWA Additives
- Accepta
- Phigenics
- Kittiwake
- Hanna

■ Asia

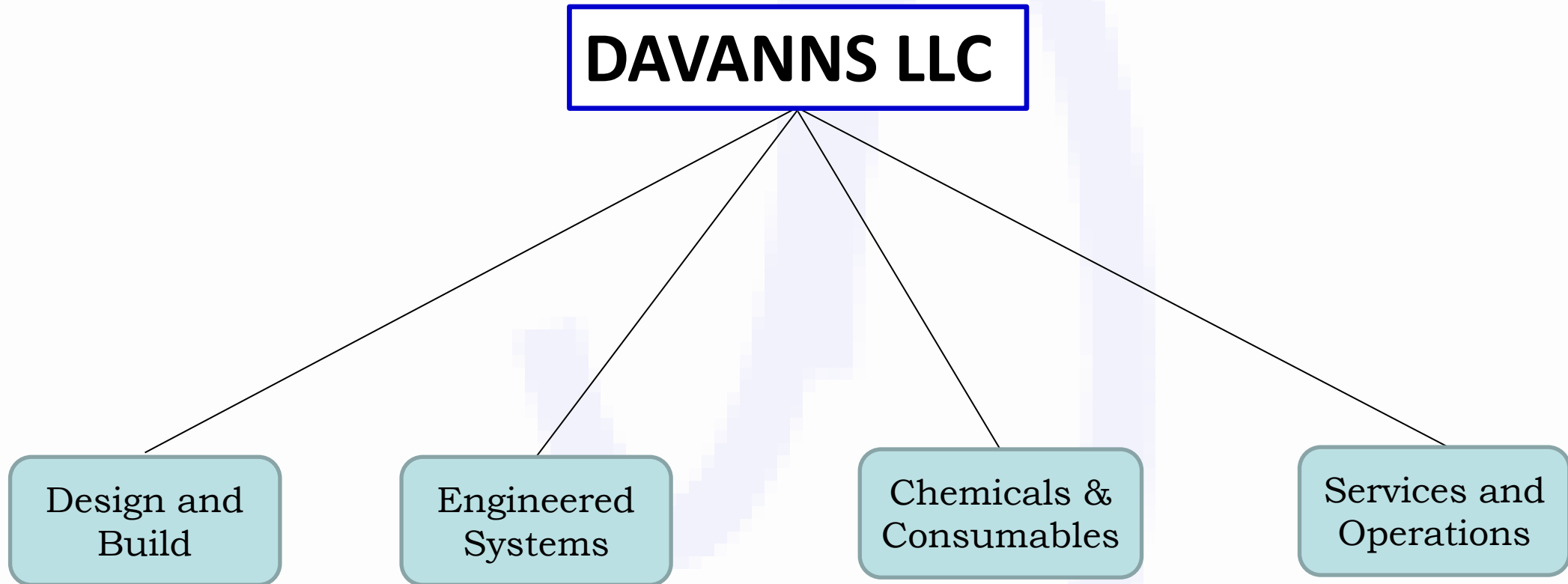
- SRHHL
- ROTEK
- GL Enviro
- FG Hafe
- Q&T

■ European Union

- Veolia
- Marine Care
- Vecom
- Eaton
- Elga
- Kemira
- Cromogenia

Company Introduction:

Our Sectors



Company Capabilities



Design & Processes:

Equipment

1. Filtration



3. Water disinfection



2. Reverse Osmosis



4. Water clarification



Design & Processes:

Equipment

5. Softeners & ion-exchange



6. Wastewater Treatment & Sludge treatment

- General Wastewater Treatment
- Anaerobic & Aerobic Processes
- Sludge dewatering



Engineered Systems Division: Technology Innovation

Systems automation



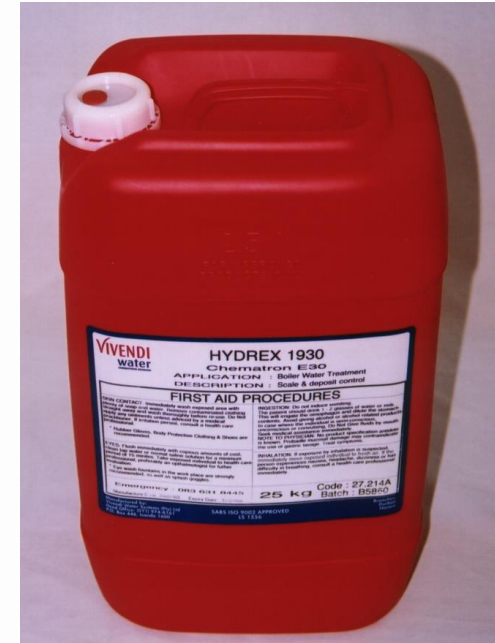
- Smart dosing pumps and controller systems
- Optimized Reverse Osmosis,
- Boilers
- Wastewater Systems

Digitalization & applications integration

- Data collection, analysis, optimization
- Customer touchpoints, structures and channels
- Data flow, storage and security



- Hydrex 1000 Series
 - Boiler Water Treatment
- Hydrex 2000 Series
 - Cooling Water Treatment
- Hydrex 3000 Series
 - Potable Water Treatment
- Hydrex 4000 Series
 - RO Treatment
- Hydrex 5000 Series
 - Industrial Maintenance
- Hydrex 6000 Series
 - Water & Wastewater
- Hydrex 7000 Series
 - Biocides
- Hydrex 8000 Series
 - F&B Chemicals
 - Shield Range
- Hydrex 9000 Series
 - Miscellaneous



Shield Product Range – Recently launched

- Bottle-washing
- CIP Detergents
- Detergents
- Drain Treatments
- Foaming Sanitizers
- Rinse Aids
- Sanitizers
- Scale Control
- Vanguard Chain Lube

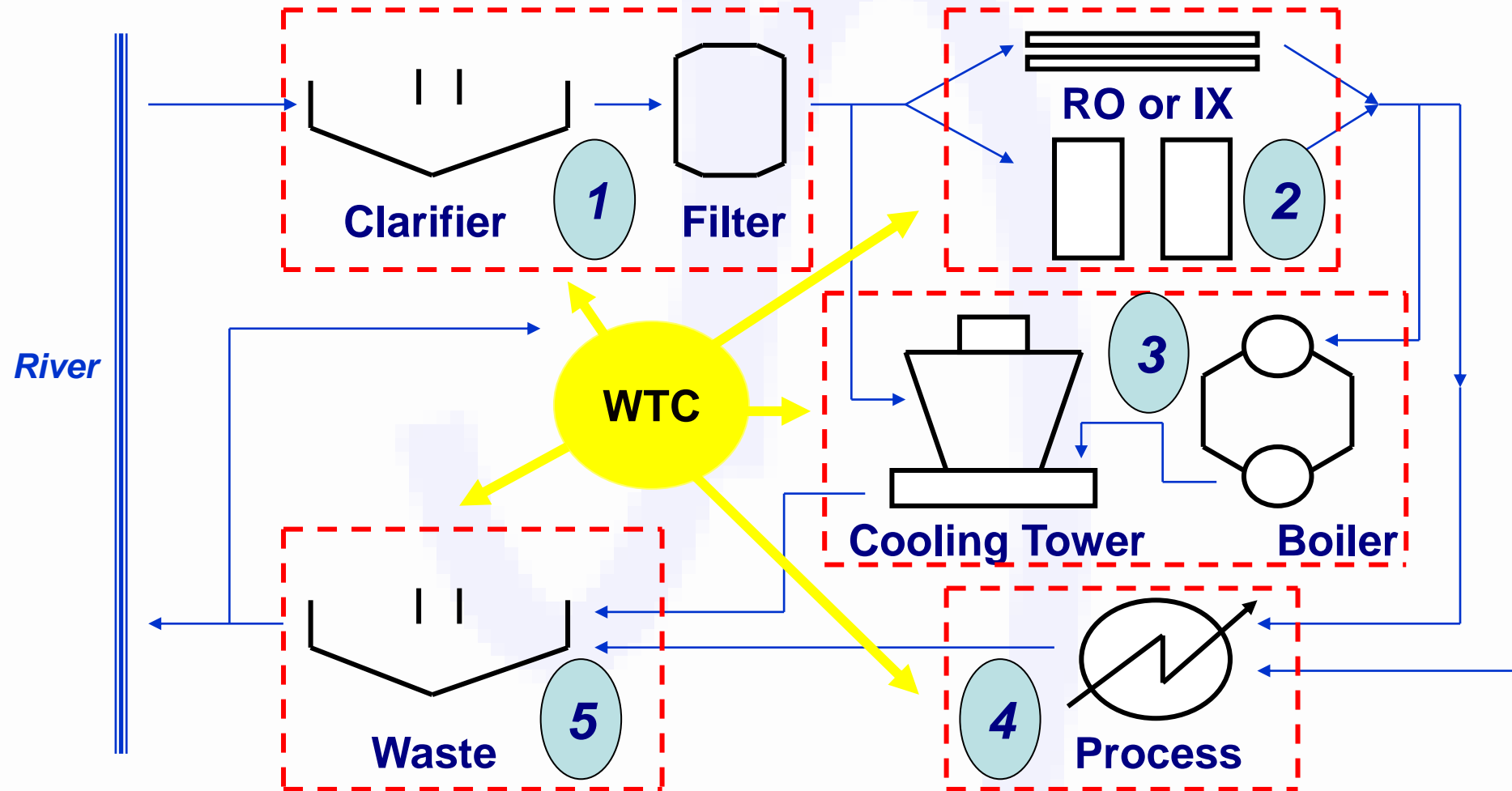


Consumables

- Laboratory Reagents and Accessories
- Laboratory Acids
- Filtration Media
- Resins
- Filter Cartridges
- Filter Bags
- Membranes

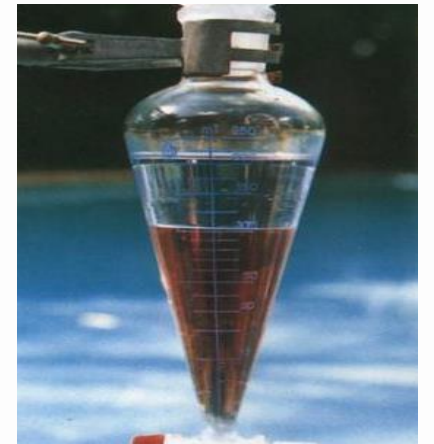
Applications:

Chemicals & Consumables



Services Division

- We operate a fully competent technical servicing department
- We offer water analysis and treatment solutions, system revamps and maintenance
- We offer training & consultancy services



Tangible services we offer

Services and Consumables

- Dosing pumps and spares/standard equipment
- Resin/Carbon/sand/anthracite
- Actual maintenance service

Engineered Systems

- New plants
- Automation & Upgrades

Chemicals – Food grade

- Boiler/Cooling
- CIP/Sanitizing/cleaning
- Lubricants
- pH correction
- Coagulation & Flocculation

Operational

- Local technical support
- Local admin support

Operations Division:

Where?

- We are currently fully operational in the water treatment plants of various industries including:
 - ✓ Pharmaceuticals
 - ✓ Tea Factories
 - ✓ Dairy Factories
 - ✓ Power Plants
 - ✓ Beverages & Breweries
 - ✓ Oil Refineries
 - ✓ Water Recycling and Distribution Plants
 - ✓ Paper and Pulp
 - ✓ Flower Farms
 - ✓ Pools, Lagoons and Artificial Lakes

Operations Division:

How?

- We offer the water treatment services in these industries through:
 - Provision of technical manpower
 - Provision of chemical treatment & cleaning services
 - Provision of service maintenance
 - Provision of calibration services
 - Provision of consumables (carbon, cartridge filters, sand & lab reagents)

Why Davanns

We go **Above & Beyond** in Our Job

- Interaction with a holistic service provider
- A partnership instead of a customer-supplier association
- Proactive instead of reactive service offering
- International reference and true Global Association
- Commitment from all parties to take up ownership sharing
- Collectively strive to meet and manage production goals
- Communication: Prompt, Open and Precise, to support each other
- Advancement of R&D projects for improvement of water utilisation

Operational Areas:

Use Cases

Building & Design

Construction and setting up of Dairy lamella clarifier to clean up muddy river water. A plinth was constructed to support the clarifier, piping set up and the right chemical regimen was established. The resultant water was clear of suspended solids and color.

Engineered Systems

Installation of an online chlorine and pH controller in a pharmaceutical plant to sample water online which takes real-time chlorine and pH readings. Uses set limits and controls the dosing rate of the chemical. It therefore ensures the parameters are maintained within the set limits. With ability to transfer data to PC and mobile device for monitoring.

Chemicals & Consumables

Carrying out of jar tests to establish the right type and concentration of coagulants and flocculants for waste oily water in a power plant. After clarification and filtration, the resultant water is free from oil and suitable to be released to the sewer system.

Services & Operations

Analyzing a tea factory's boiler water to establish the quantities of treatment chemicals dosed to ensure they are maintained within the set limits and thereafter carrying out trainings for boiler operators on boiler SOPs.

Global Brands

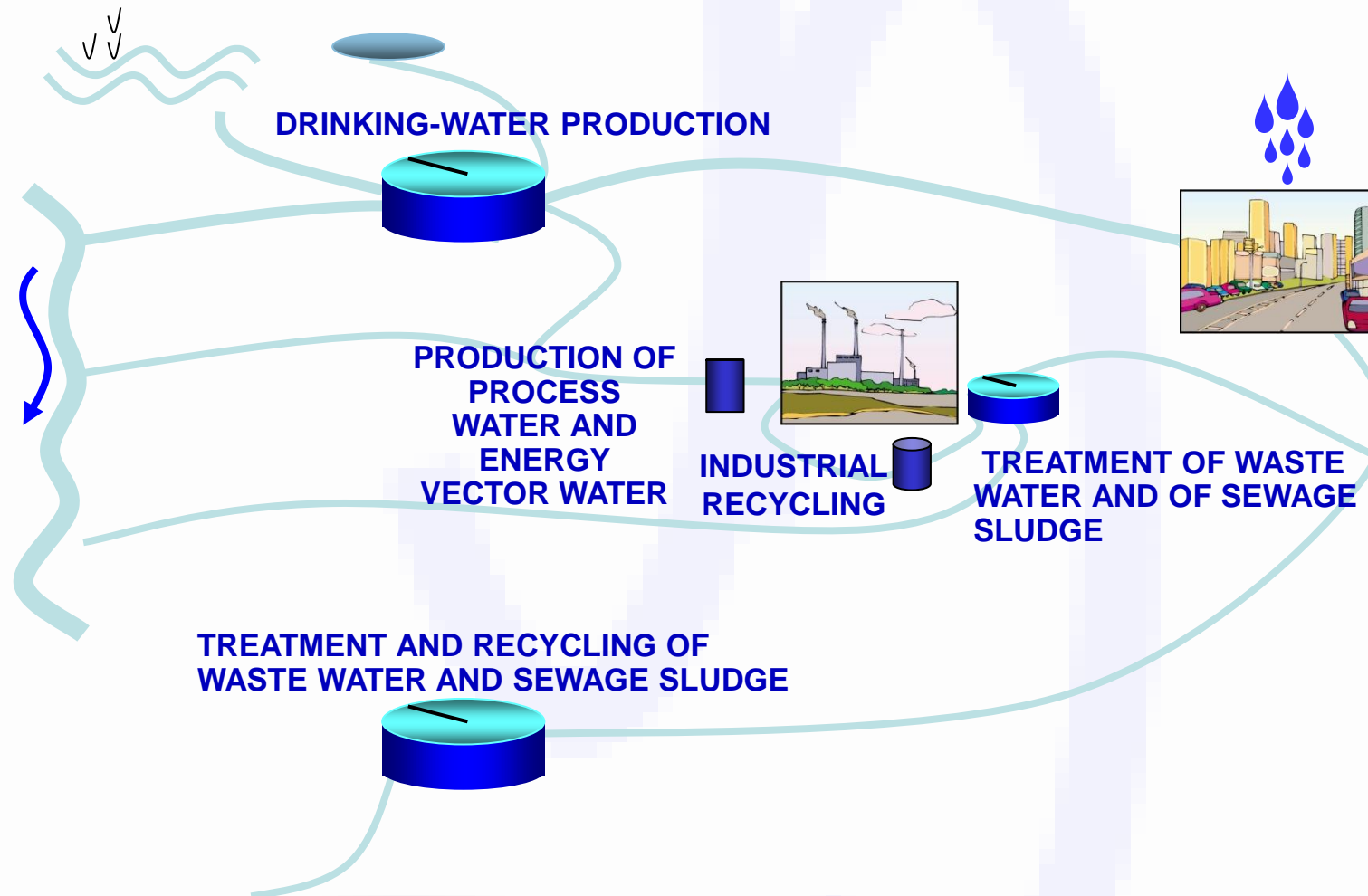
We believe **Business**
Success comes from
Working Together



Solutions & Technologies



Holistic Supply Chain



Conclusion Message

Davanns Limited offers:

A single

Supplier & Partnership package that fulfills all
chemical and service requirement needs.