

Our Solution in Total Sustainable Facilities Management



Who is TAD Total Facilities Management?

- Established with expertise from most complex buildings in UAE to provide Facilities Management in Sudan
- First Company in the market to provide total facilities management services combined approach
- With workforce of more than 600 employees we maintain more than 600,000
- M2 in Sudan including Corporates such as Zain, UN and Healthcare Facilities such as Gima and Almoalem. Banking such as Bank of Khartoum, Industrial such as Teital and JTI Complexes.
- First Company to implement advanced cleaning technique with its German Partners – **KIEHL & VERMOP**
- **24/7 help desk**
- All technicians are graduated and have diploma from **vocational institutes**



Vision

To be a leading force in rebuilding the nation—leveraging our expertise to drive sustainable growth and long term development.

Mission

We are committed to delivering comprehensive assessment, evaluation, and solution-oriented services for the repair and restoration of buildings damaged by war or natural disasters ensuring resilient infrastructure and a better future for communities in need.



TAD Success Partners



VERMOP®
PROFESSIONAL CLEANING SYSTEMS

columbus

KIEHL
die saubere Lösung



CSR Initiative and Award by MEFMA



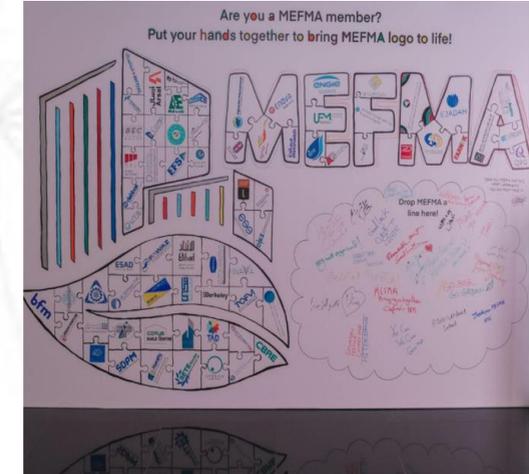
2020



2021



2022





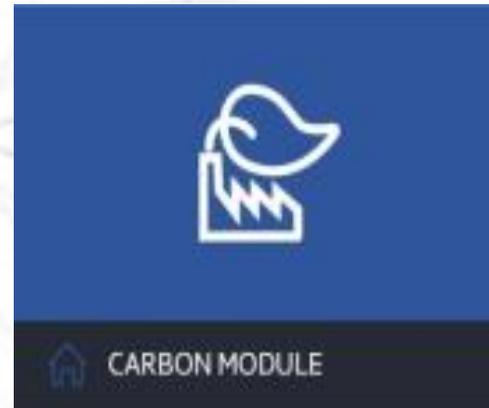
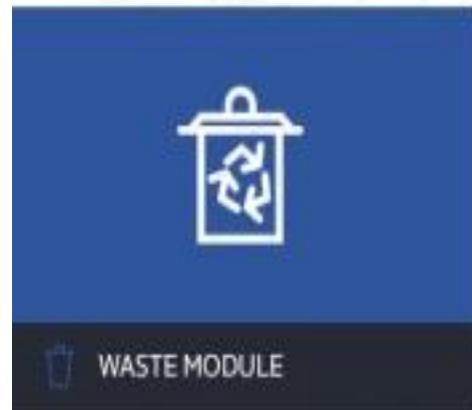
TAD Business Sectors

- **Healthcare – hospitals and clinics**
- **Residential – apartments and villas**
- **Corporate – banks, offices, organizations etc.**
- **Telecommunication – Offices, outstations, customer service offices**
- **Retail – shopping centers, Malls etc.**
- **Hospitality – hotels, motels, restaurants, cafes etc.**
- **Oil & Gas – sites, power, roads etc.**
- **Education – schools, universities and institutes**
- **Infrastructure – airports, train stations etc.**



Added Value: Sustainability

hotel optimizer
brings more light into your business





TAD CSR – Sustainability & Environment



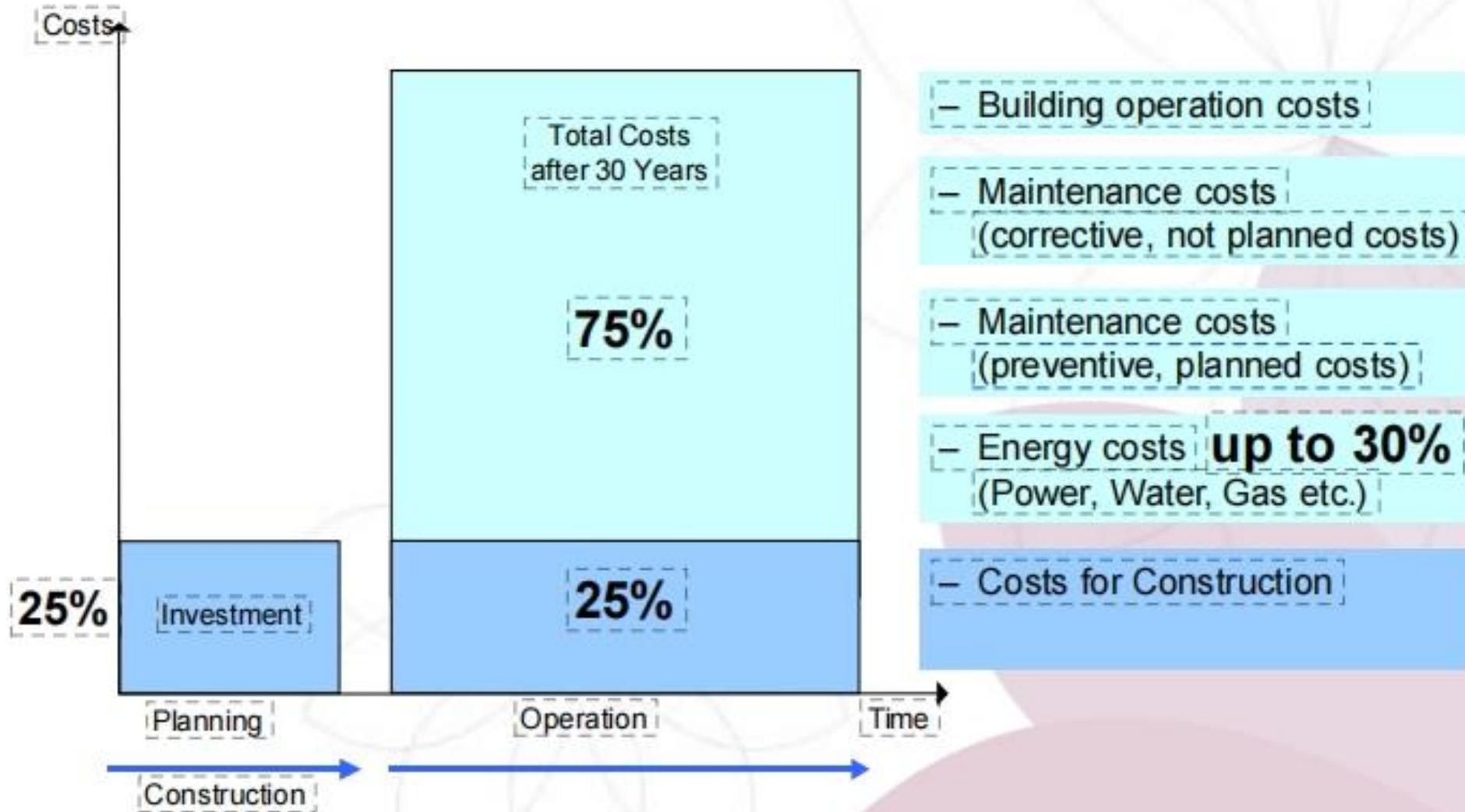
Initiation of Earth Hour 2015 – 2016 – 2017 - 2018



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Added Value: Sustainability





In-house Training Center





TAD Solutions

Total Facilities Management

- 1. Construction Services**
- 2. Maintenance**
- 3. Cleaning**
- 4. Catering Services**
- 5. Energy Management and Sustainability**
- 6. Specialized Services**



Construction Services

We deliver comprehensive construction and maintenance services for buildings and facilities, covering new developments, renovations, and upgrades. Our commitment is to provide projects on time with the highest standards of quality, safety, and professionalism.





Hard Services

Servicing of Air Conditioning Plants and General MEP Services for all types of property on a contractual or one-off basis

- **All Air Conditioners Including Window Units, Split, AC's, Roof-Mounted Air Cooled Units and Centrifugal Chillers**
- **Electrical Services Including Load Balancing**
- **Installation of Domestic Appliances**
- **Plumbing and Drainage**
- **Water Pumps and Water Heaters**
- **Swimming Pools**
- **Garage Doors, Barriers and Generators**





Soft Services

leaning of offices and residential buildings, shopping malls, floor maintenance, apartment and villa cleaning plus external window cleaning as well as water tank cleaning. TAD TFM is using different materials and sustainable chemicals for different parts of the building:

- Choosing the correct products to clean different areas
- Simplifying the personnel training about the use of Products
- Making the monitoring easier for the supervisors when
- Performing a better cleaning standard and prevent bacteria cross-contamination
- Saving time for the operators in supplying the products
- Advanced Cleaning German Standard by Vermont Cleaning System





Catering Services

TAD provides food and beverage to clients for various events, contracts offering customized menus, professional staff, and a range of cuisines to meet specific event needs and dietary restrictions

Our Catering Service Categories :

- 1. Industrial Catering**
- 2. Health care Catering**
- 3. Educational Institute Catering**
- 4. Onshore & offshore Catering**





Specialized Services

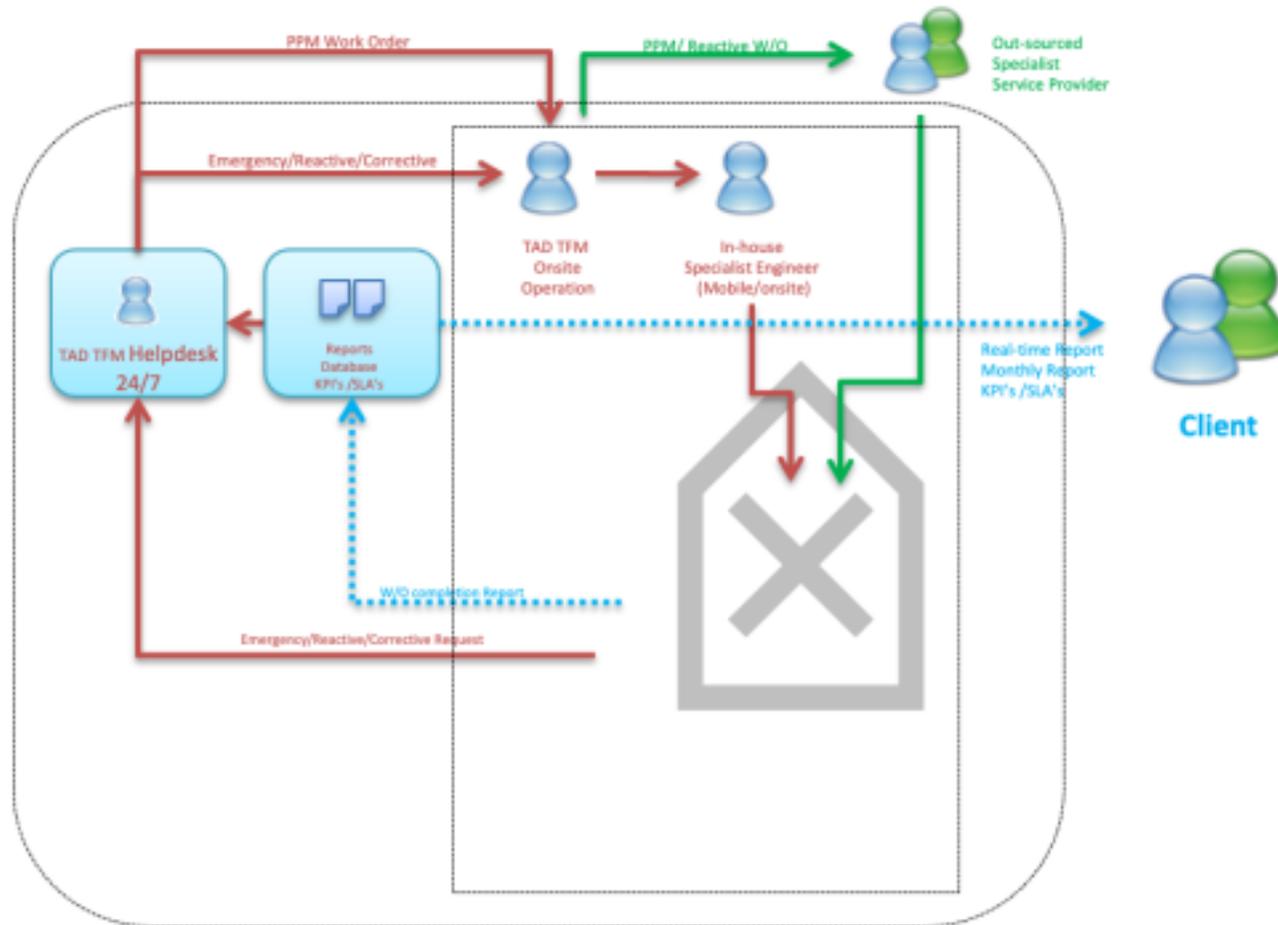
TAD TFM through its in-house team or approved subcontractors can provide below specialist services:

- Fire alarm and fire fighting systems
- Elevators and escalators
- External façade and window cradle cleaning
- Pest control
- Landscaping
- BMU maintenance
- Gate Barriers
- CCTV
- Security systems
- Diesel generators maintenance
- Swimming pools maintenance
- Rope access cleaning





TAD Innovation 1 - TFM Single Point of Contact - Process



The concept is to manage clients buildings and form a single point of contact for all required services as follows:

- Preventive maintenance
- Reactive maintenance
- Cleaning
- Security
- Specialized services
- Energy and utility
- Monthly reporting



TAD Stakeholders and Success Partners

Technology Partners



Sustainability Partners



Own Building Technologie



Dedicated Sustainability Department



Green Team



Development



Dedicated TEK Department



Partner Eco System

“To build a Brand that is acknowledged as a market leader in the region in the provision of Professional Total Smart and Sustainable Facilities Management solutions & services”



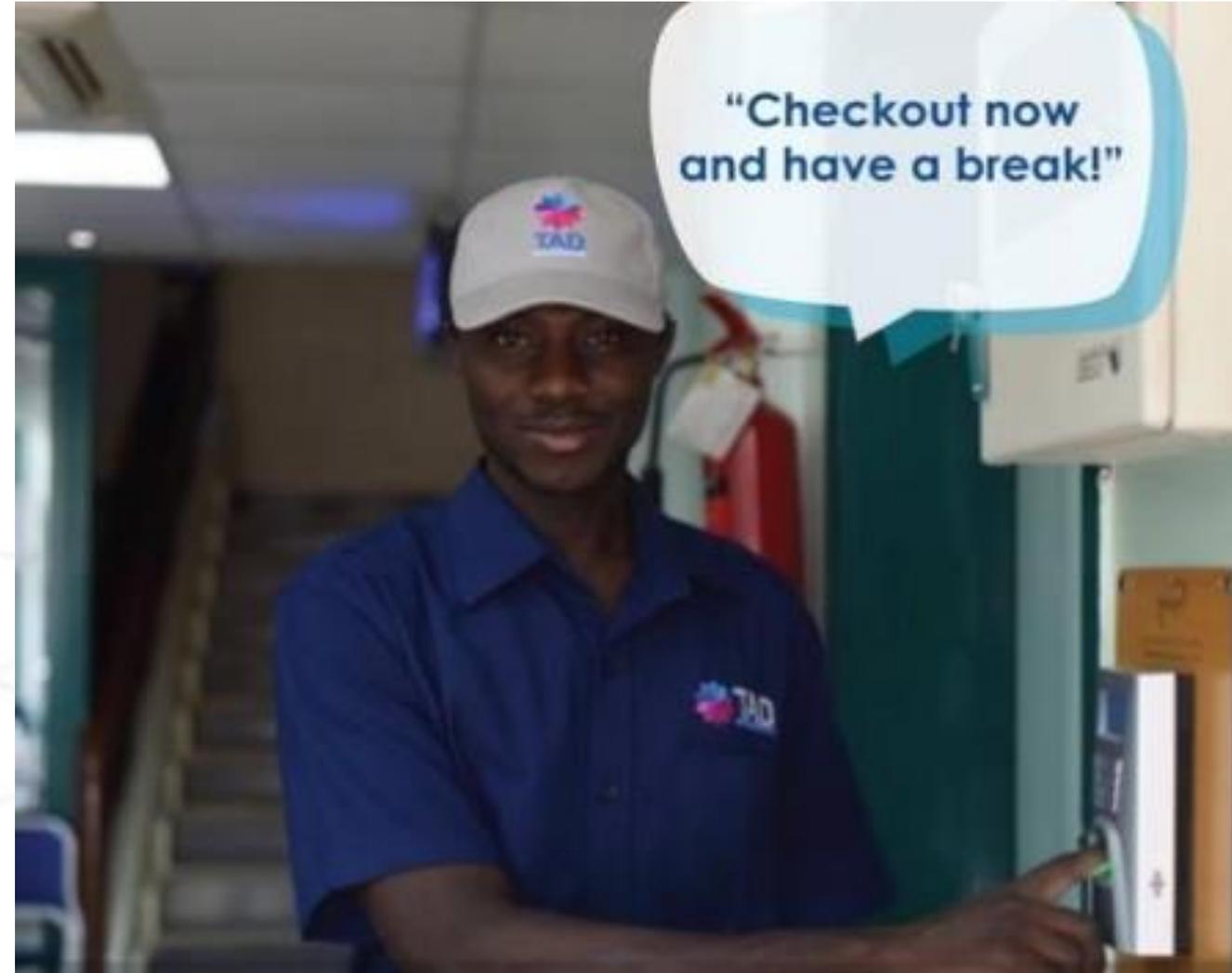
TAD Innovation 2 F M – SLA & KPI-Predefined





TAD Innovation 3 – People Management

Today Tad is more than proud to achieve a new milestone in FM market in Sudan by cooperating with E_Transaction , Sudan based electronic paymentsolution provider to roll out their payroll ATM Sahia cards among more than 250 TAD employees as accepting payment from customers debit cards using sales point
Technicians and cleaners are more than happy to receive their ATM Cards for the first time in their lives
Salaries became hasslse free
customer payment become more conenient
this facility will benefit TAD, its employees and its customers , by optimising its operaional efficiency introducing advanced system improving accountability managing risk better and delivering a higher quality of service through electronic psyment.





Effecting of Sewage Leakage in Basement Floor:



TAD Innovation 4 - Standard Operating Procedures SOPs

High pressure cleaning

for removal of adherent, engrained and coarsed dirt on machines, façades, industrial floors etc. with portable and mobile HP cleaners

1. Cold water cleaners, warm water (vapour) cleaners

Water flow 600-1800 l/h
Pressure 5-180 bar
Temperature 20°-150°C



2. Preparation of the cleaning solution, dilution device on the HP cleaner

First water, then add correspondent detergent. Observe the dilution instruction on the label and the dilution table on the HP cleaner.



3. Spraying (pre-spraying) of the cleaning solution

In case of HP cleaners with pressure control, spray on the surface (max. 50 sq. m.) with low pressure and the spray lance. In case of HP cleaners without pressure control, pre-spray with compression sprayer.



4. Allow the cleaning solution to act

Do not let dry, if necessary spray once again. Depending on the kind of dirt 5 to 15 minutes.



5. HP cleaning procedure, spray evenly on the surface with water and high pressure with HP spray lance

Treat the vertical surface from down to the top in order to allow the dirty solution to drain over the wet and clean surface. Divert the dirty solution over a channel or collect it in a container.

6. Observe implementing regulations and Water Resources Act

The dissolved dirt is not allowed to seep in the earth or to be diverted over the rain water canalisation.

Surface cleaning

for removal of dirt on all washable surfaces
- walls - doors - furniture



1. Dilution, preparation of the cleaning solution

First water, then add detergent. Observe the dilution instruction on the label.



2a. Wiping with a cloth

immerse in the cleaning solution, rinse and squeeze out. Wipe the surface.



2b. Intensive cleaning with a cloth

immerse in the cleaning solution, rinse and squeeze out thoroughly. Wipe the surface with the wet cloth, then wipe with squeezed out cloth. The surface should only remain humid. Rinse out the cloth often, in order to optimize the capacity of suspending dirt.

Wet cleaning with scrubber dryer

the efficient cleaning with scrubber dryer on water-resistant, dense or protected floor surfaces



1. Preparatory work

If necessary put up the chairs. Sweep the inadharent dirt. If it is required to sweep without dust, use damp flat mop or gauze cloth.



2. Preparation of the solution

First water, then add detergent. Observe the dilution instruction on the label. If a Server (filling system for scrubber dryers) is used, put the cleaning solution through the hose in the fresh water tank.



3. Wet cleaning with scrubber dryer or scrubber with cylindrical brushes

Adjust the scrubber dryer. Press down the vacuum unit, open the fresh water supply (cleaning solution) corresponding to the driving speed, set down the brush. Treat the floor surface in straight and overlapping paths. The floor surface between brush / pad and vacuum unit has to be evenly wet. The vacuum unit is only efficient on wet and not on damp floor surfaces! Only an intact and clean vacuum unit guarantees a good vacuum result. On protected floor surfaces you should only use soft pads or brushes! Floor surfaces which cannot be reached by machine, can be wiped in one or two stage cleaning.



4. Maintenance

Change the batteries of the battery-powered machines in time. Otherwise the batteries will be harmed.

Sanitary cleaning

Cleaning of wash-basins, showers etc.



1. Wash-basins with fittings

Spray the sanitary cleaning concentrate or the recommended solution sparingly on a cloth and wipe the surface. If an acid routine cleaner is used, the fittings have to be wetted before. Rinse the cloth or sponge with clear water. Wash the surface once again and treat it with wrung out cloth / sponge. It is not necessary to remove the remaining humidity.



2. Toilet bowls

Spray sanitary cleaning concentrate under the rim of the toilet bowl (interior), then rub off dirt with the toilet brush.

Leave the toilet brush in the bowl until having flushed.



Caution, avoid propagation of germs

Do not use cloths or sponges destinated for the toilet area on other surfaces and only rinse them off in the red bucket.



Removal of stains

for removal of stains on textile floor coverings

1. Act immediately.
2. First take off carefully coarse or solid dirt with a spoon or knife and dry or vacuum immediately with a clean soft cloth.
3. Identify the type of stain and treat it in accordance with the stain removal table.
4. Before using the stain remover Carp-Deta, always test on an inconspicuous spot to see if the covering is colourfast.
5. Do not spray on the stain but on the cloth. Treat the stain carefully from outside to in and allow to act.
6. Then dab away the stain remover and the dissolved dirt with a clean and dry cloth. In case of stubborn soil use Carp-Deta with spray extraction method and hand adapter. Finally extend the pile in the opposite direction.



TAD Innovation 5 - Spaghetti Mop Vs. Flat Mop

- cross contamination
- Increases cleaning time.
- Increased chemical and water usage.
- High consumption of mops





TAD Innovation 6 - Color Coding System



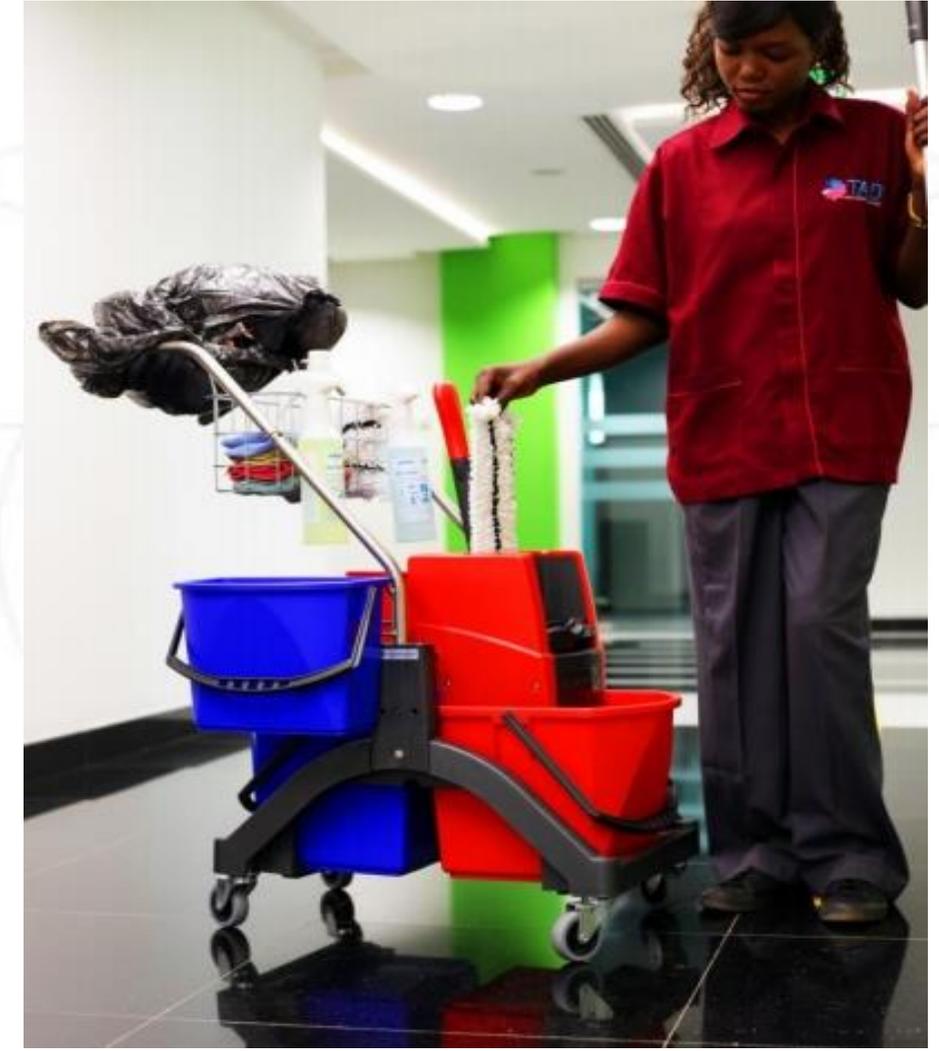


TAD Innovation 7 - Trolleys

1 Press the dosing pedal using the holder

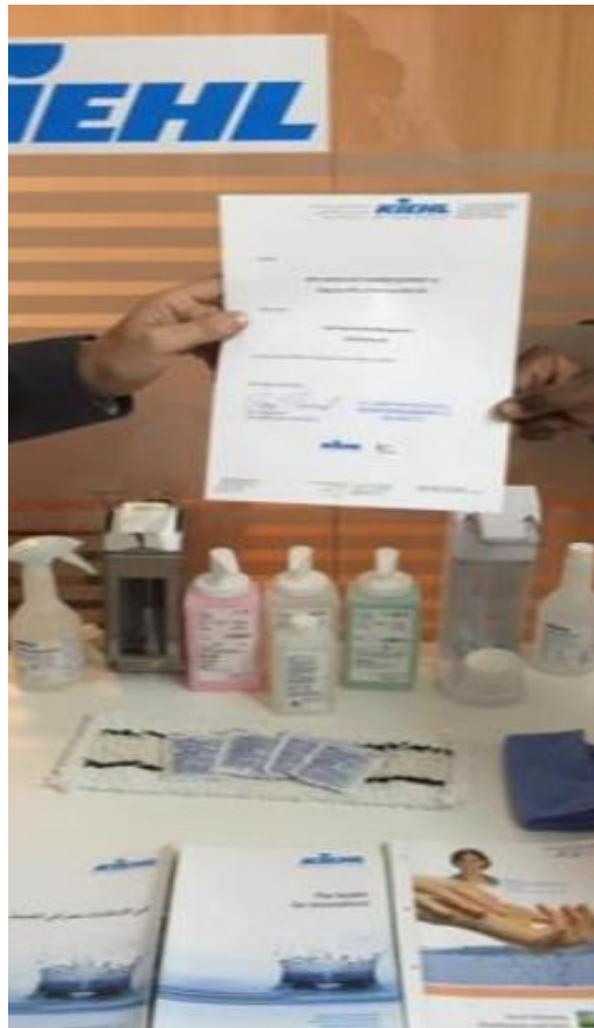


2 Dosed moistening of one side of a mop





TAD Innovation 8 - Chemicals



ARENAS[®]-wash

Highly-concentrated liquid detergent

Features
 Active ingredients: 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water.

Ingredients
 Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate, Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate, Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate.

Application
 Suitable for use on all water-soluble surfaces, objects and floor coverings.

Directions
 Surface cleaning: Apply with spray nozzle to wet surface. Rinse with clean water.

Surface	ARENAS [®] wash	ARENAS [®] wash	ARENAS [®] wash
Washing machine (12 wash)	1.00 g/l	1.00 g/l	1.00 g/l
Washing machine (12 wash)	1.00 g/l	1.00 g/l	1.00 g/l
Washing machine (12 wash)	1.00 g/l	1.00 g/l	1.00 g/l
Washing machine (12 wash)	1.00 g/l	1.00 g/l	1.00 g/l

Textile washing and ProMop[®] System

Aktiv-Duft

Air-freshener concentrate for sanitary areas

Features
 Active ingredients: 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water.

Ingredients
 Citronellol, Geranyl acetate, Linalyl acetate, Linalool, Citronellol, Geranyl acetate, Linalyl acetate, Linalool.

Application
 Suitable for use on all water-soluble surfaces, objects and floor coverings.

Directions
 Apply with spray nozzle to wet surface. Rinse with clean water.

Toilet hygiene

Sanikal

Hygiene in sanitary rooms

Features
 Active ingredients: 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water.

Ingredients
 Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate, Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate.

Application
 Suitable for use on all water-soluble surfaces, objects and floor coverings.

Directions
 Surface cleaning: Apply with spray nozzle to wet surface. Rinse with clean water.

Sanitary cleaning

Iodex

Iodine stain remover

Features
 Active ingredients: 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water.

Ingredients
 Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate, Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate.

Application
 Suitable for use on all water-soluble surfaces, objects and floor coverings.

Directions
 Surface cleaning: Apply with spray nozzle to wet surface. Rinse with clean water.

Disinfection

Tornado Concentrate

Power cleaner

Features
 Active ingredients: 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water.

Ingredients
 Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate, Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate.

Application
 Suitable for use on all water-soluble surfaces, objects and floor coverings.

Directions
 Surface cleaning: Apply with spray nozzle to wet surface. Rinse with clean water.

Routine cleaning

Veriprop Concentrate

Ultra-moistening cleaner

Features
 Active ingredients: 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water, 20% active ingredients in 20% water.

Ingredients
 Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate, Sodium lauryl ether sulfate, Sodium lauryl ether sulfonate.

Application
 Suitable for use on all water-soluble surfaces, objects and floor coverings.

Directions
 Surface cleaning: Apply with spray nozzle to wet surface. Rinse with clean water.

Routine cleaning



TAD Innovation 8 - Chemicals

Code	Product	Application
J251710	ECona	Surface Spray Bottles
J251754	Econa	Floor
J400210	Sanikal Eco	Sanitary
J250110	Tornado	Power Cleaner/Window
J350354	Desinet Campact Concentrate	Disinfection
J450101	Aktiv-Duft	Air-freshnerconc. For sanitaryarea
J150410	Copex	Floor Stripper
J200205	ThermoDur	Floor Coating
J221005	Parketto care	WoodenFloorLaminate
J500347	Eloxa Prima	StainlessSteel Polish
J500105	Tablefit	Plastic and Dust Cleaner
J400310	Santex-plus	Sanitary Deep Cleaner
J550405	Grasset	Grease Remover - Food Production H
J551047	Xon-forte	Oven Cleaner - Cooker Cleaner
J550310	Blutoxol	Kitchen disinfectioncleaner
J350447	Rapides	Spray Disinfectant - fast acting
J400201	SanikalEco	Sanitary
J250101	Tornado	Power Cleaner/Window
J251754	Veriprob	Floor



TAD Innovation 9 - Energy Management and Sustainability

In all our activities, TAD TFM cares about the environment and provides our customers with the newest technologies and know-how available to reduce the carbon footprint and save costs.

- Full Energy Audits
- Application of latest energy saving techniques and technologies to existing buildings / installations
- Application of latest energy saving techniques and technologies to new designs
- Energy Monitoring and Management
- Energy Benchmarking
- CO2 - Carbon Footprint Calculations
- CO2 - Carbon Reduction Program



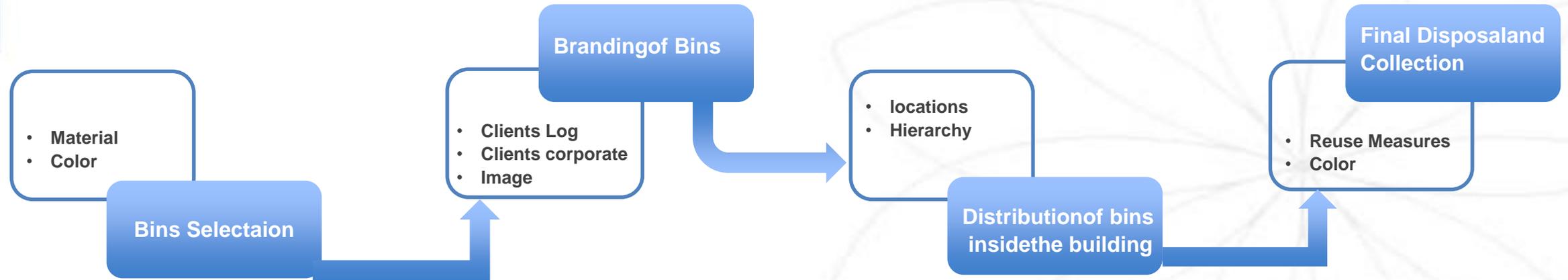


TAD Innovation 10 – Machinery and Tools





TAD Innovation 11 – Waste Management Strategy - Sustainability

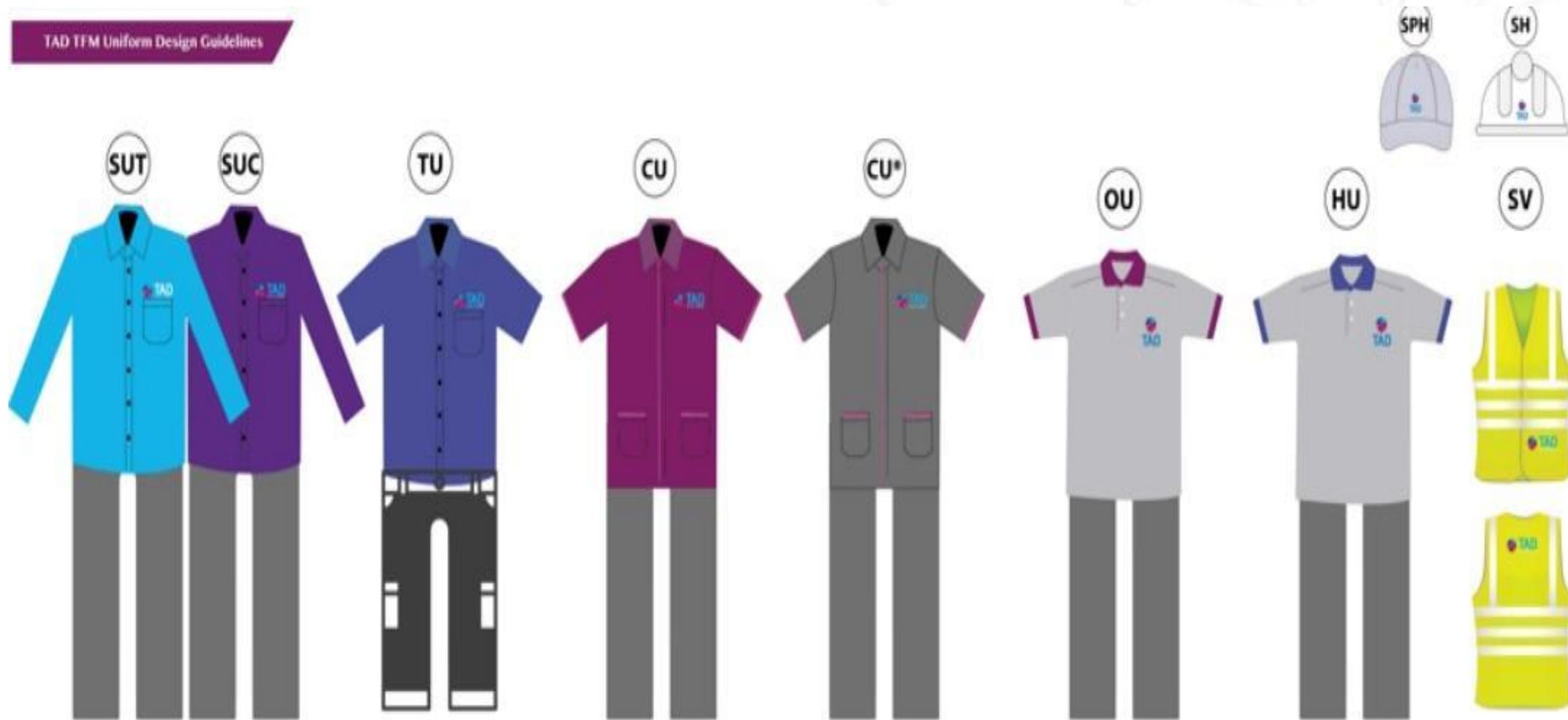




TAD Innovation 12 – Uniform

inline with clients corporate image [Grooming Standard]

TAD TFM Uniform Design Guidelines





Clients Sudan





Why TAD?

- Professional service
- One stop shop for facilities management
- High standard – inline with ISO 9001, ISO 14001 & ISO 41001
- Speed–Emergency response starts at 15min.
- Transparency
- Value for money
- 24/7 helpdesk