



**A REVOLUTIONARY GAME CHANGER TECHNOLOGY
FOR ALL INDUSTRIAL WATER USERS**

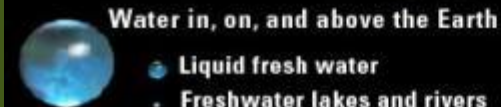
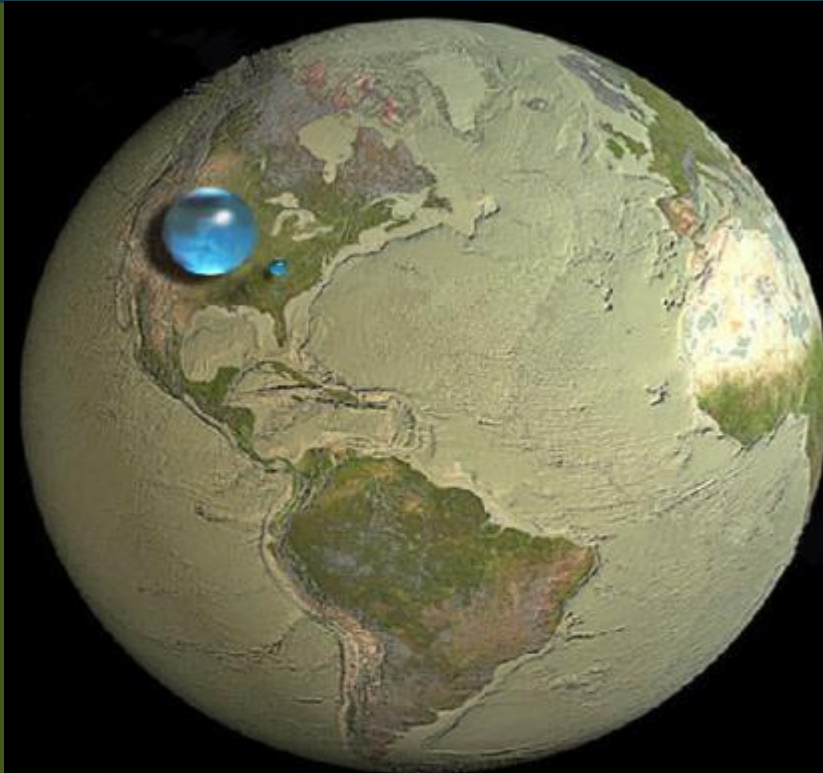
www.kikotechnology.org

WHAT IS HAPPENING TO OUR EVERY DAY WATER ?

Today's water is overstressed – only 0.3% of Earth's water (e.g. of 330 million cubic miles) is available for drinking or irrigation since time memorial.

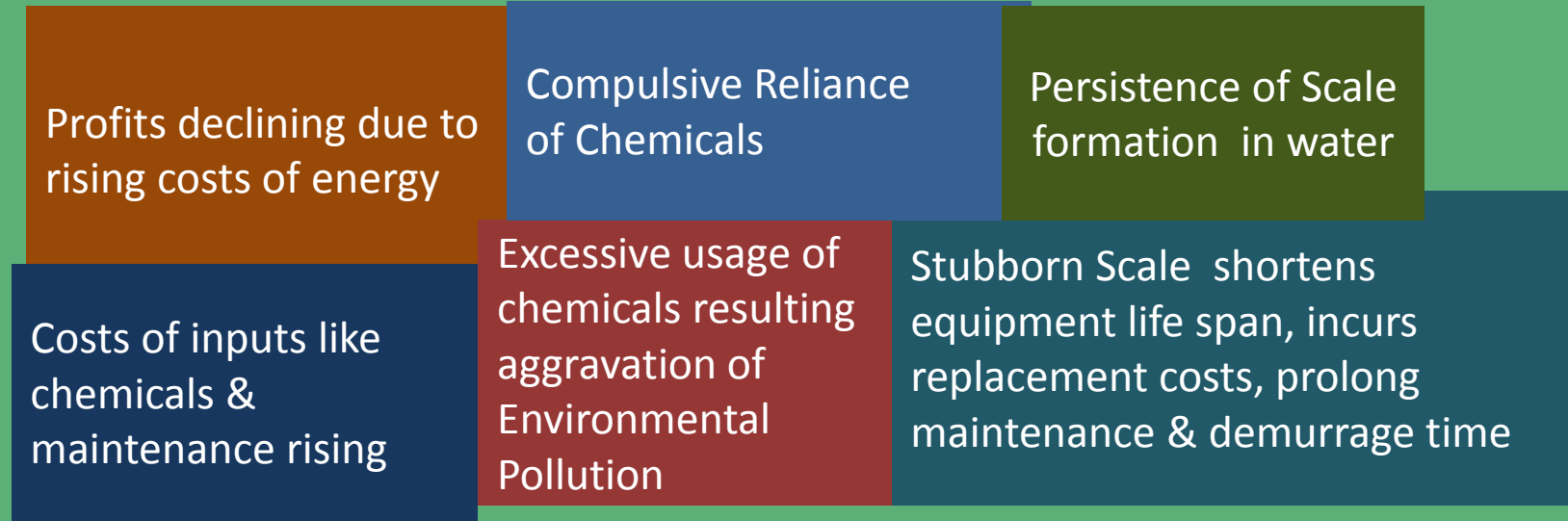
The cause? Increased population and heavy industrial atmospheric pollutants.

The net result? Our everyday water vibrates slower than 70 years ago causing less crop yields, soil eco-imbalances, higher input costs, deteriorating health.



Howard Perlman, USGS
Jack Cook, Adam Nieman
Data: Igor Shiklomanov, 1993

THE RESULTS OF YEARS OF IMBALANCE



Question Is “How Can We Improve These Teething Situations ?”
“Most People Only Treat The Symptoms Not The Cause !”

WHAT CAN KIKO TECHNOLOGY DO FOR INDUSTRIAL ?

“GAME CHANGING”
Scale Removal Function

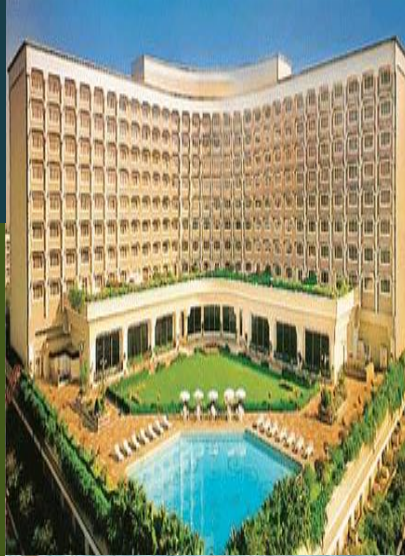
100% Green Technology

No Chemicals Required

No Maintenance Needed at all,
KIKO works round the clock
24/7

Completely Balance

Energy Saving



THE BIRTH OF KIKO TECHNOLOGY 'S KINETIC ENERGY DELIVERY SYSTEM

Mr. James T Osugi “KIKO Technology’s Founder” after graduating with Dean’s honors from California State University as a mechanical engineer followed his three older siblings and joined the NASA “Man to Moon” project in 1969 – all have invented history changing systems that are still used in everyday life.

Mr. Osugi participated in the second–stage propulsion unit for NASA, co-authorizing two patents on cryogenic hydrogen and cryogenic oxygen – the very molecules contained in water Adopting an application of Physics called “Phonon Molecular theory”, he invented the Kinetic Energy Delivery System that delivers highly energized water upon immediate contact.

KEDS is 100% effective all of the time which delivers amazing results, restoring greater balance to living organisms, increases profitability and decreases input costs – simply by allowing everyday water to vibrate at its natural frequency (scientifically measureable and proven over 300 case studies).

WHAT IS KIKO TECHNOLOGY ?

Due to environmental pollution buildup over the past 70 years, our everyday water simply vibrates slower than what it should.

KIKO Technology increases everyday water's natural vibration, in turn, to increase its kinetic energy multi-fold, akin to a "tsunami" - recall 2004 Indonesian tsunami spread 1500 miles in 3 hours yet in the middle of the ocean till it created tidal waves upon hitting land - e.g. science is harmonics.

The carrier of the KIKO Kinetic Energy Delivery System (KEDS) are natural volcanic stones from Japan charged under a proprietary know-how – this carrier allows water molecules to vibrate or resonance three times faster than the speed of a 747 jet – hence the "tsunami analogy".



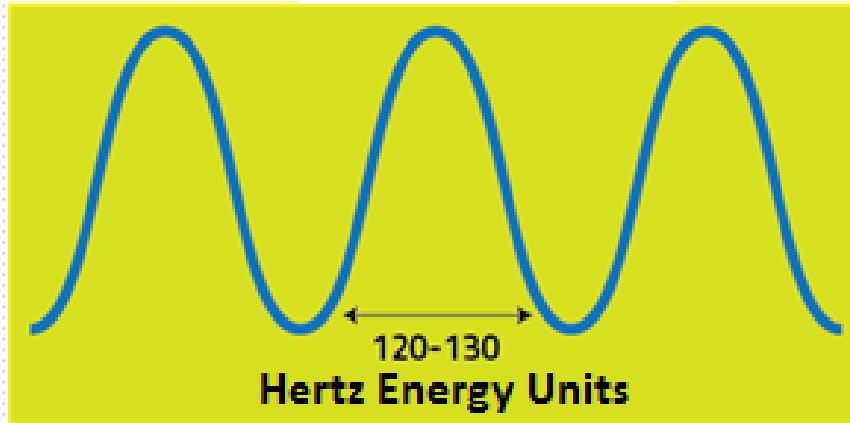
SIMPLE & EASY INSTALLATION

- Immerse pre-determined set of cartridges continuously in HVAC's water cooling basin & condenser's make up water tank.
- Install cartridges to connect & conceal to any water inlet line to Boiler/Heat Pump/Steamer/Heating System.
- Suspend cartridges beneath water surface continuously in the Water Tower/Tank.

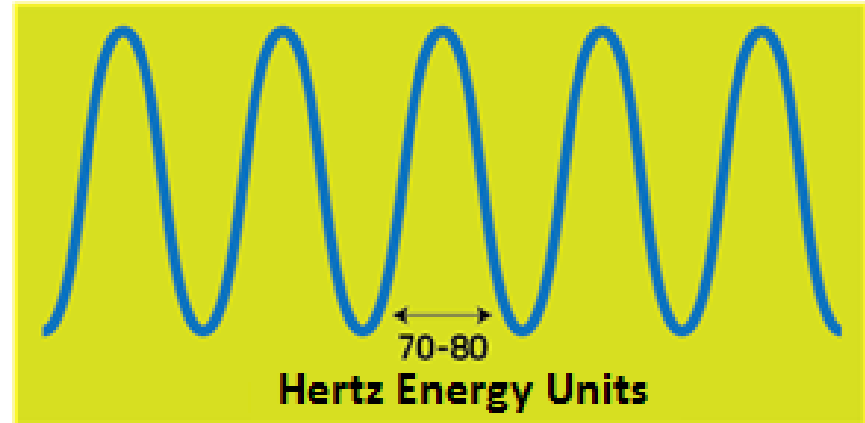
INCREASE WATER HARMONIC (FREQUENCY)

KIKO Technology increases molecular vibration of water. Faster vibration enables molecular separation and absorption of Far Infrared Energy up to 90%. Normal performance is then evident in all water systems.

Today's Water -SLOW Vibration



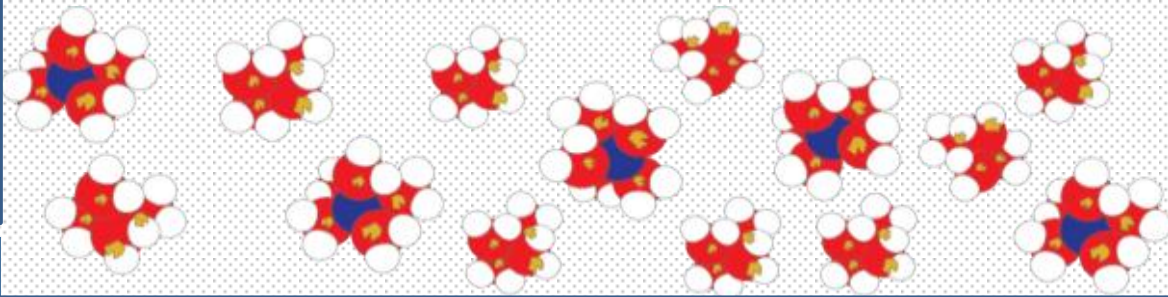
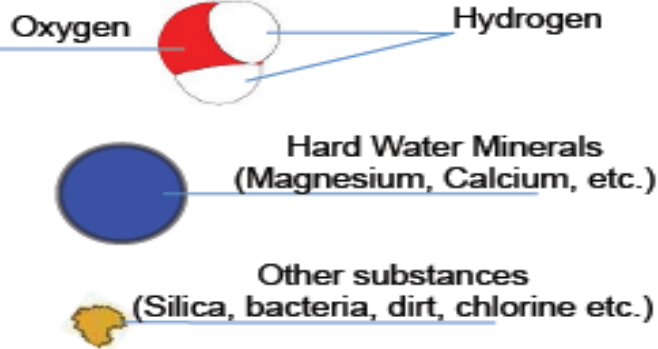
Kiko Treated Water -FAST Vibration



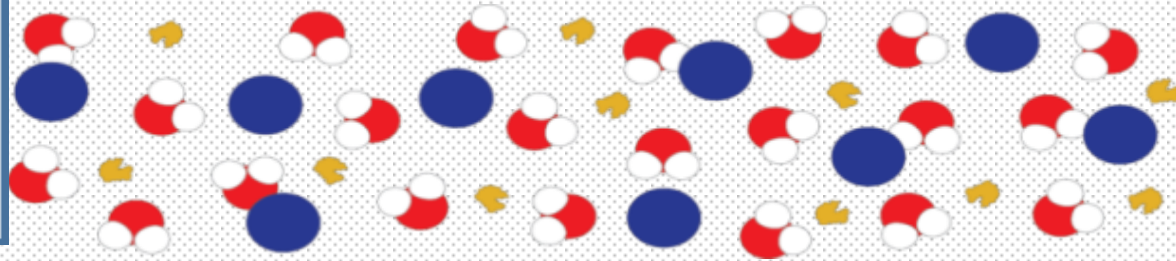
Energy Levels are measured in the distance peak to trough. The closer the distance the more energy present. Frequency levels are shown in Hertz Energy Units, this is the international measure of water vibration energy.

REDUCTION OF SURFACE TENSION OF WATER (SEPARATION)

DIFFERENT MOLECULES IN WATER



The above are larger clustered water molecules that bond minerals and other substances within. This contributes to hard water due to the size. Large molecular structure is typical of low energized water.



KIKO Technology KEDS energy breaks and separates the molecular bonds improving water quality at the molecular level making water clusters many times smaller. Reducing the surface tension of water (Molecular Separation). KEDS breaks down the surface tension between HOH molecules and other substances such as silica, chlorine, bacteria, calcium carbonate-phosphate-sulfate & other minerals bonded together, into a NANO molecular state which makes hard water 'feel soft'. This reaction separates scales & rusts adhered on equipment's inner surface.

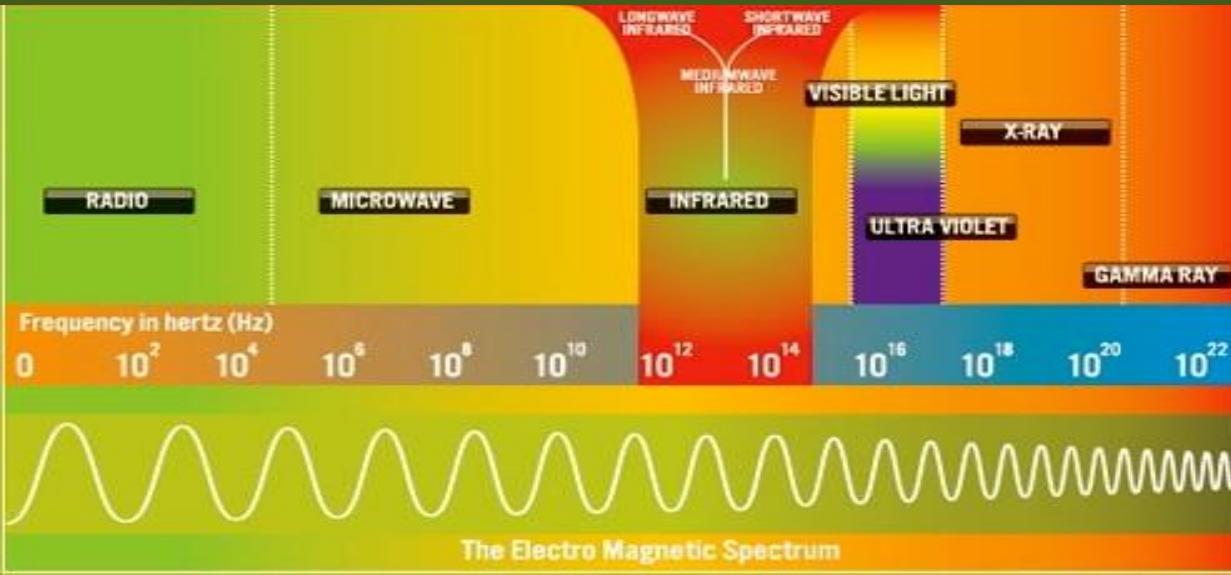
INCREASE THE ABSORPTION OF FAR INFRARED ENERGY (FIR)

FIR is responsible for growth, healing and regeneration in ANY living organisms.

All FIR energy are emitted by the Sun – a wave length just like Gamma rays, X rays, UV, Microwaves Infrared and Radio frequency – only light rays are visible to humans.

Today's slow-vibrating water absorbs only 4 – 10 % of the available FIR – insufficient.

For humans & live stocks, FIR influences the molecular cellular energy, assisting the immune defense system and blood and bodily water circulation.



KIKO allows ANY water to absorb 70% to 90% More FIR energy – due to phonon harmonic motion at the molecular level of Hydrogen and Oxygen.

Phonon molecular energy is mathematical and measureable (NASA techniques).

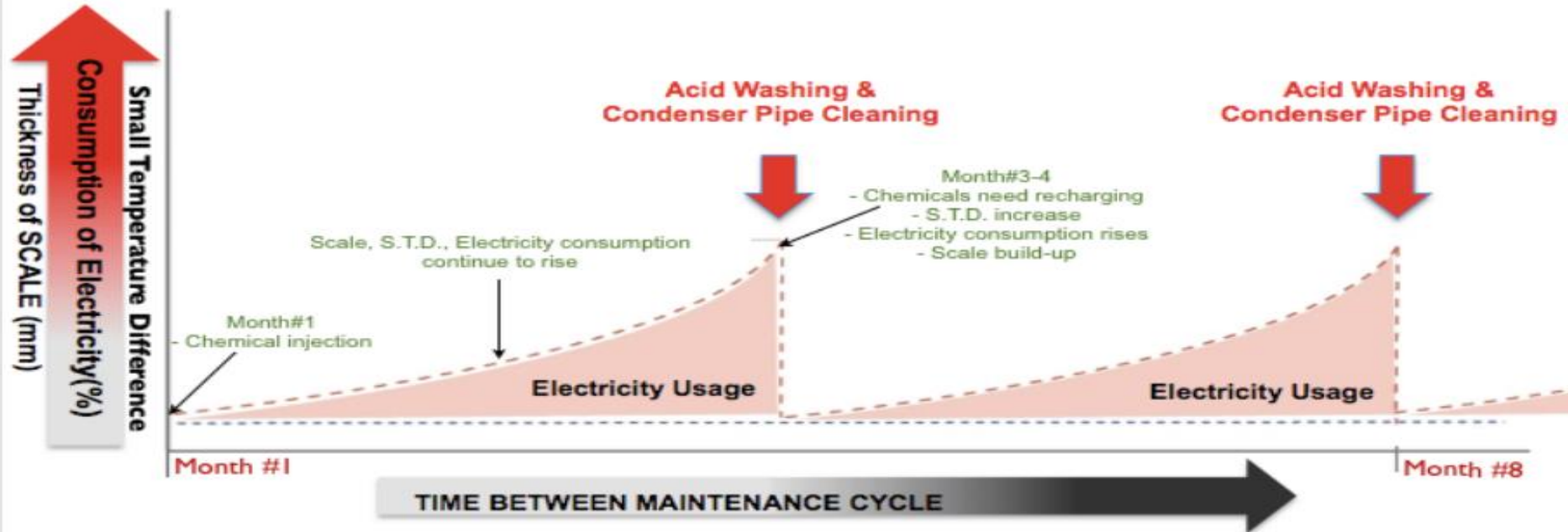
KIKO INDUSTRIAL DESCALING APPLICATIONS IDEAL FOR HVAC, BOILERS, HEATING SYSTEM & WATER TOWERS



Traditional “Reactive” chemical maintenance strategy on HVAC only exhibit a period of high efficiency at the beginning of the cleaning cycle & gradually lower its efficiency near the end of the cycle

Chemical Methodology

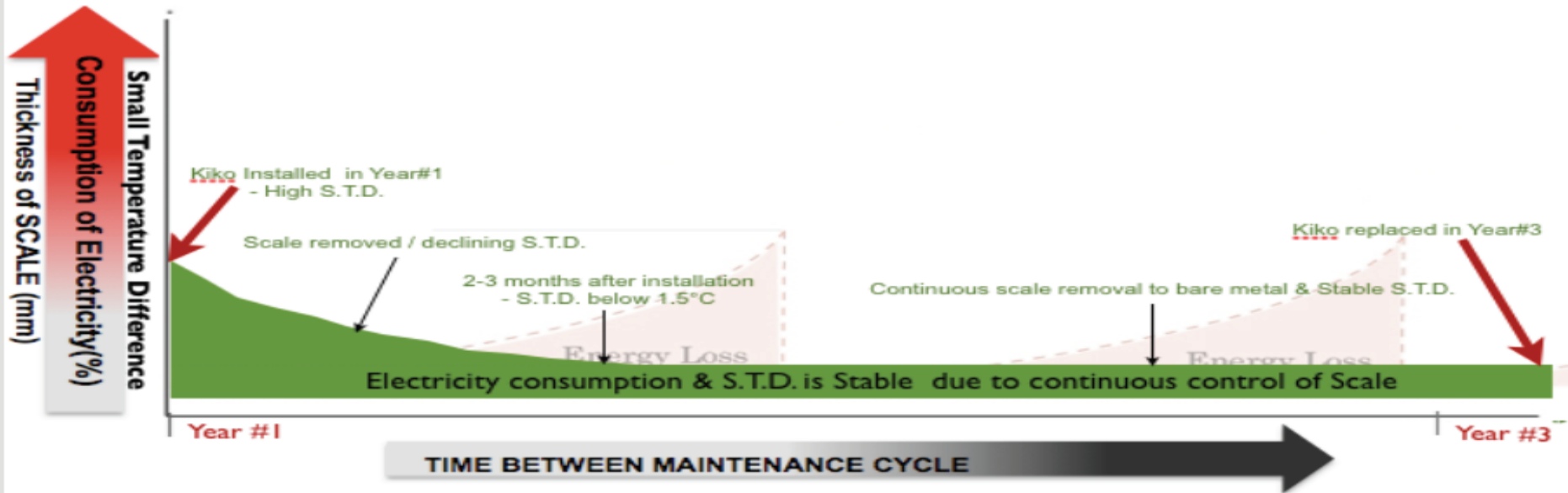
Typified by fluctuating electricity consumptions, S.T.D. and scale build-up in between maintenance cycle



KIKO Technology's "Preventive" maintenance strategy exhibit LESS fluctuation in efficiency over a longer period (up to 3 years) because the HVAC system remains free of scale & fouling throughout its installed period – Total elimination of toxic chemical cleaning cum optimizes energy usage

Physics Methodology

Typified by stable electricity consumption, S.T.D. and continuous scale removal throughout the maintenance cycle



KEDS energization allows scale and dirt particles to dislodge from all tubing, condenser and cooling tower equipment – within a short period of time the scale removal renders all systems clean.



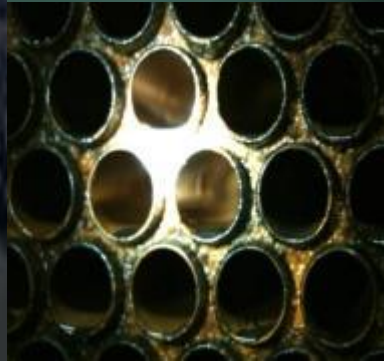
SCALE FREE HVAC CHILLER PLANTS IN CANTON TOWER PR CHINA AFTER KIKO

Installed into four YORK HVAC Chiller & Condenser towers 1st June 2011.

Inspected by hotels engineers nine months later on 2nd March 2012.
No scale or rust forming on the inner surfaces of all tubes, piping & cooling tower basins.

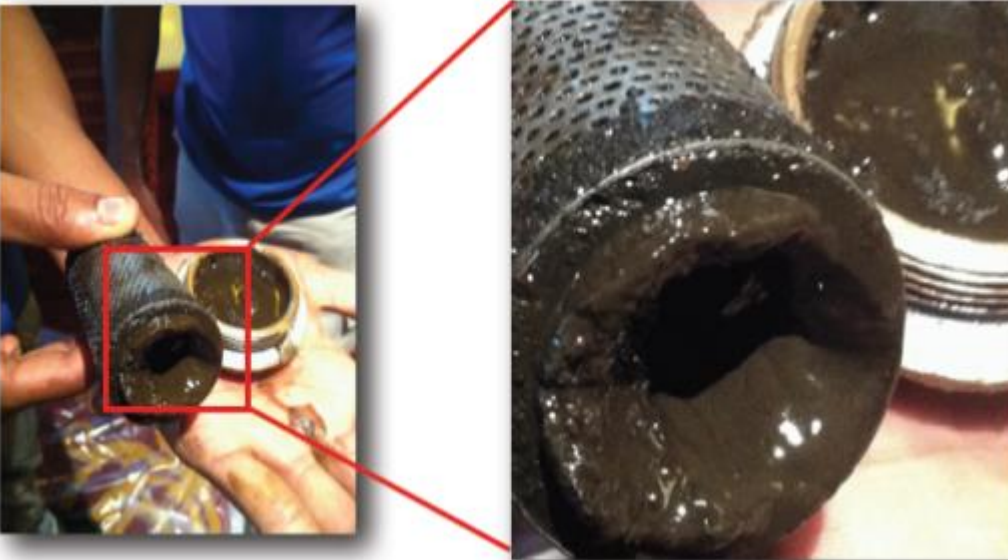
KIKO lowered the Condenser's Refrigerant Approach Temperature (RAT) from 5.5 C to 1.0 C, saving over 4% on energy costs.

Chemical Cleaning was totally eliminated.

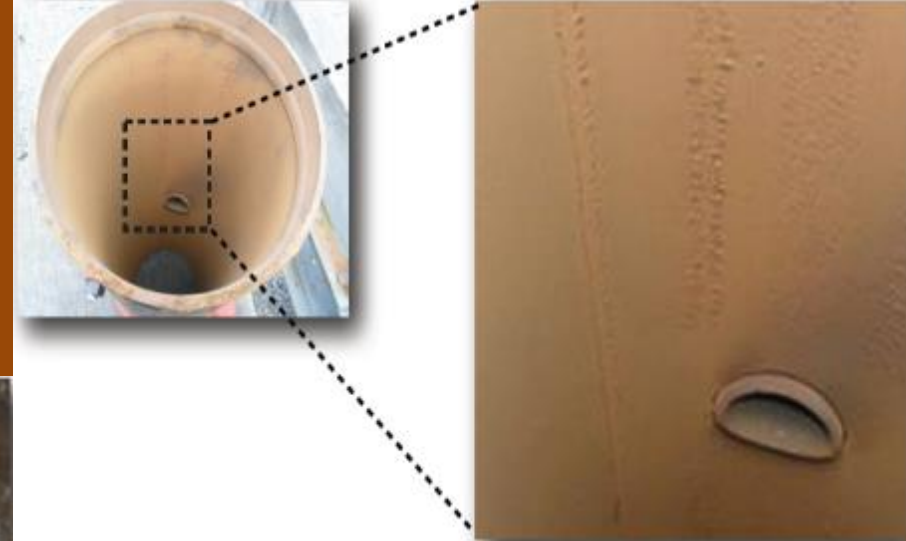


SHANGRI-LA HOTEL RESORT – SENTOSA, SINGAPORE

Following KEDS installation the AHU filter fouled with thick accumulated residues on the evaporator/chiller side. There was NO hard scale on its inner surface. All residues appeared as soft brown powder which can be easily flushed out by water. The heavy scale deposits were removed, reflecting 7 years of accumulation since the hotel was opened in 2003.



HEAT PUMP CLEANING – CANADA



A 25 year old heat pump closed loop system in a building in Canada. KEDS installed in Feb 2011.

When opened for inspection 6 months later, all piping was totally cleaned to bare metal.

KIKO REMOVED STUBBORN SCALE IN SANITIZER BOILER IN EMERGENCY DEPARTMENT, JOONDALUP HOSPITAL, WESTERN AUSTRALIA



Joondalup Hospital's sanitizer boiler after 12 Months operation was heavily scaled, causing equipment failure & needing replacement.



Same sanitizer after using KIKO four months later was totally cleaned & the equipment functions normally.

SCALE REMOVAL FOR HEATING SYSTEM IN UK - SAVING ENERGY

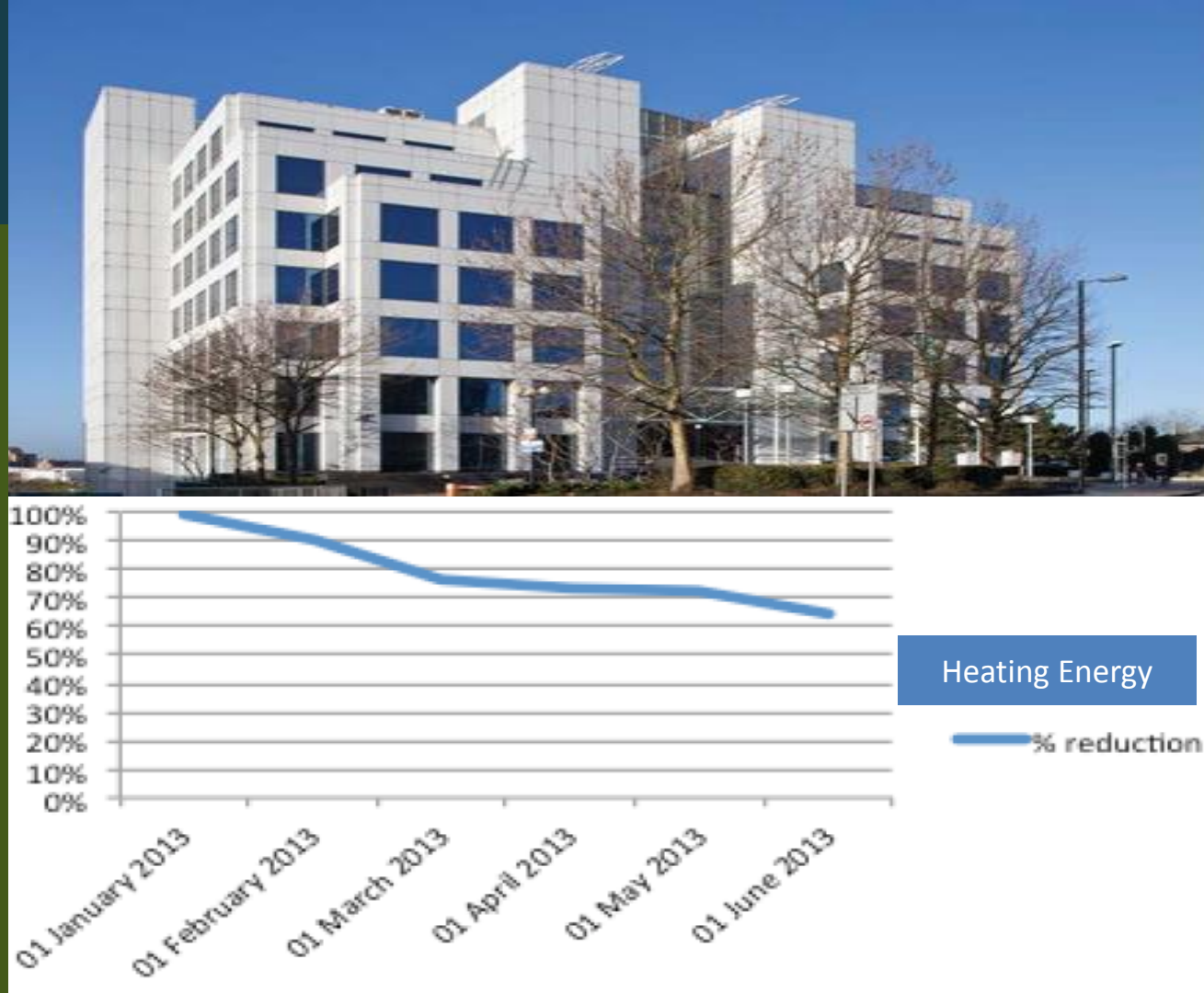
Skandia House, a 7 story commercial building in Southampton, England.

Results after installation of KEDS System from 7 Jan to 30 April 2013 :

Heating system totally cleaned,
no scale

Achieved 27% energy savings

Chemical cleaning eliminated
thence further savings obtained



SCALE REMOVAL, IMPROVING WATER QUALITY & PREVENTION OF DEMURRAGE FOR MARITIME INDUSTRIES

- Boiler, Steamer, Heating System totally cleaned round the clock, no scale, minimize legionnaire's.
- Reduce energy consumption.
- Eliminating chemical & labor cleaning, saving more costs.
- Prevention of demurrage as result of lengthy chemical type maintenance dwell time & water driven equipment down time.
- Scale free nozzle, piping, shower head, spa bath & pool on board.
- Improving water quality & further enhance food & beverage standards .



APPLICATION IN CONSTRUCTION & CEMENT PRODUCTION

Concrete tensile strength increased and shortening curing time – certified in research conducted by ASTEC, Material Testing Corporation, Philippine.

Multiple concrete test specimens' tensile strength was significantly enhanced after using KEDS energized water:

Tensile Strength At day 15	+590 Psi
At day 112	+990 Psi

Substantial construction material cost could be saved & improving building quality.



OTHER SCALE REMOVAL APPLICATIONS



Medical Nozzles & Equipment



Food Processing and Cleaning



Poultry Drip Feed Water Systems

WIDE APPLICATIONS FOR OTHER INDUSTRIAL SEGMENTS



COFFEE RETAILER

- Improved aroma
- Smoother palate
- Scale free boiler
- Clean nozzles & piping



BAKERIES

- Flour mixing time reduced
- Energy saving from time reduction
- Pastry quality improved
- Longer shelf life



LAUNDRIES

- Reduce detergent dosage
- Improved cleaning from soft water
- Reduced energy consumption
- Scale free washing equipment



CAR WASH &

WINDOW CLEANING

- Reduce detergent dosage
- Improved cleaning from soft water
- Reduce energy & manpower

SAFETY TESTS – COMPLIANCE WITH FDA CLEAN WATER ACT OF 1975

Test for Human Consumption

July 2010

TUV Laboratory
Singapore

The above results show that the sample complies with the requirements of SS 375 : Part 3 : 2001 'High Temperature Tests' and is deemed suitable for use in contact with hot water (85oC) Intended for human consumption.



PSB Singapore

Test for Chemicals released

Feb 2010

Mechem
Consultancy
PTE, Singapore

Test results were obtained by comparing same amount of tap water before applying Kiko stone and after applying Kiko stone. Findings: No chemicals was released from the Kiko stone.



Test for Leachable Lead & Cadmium

May 2008

Intertek Testing
Services, Taiwan

Tested for FDA compliance guideline on leachable lead and cadmium content for ceramic ware (Kiko stone). Findings: Comply with FDA guideline



Test for CFU of aerobic bacteria

Feb 2012

South East Water
Scientific Service,
United Kingdom

Zero CFU detected and treated water property does not exceeds the maximum PCV as defined in the UK's Water Supply (Water Quality) Regulations 2000



Test for Hunan Consumption

Aug 2012

Shenzhen
Academy of
Metrology &
Quality Institute

The test results show KIKO improves normal tap water softness, does not contain any harmful chemicals, safe for human consumption and conforms to PRC Health Standards





Reduce Chemicals

Minimize Environmental
Pollution

Achieve
A Healthy Planet



CONTACT US

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