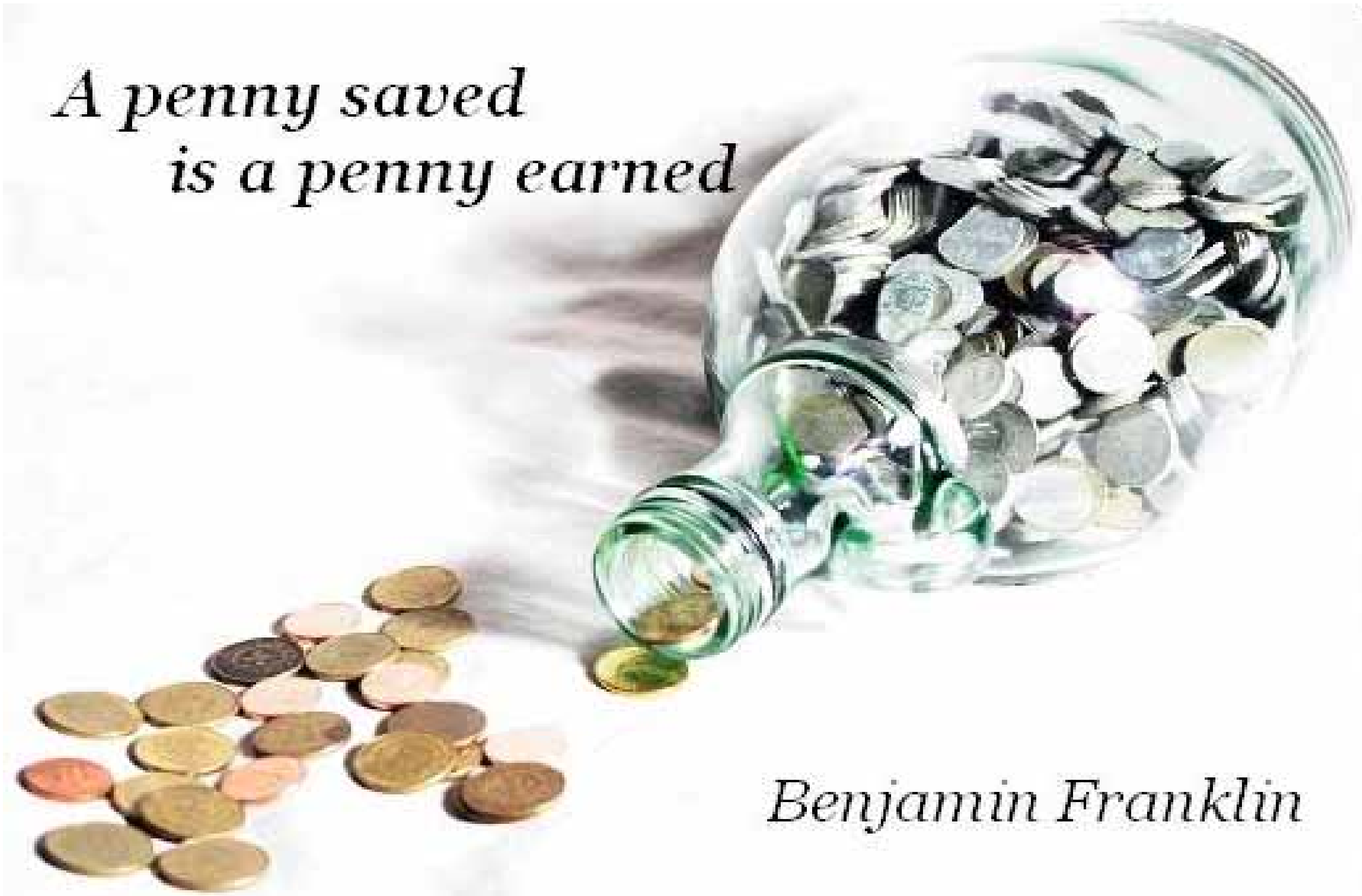
Sustainability and Profitability: complementing each other

sustainability

Profitability

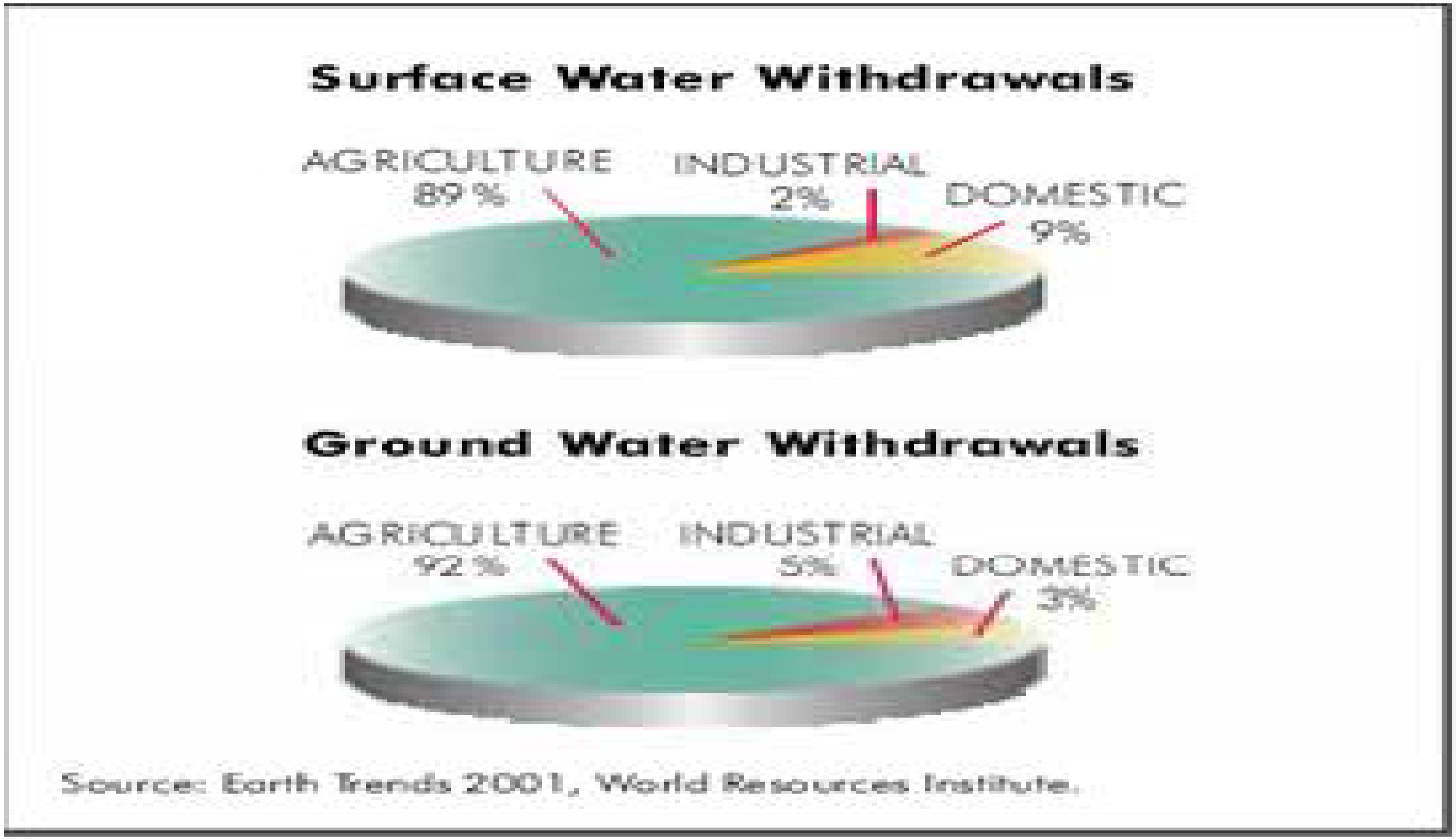


Factors Governing the sustainability - Processing industry

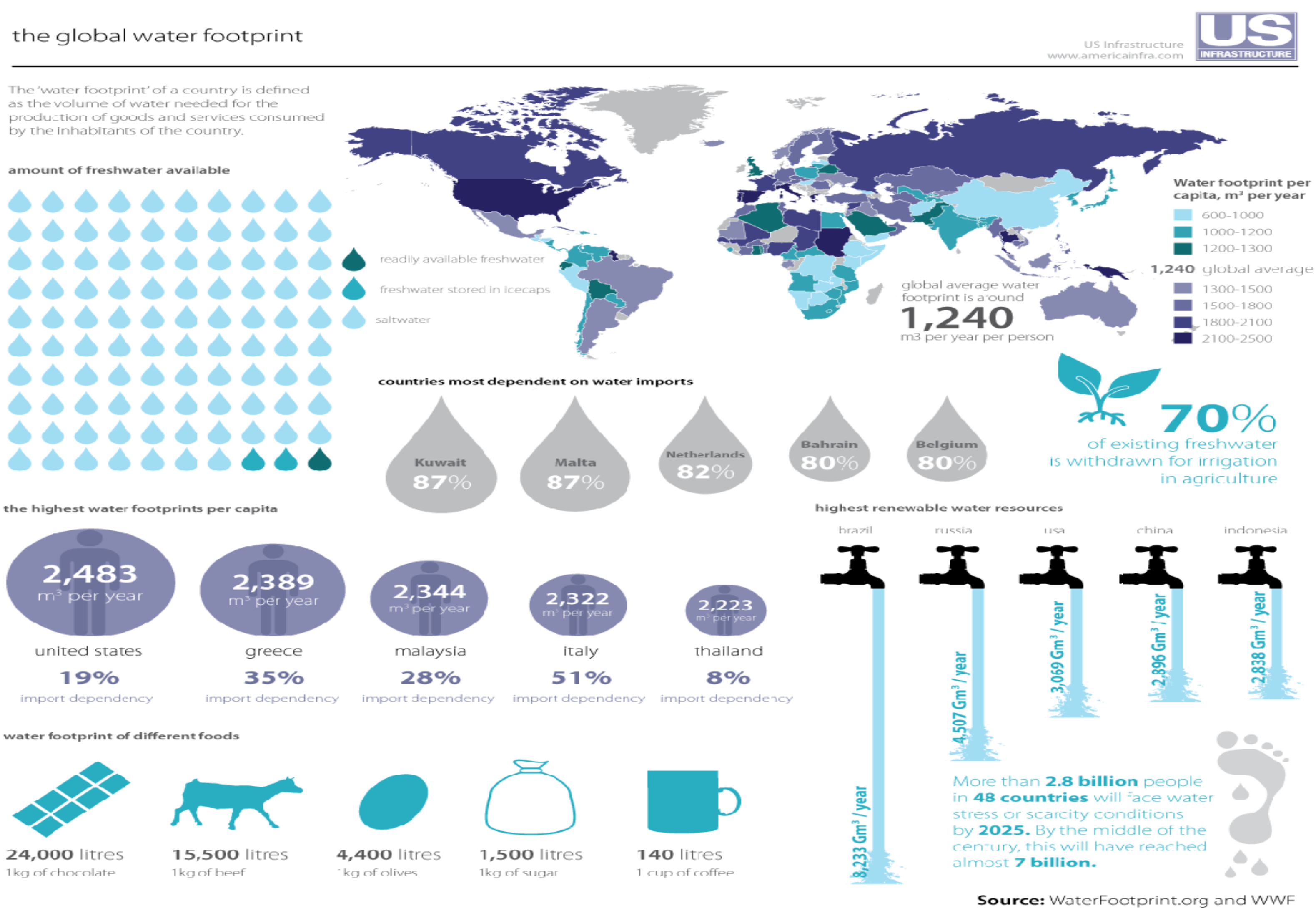
- **Technology savvy machines**
- **User friendly Technology**
- **Eco friendly Technology**
- **Optimum usage of water/ energy**
- **Optimum usage of Dyes and Chemicals**

Water Demand by Sector

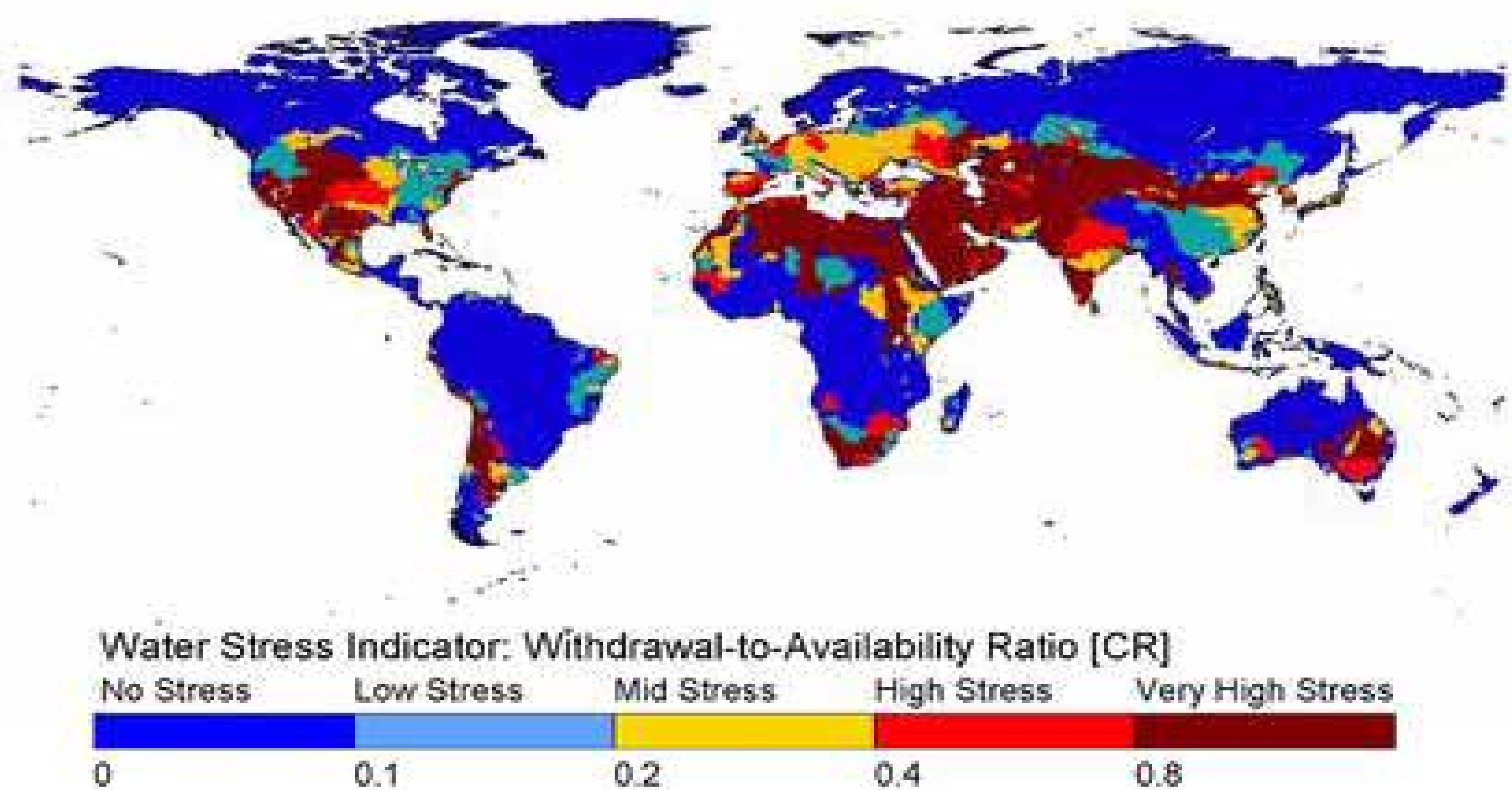
Source: Earth Trends 2010, World Resources Institute



The threat of a global water shortage

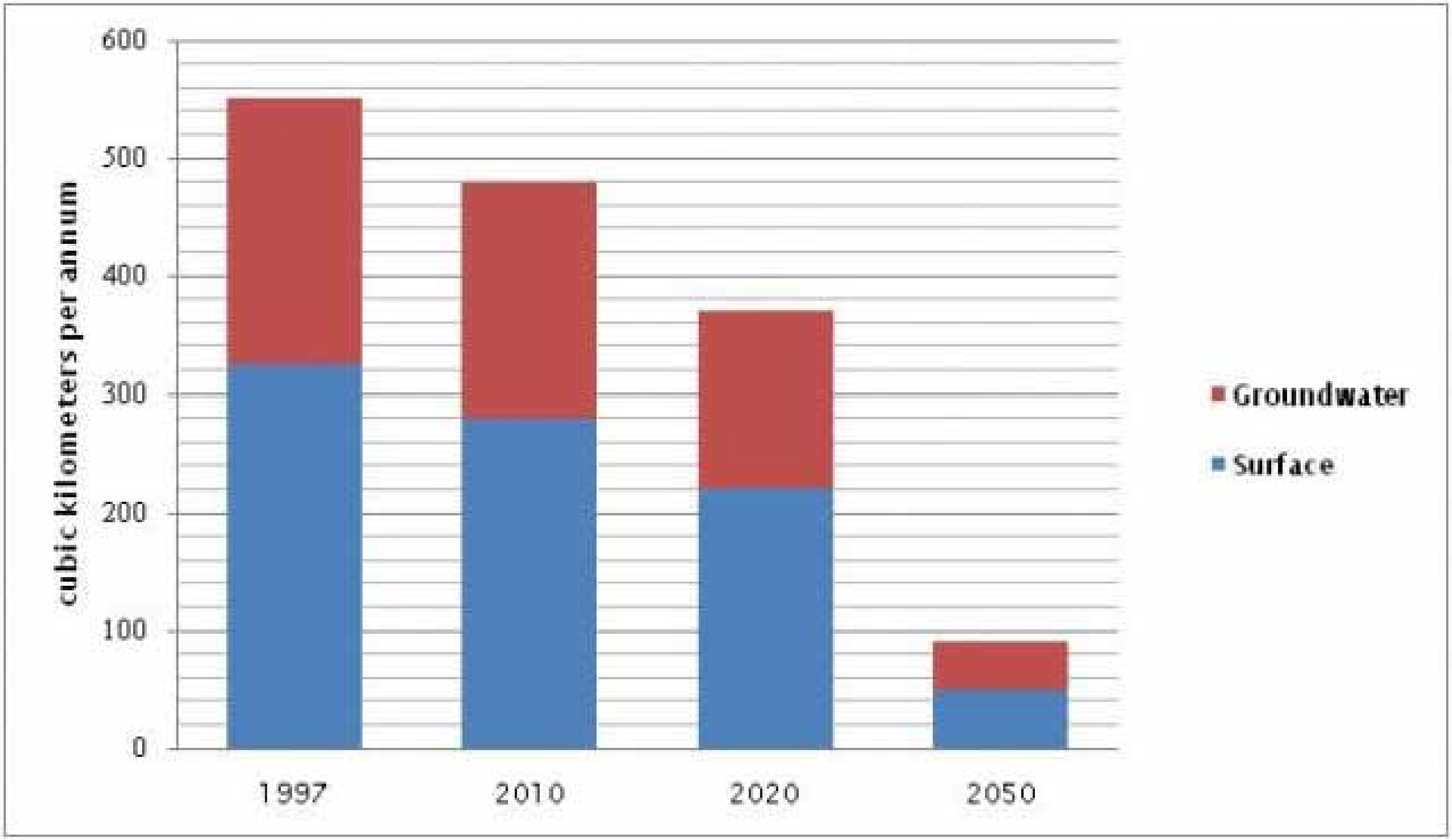


Source: WaterGAP 2.0 - December 2010



Surface Water and Groundwater

Source: World Bank Report on Water in India
Surface Water



water

- **884 million people lack access to safe water supplies; approximately one in eight people.**
- **Less than 1% of the world's fresh water (or about 0.007% of all water on earth) is readily accessible for direct human use.**
- **Agriculture is the largest consumer of freshwater by far: about 70% of all freshwater withdrawals go to irrigated agriculture.**
- **The US estimates that by 2025, forty-eight nations, with combined population of 2.8 billion, will face freshwater "stress" or "scarcity".**
- **Conserving water helps not only to preserve natural resources, but also to reduce the strain on urban wastewater management systems. Wastewater is costly to treat, and requires continuous investment to ensure that the water we return to our waterways is as clean as possible.**

Environment

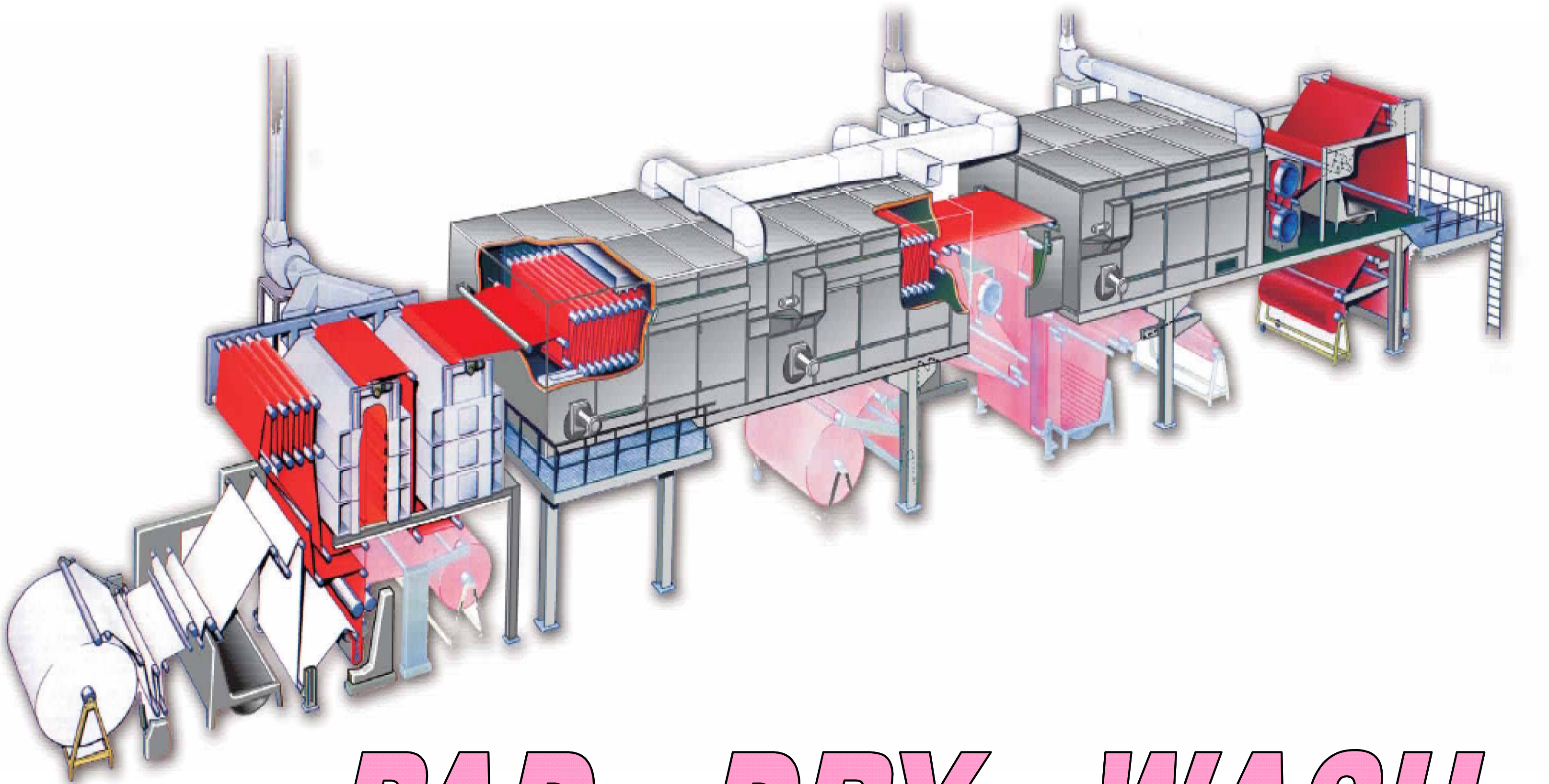
- At any given time, half of the world's hospital beds are occupied by patients suffering from diseases associated with lack of access to safe drinking water, inadequate sanitation and poor hygiene.
- More than 80% of sewage in developing countries is discharged untreated, polluting rivers, lakes and coastal areas.
- 3.575 million people die each year from water-related disease.
- Diarrhoea remains in the second leading cause of death among children under five years.
- Almost one-tenth of the global disease burden could be prevented by improving water supply, sanitation, hygiene and management of water resources.

"There is a water crisis today. But the crisis is not about having too little water to satisfy our needs. It is a crisis of managing water so badly that billions of people - and the environment - suffer badly."

e-control

Dyeing time....

Just 2 Minutes

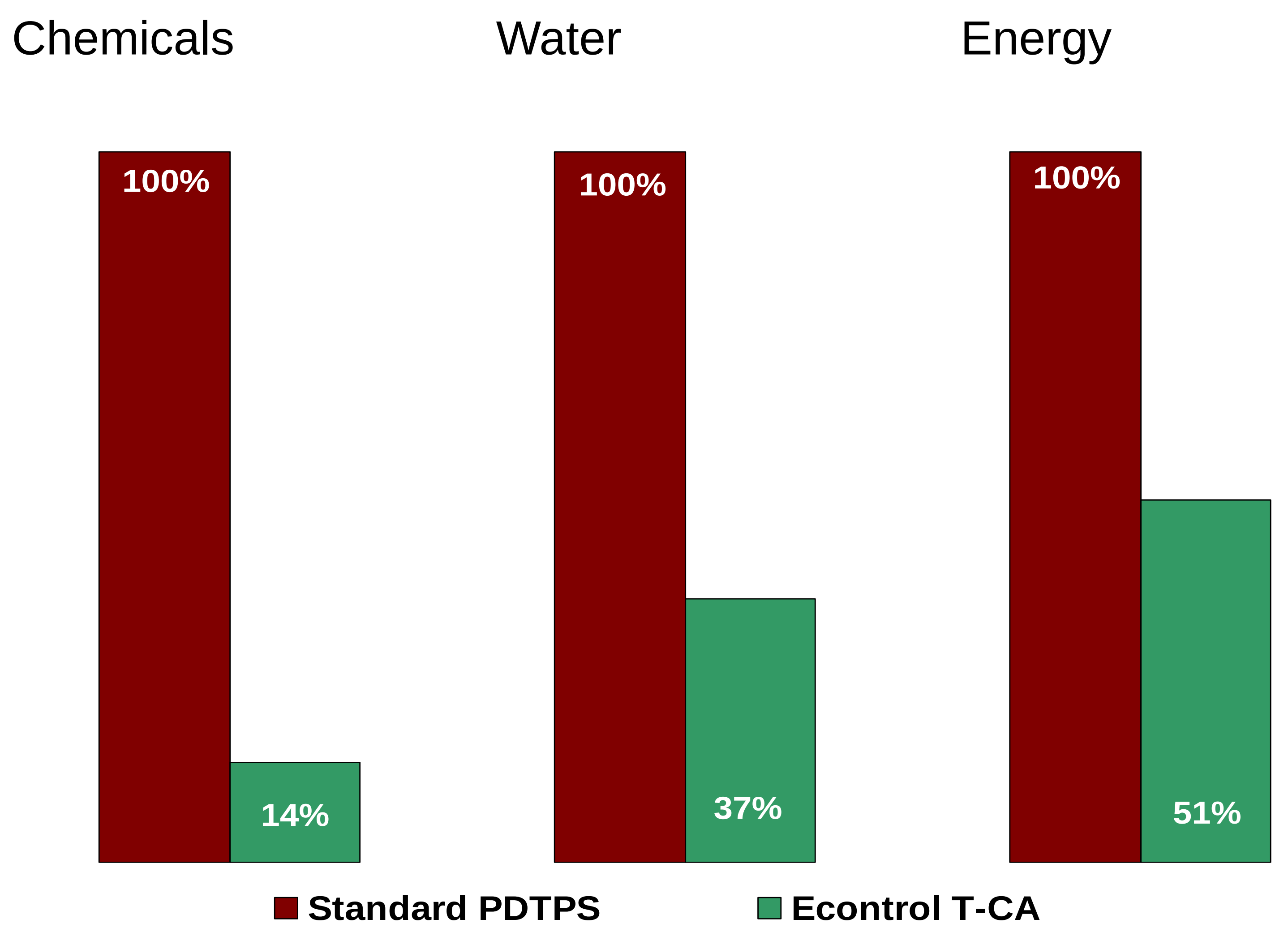


PAD - DRY - WASH

What does Econtrol® T-CA process mean?

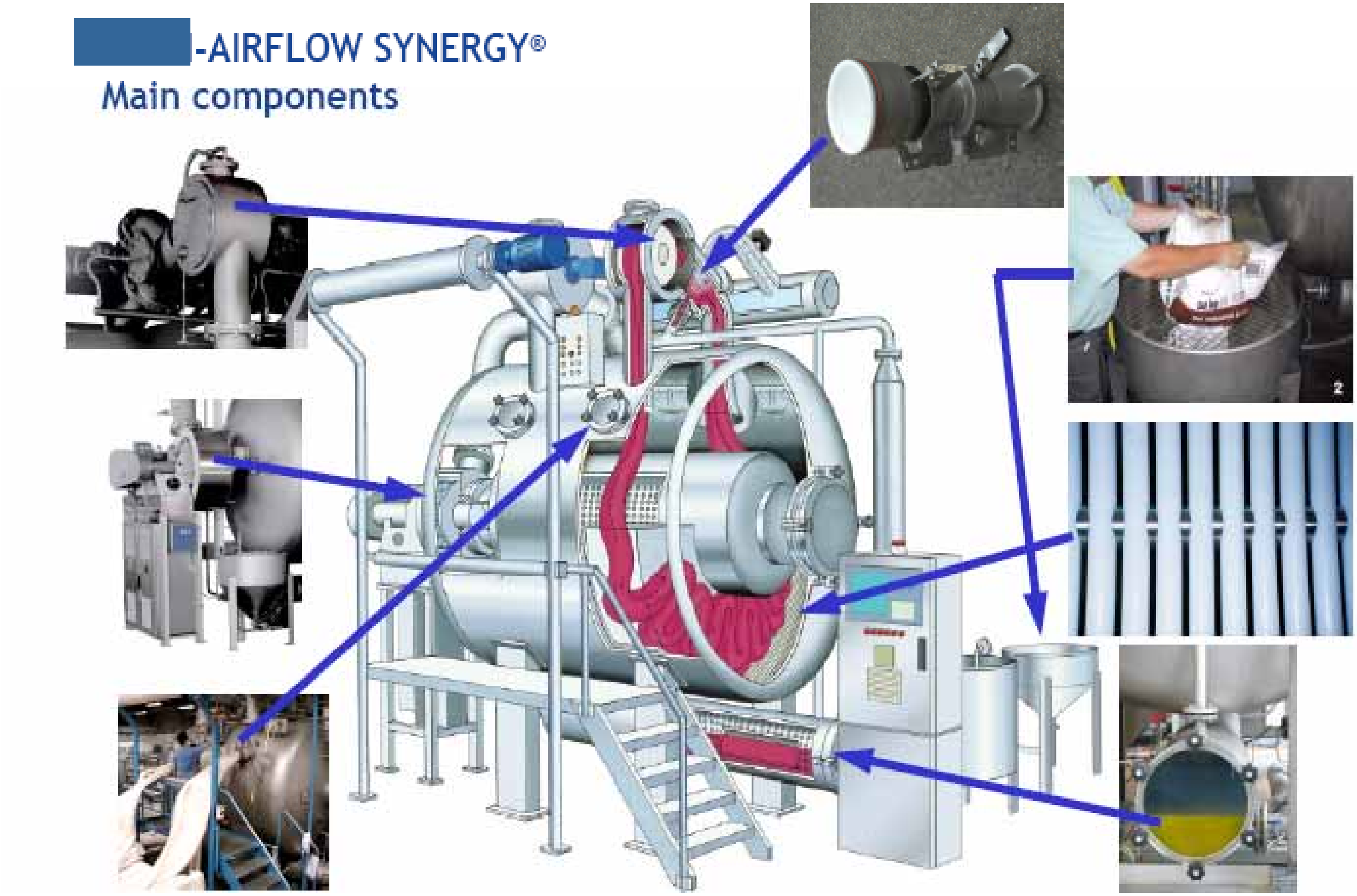
Single-bath continuous dyeing of PES/Co using selected reactive and disperse dyestuffs using the pad-Econtrol-thermosol process

ADVANTAGES



Chemicals
Water
Energy
100%
14%
100%
37%
100%
51%
Standard PDTPS
Econtrol T-CA

Knit fabric dyeing @te

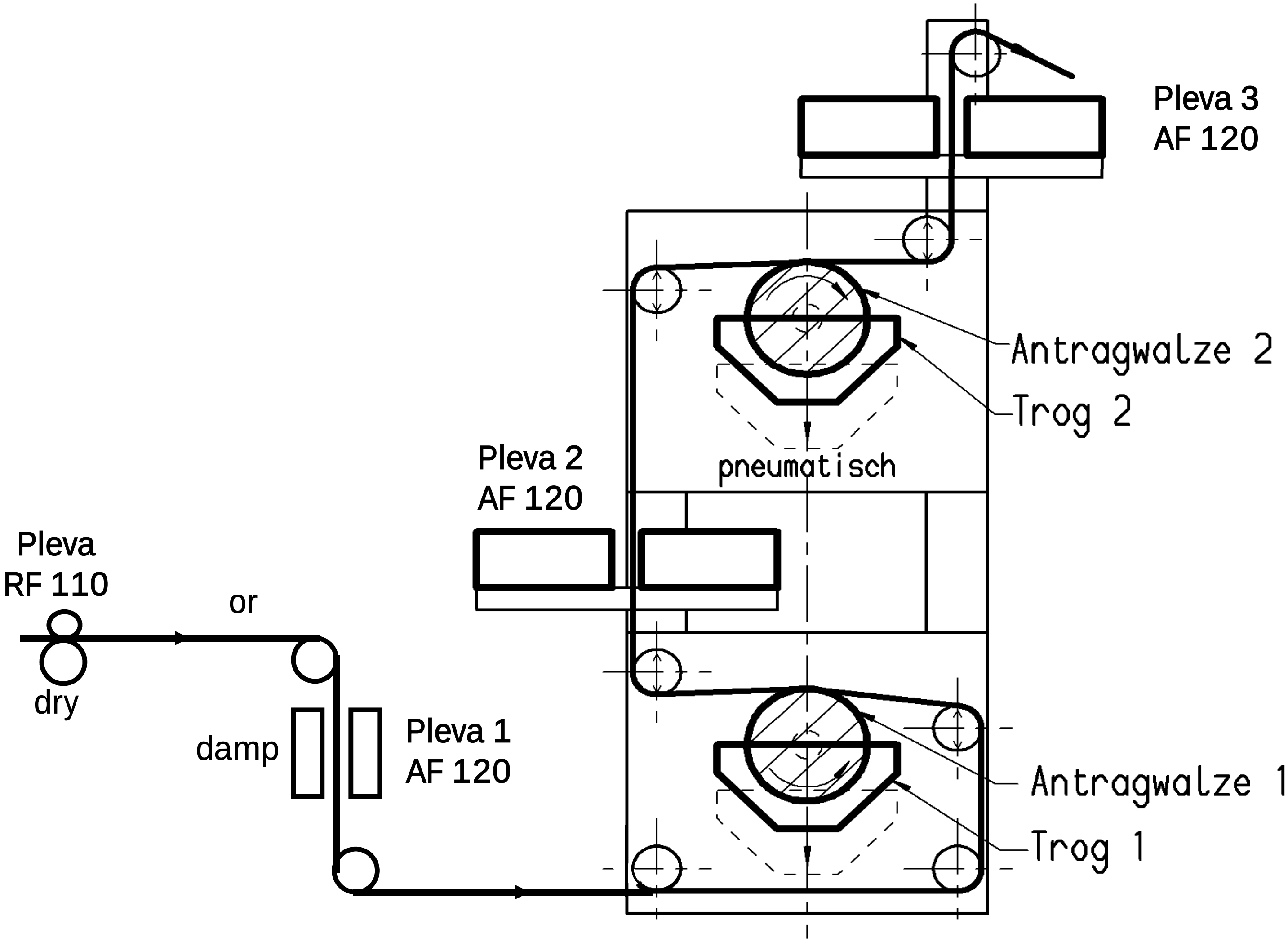


LOW MLR (1:4) PACKAGE DYG PLANTS

Monforts Eco applicator®
An innovative way for energy saving

Eco applicator

eco applicator



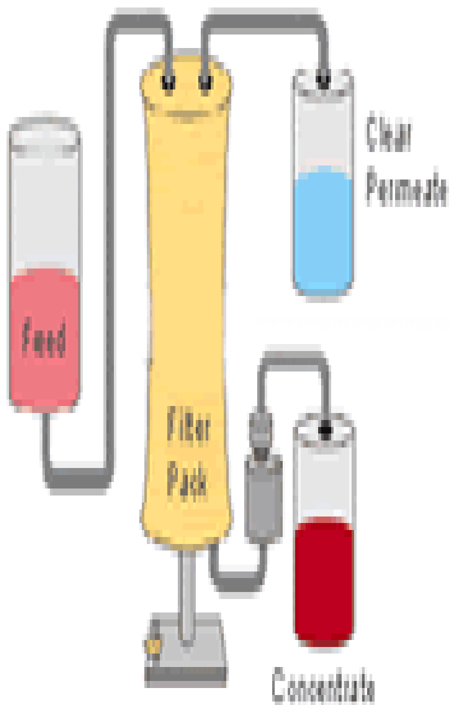
Non-iron and wrinkle-free finish within minutes with MxL process

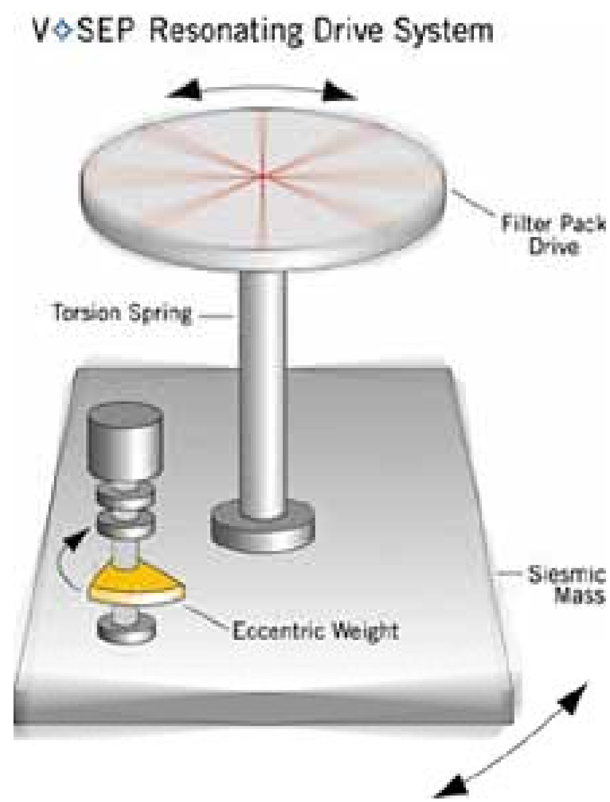
Padding	**Foulardieren**
Drying	**Trocknen**
110°C, 3 min, 30-35 Vol.% steam, 5-6% residual moisture	110° C, 3 Minuten, 30-35 Vol.% Dampf, 5-6 % Restfeuchte
Washing	**Waschen**
TOP finish **+ final treatment** (calandering, shrinking)	**TOP finish** **+ Endbehandlung** (Kalandern, Krumpfen)

DIGITAL PRINTING –SPEED UPTO 400 SQMTS/HOUR

VSEP REJECT MANAGEMENT SYSTEM

VSEP


Clear
Permeate
Feed
Filter
Pack
Concentrate


V◇SEP Resonating Drive System
Filter Pack
Drive
Torsion Spring
Siesmic
Mass
Eccentric Weight

THANK YOU