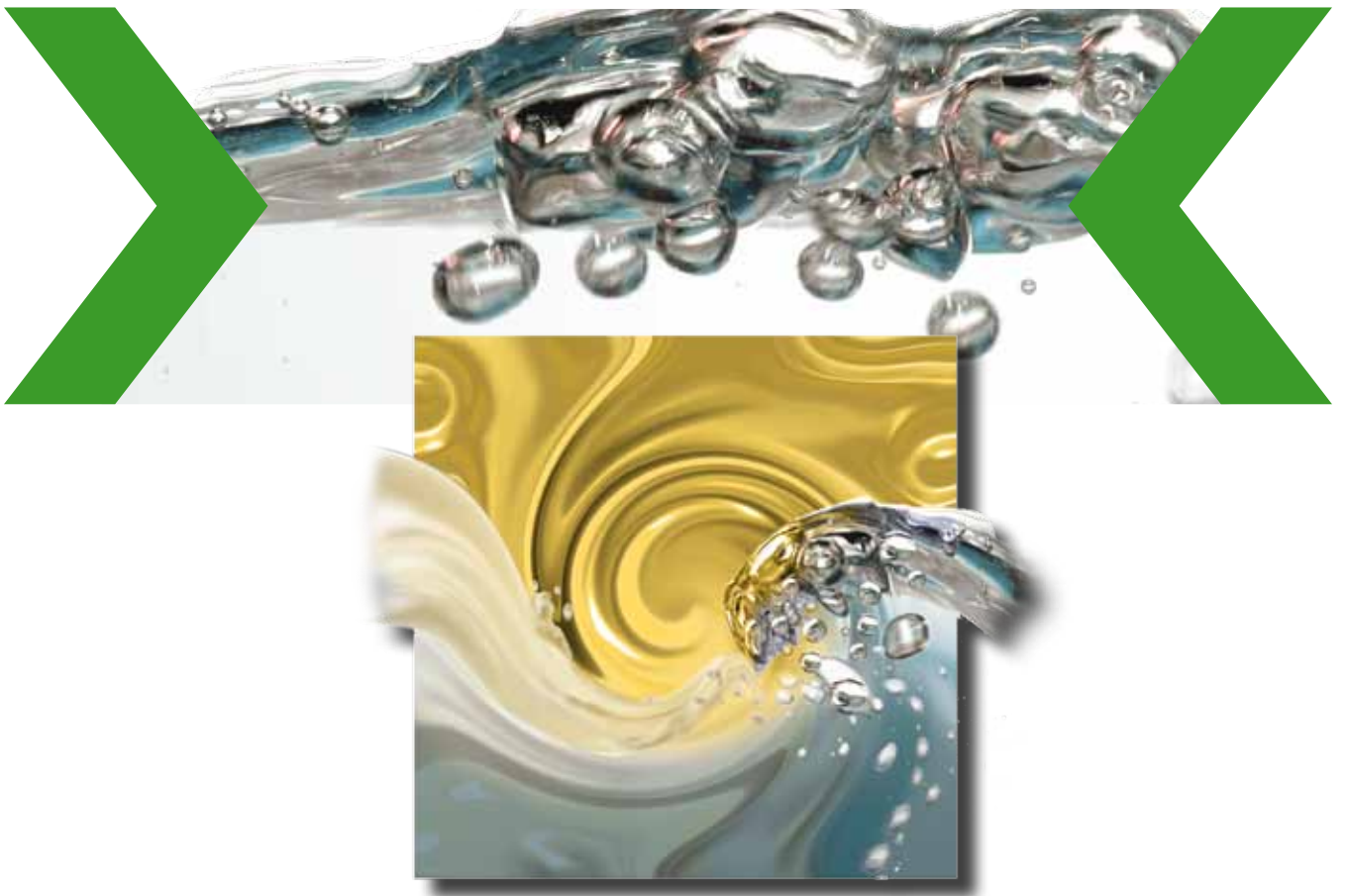


Would you like to turn your
white water into gold?



Stop pouring money down the drain!

- How is your white water profit?
- Do you have a high load on your waste water treatment?
- Would you like to be recognised for your environmental awareness?
- Would you like to convert white water to valuable milk and water?

A new, golden opportunity

SPX has spent considerable resources in listening to dairies and understanding their concerns and needs.

The result is a new, self-contained “plug-and-produce” white water recovery process that is quick and easy to install, has a documented pay-back time of less than one year, and a high return on investment over many years.

Adding value to milk

A third of white water consists of milk residue. With a daily intake of 1 million litres of milk, you can expect a white water milk content of as much as 10 tonnes. By recovering this milk, you can increase the value of your daily intake by 1 per cent.

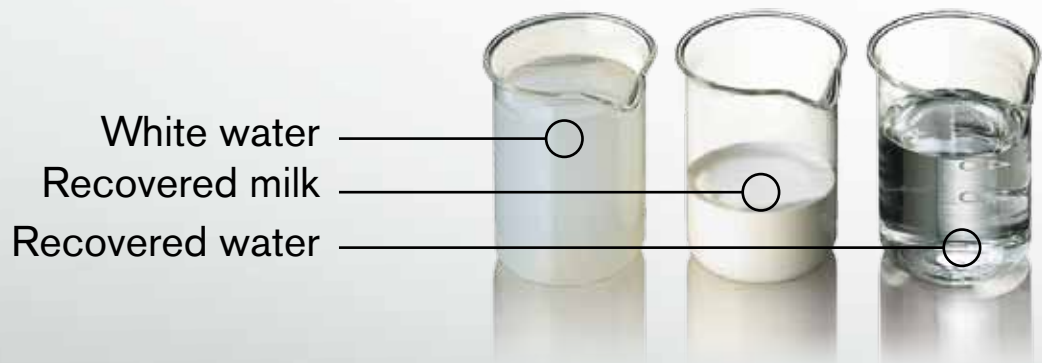
The other two thirds of the white water can be reused as CIP water or processed using the same retrieval technology for subsequent use as process water.

Adding value to your image

A smaller environmental footprint carries weight with both customers and consumers, adding to the positive perception of your image and brand.



Turning white water into gold



Turn white water into gold with the APV GoldStream process

The APV GoldStream process integrates high-quality sanitary components that are designed to work together to deliver a predictable return on investment.

Effective and hygienic recovery of milk

The plant employs tried-and-tested reverse osmosis (RO) technology to separate and concentrate milk residues back to their original composition or higher.

CIP or process water

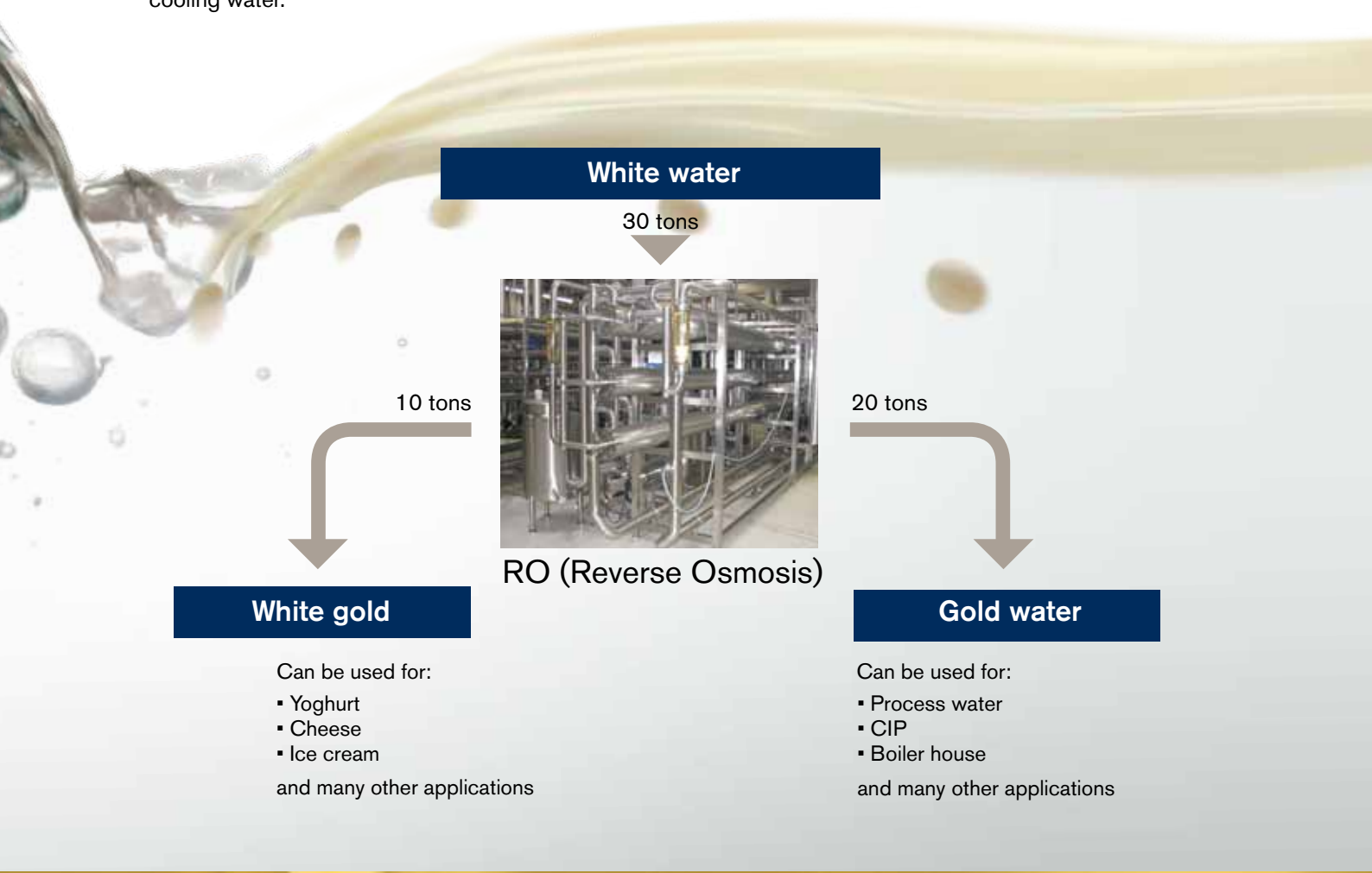
The water component can be used immediately for CIP or polished using the same reverse osmosis system to comply with drinking water quality standards for use as process water.

Multi-purpose flexibility

The APV GoldStream RO system can also be used for polishing of other streams such as condensate, nanofiltration (NF) or RO permeate, and cheese cooling water.

Seven gold nuggets

- Pay-back under 1 year
- Higher yield
- Lower water treatment costs
- Positive environmental image
- Skid-mounted, integrated plant solution
- Tried and tested performance
- Higher milk prices for farmers



White water

30 tons



RO (Reverse Osmosis)

10 tons

White gold

Can be used for:

- Yoghurt
- Cheese
- Ice cream

and many other applications

20 tons

Gold water

Can be used for:

- Process water
- CIP
- Boiler house

and many other applications



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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.apv.com.

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