



INTRODUCING

ecoHEAT
SURFACES

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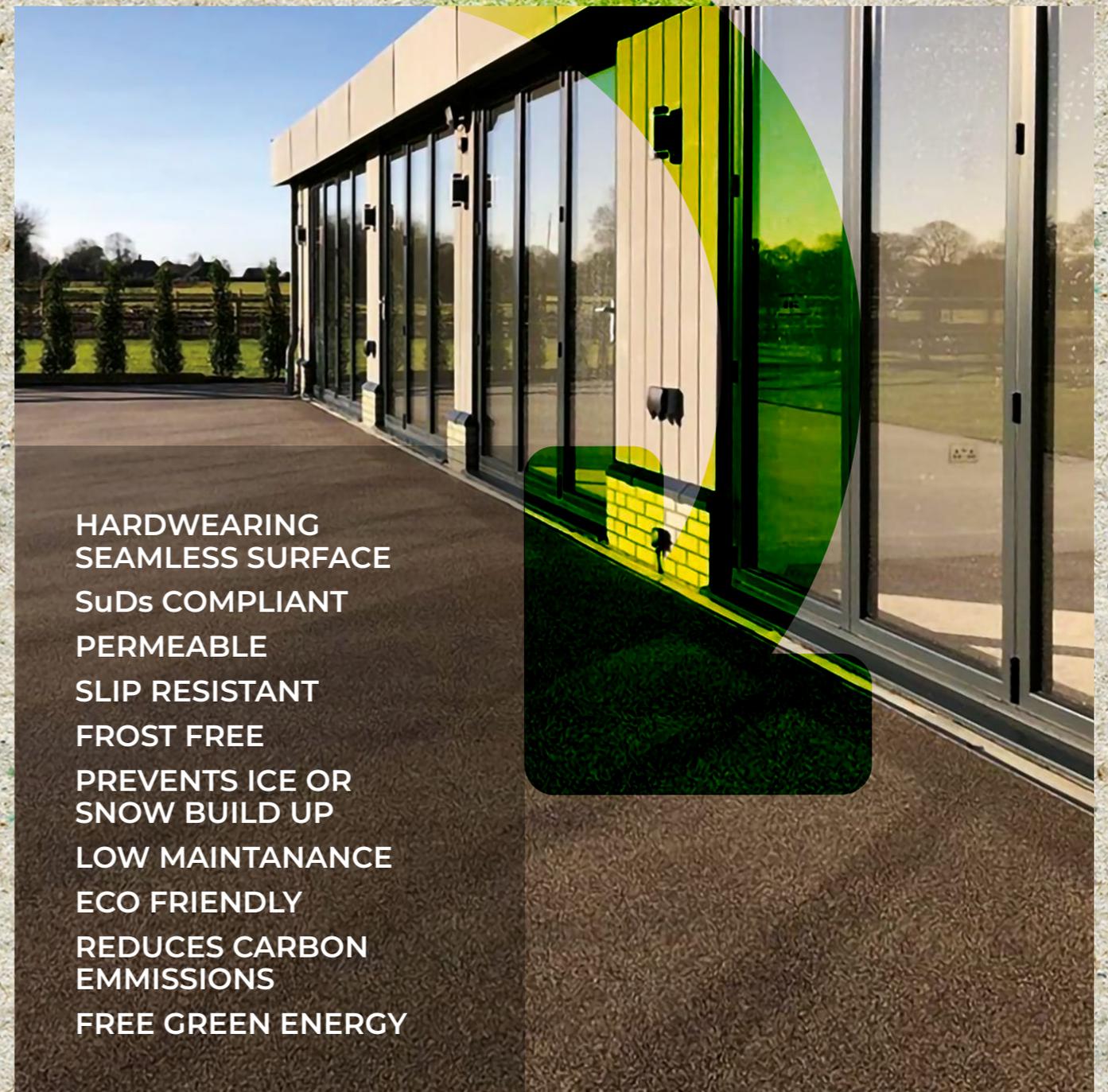
Ingles Manor, Castle Hill Avenue
Folkestone, Kent, CT20 2RD





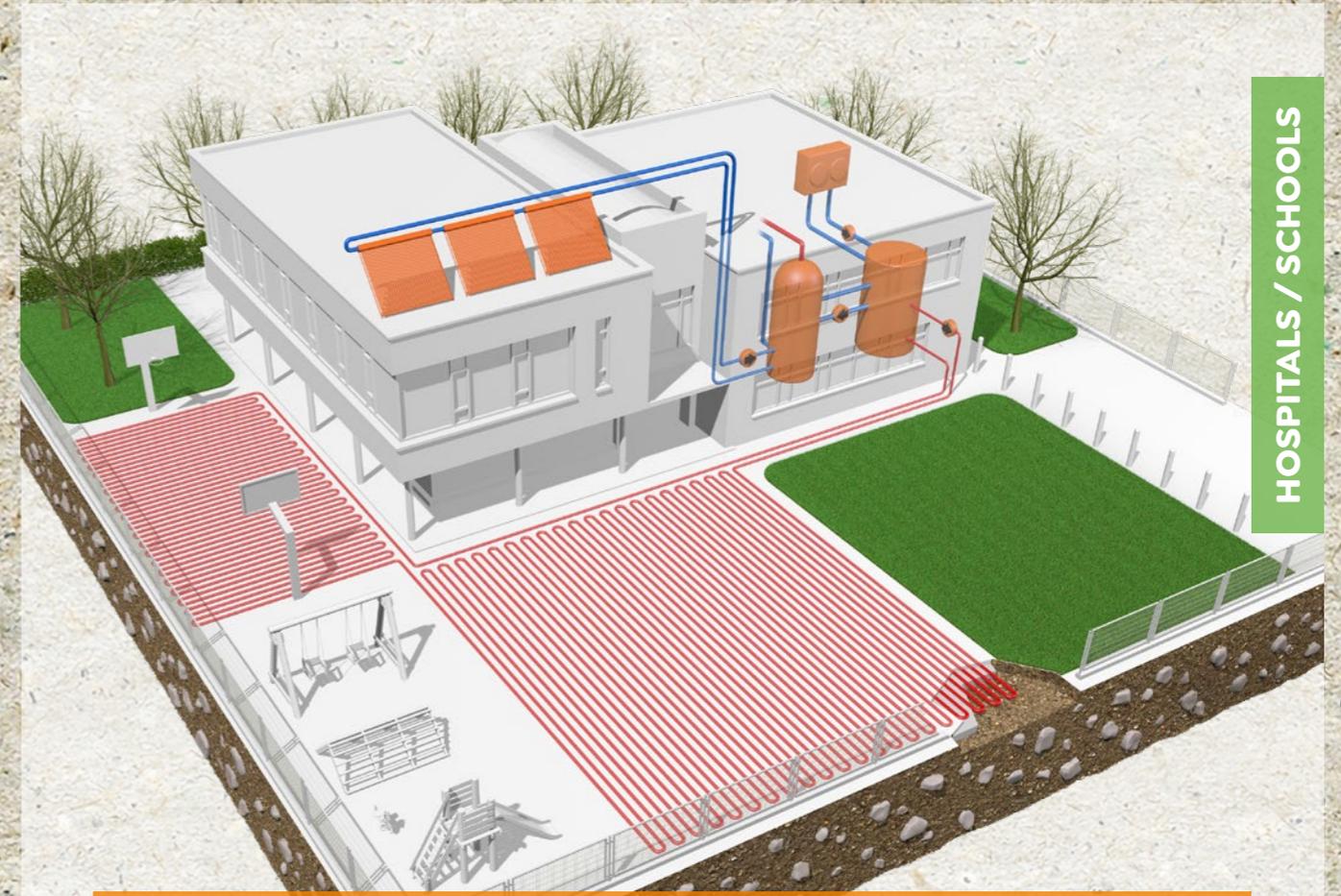
Addagrip and EcoHeat Surfaces have joined forces to promote a unique surfacing solution combining the proven Addagrip Resin Bound surface finishes with an inlaid pipe system that connects to a renewable energy source. With our ever changing climate we can provide a reactive surface ensuring a safer and energy efficient solution for the 21st Century.

CREATING A SAFER, GREENER FUTURE



**HARDWEARING
SEAMLESS SURFACE
SuDs COMPLIANT
PERMEABLE
SLIP RESISTANT
FROST FREE
PREVENTS ICE OR
SNOW BUILD UP
LOW MAINTANANCE
ECO FRIENDLY
REDUCES CARBON
EMMISSIONS
FREE GREEN ENERGY**

CONFIGURATIONS



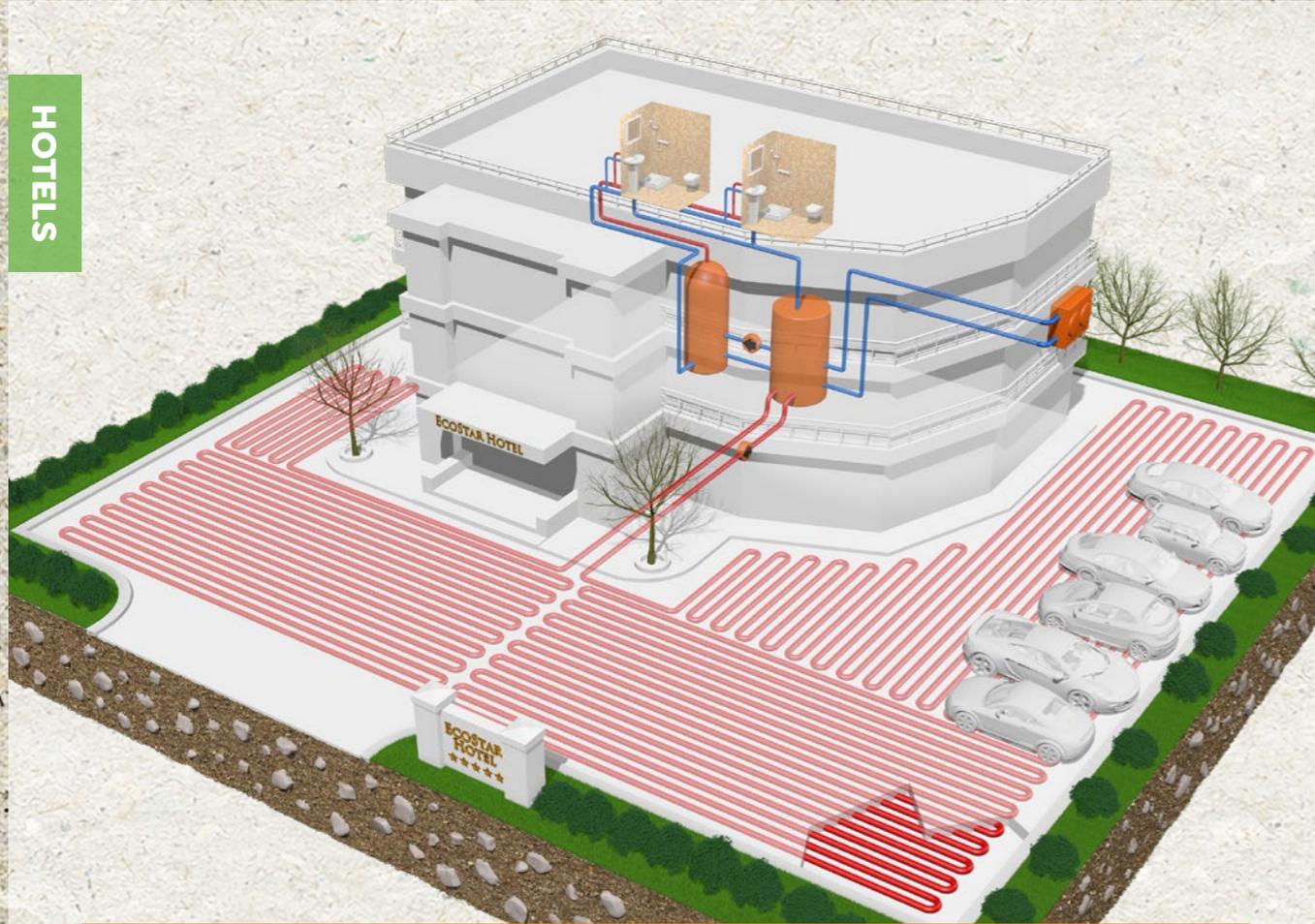
EcoHeat can be used for all external areas such as playgrounds, paths, steps, slopes and car parks.

You can ensure with our system you will not have ice or snow build up due to our EcoHeat automatic system. It senses temperature decrease, automatically warming the resin surface using a renewable heat source. For example the heat already existing in a boiler room

can be used to heat the resin surface making the most of the free energy already onsite.

In addition, when the weather conditions are warmer, the resin surface can be naturally warmed by the sun. The heat from the surface can be harnessed to help supply hot water for a hospital/school making this extremely efficient and money saving.

HOTELS



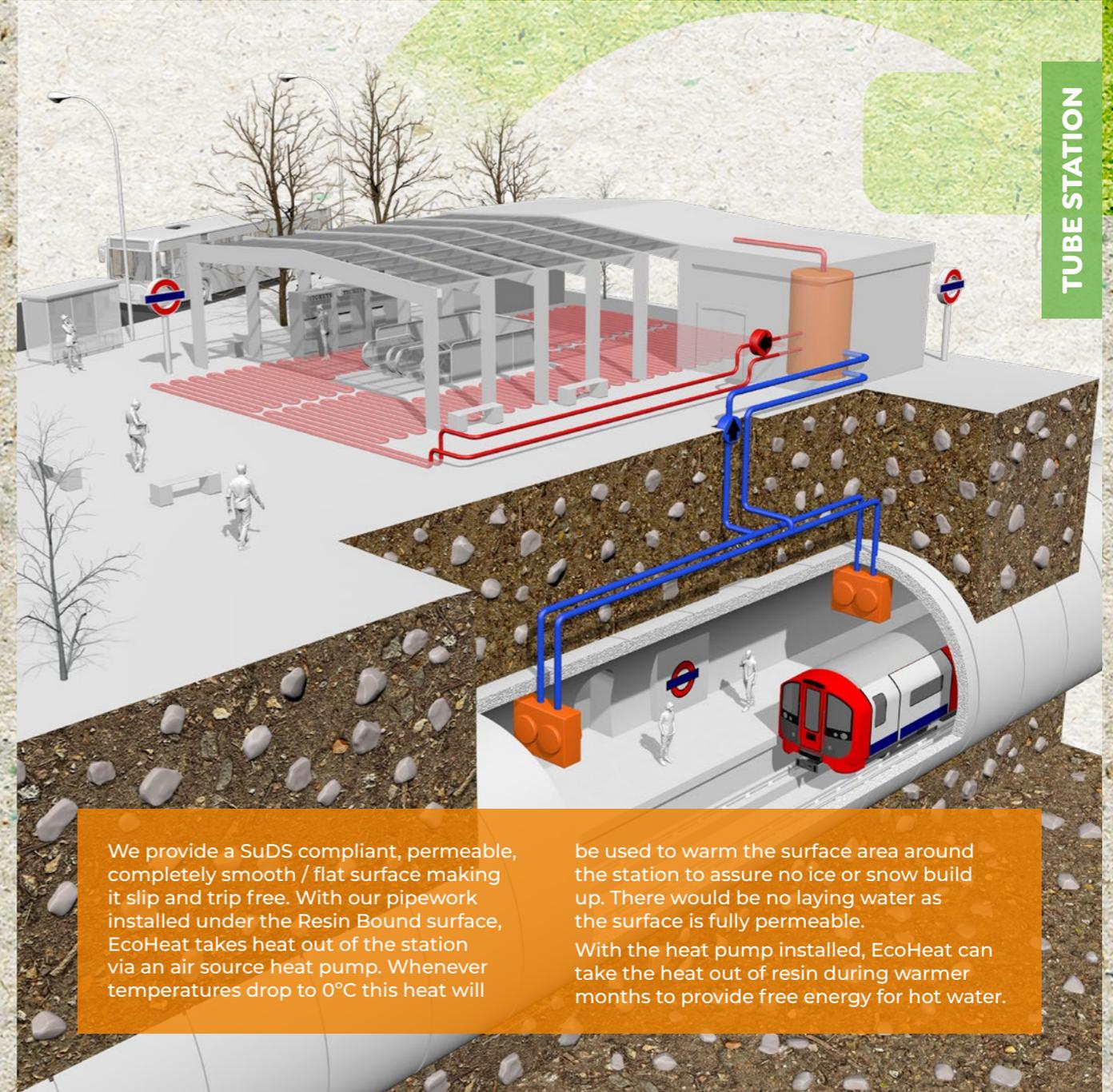
Our EcoHeat system can be used all around the external areas of a hotel such as car parks, paths / steps. Providing a non-slip surface making a safer more pleasant stay for customers and a more practical place to work for employees.

The surface can be heated using stored heat from grey waste water such as from showers, basins and baths. This free already

existing heat can then be used to heat the outside surface areas to stop them from freezing and for melting snow.

When the sun is shining on the external resin surface, the heat from this can be harnessed to provide hot water for the hotel. This multi-functional system can help to make a more pleasant, safer environment using free energy that already exists.

TUBE STATION

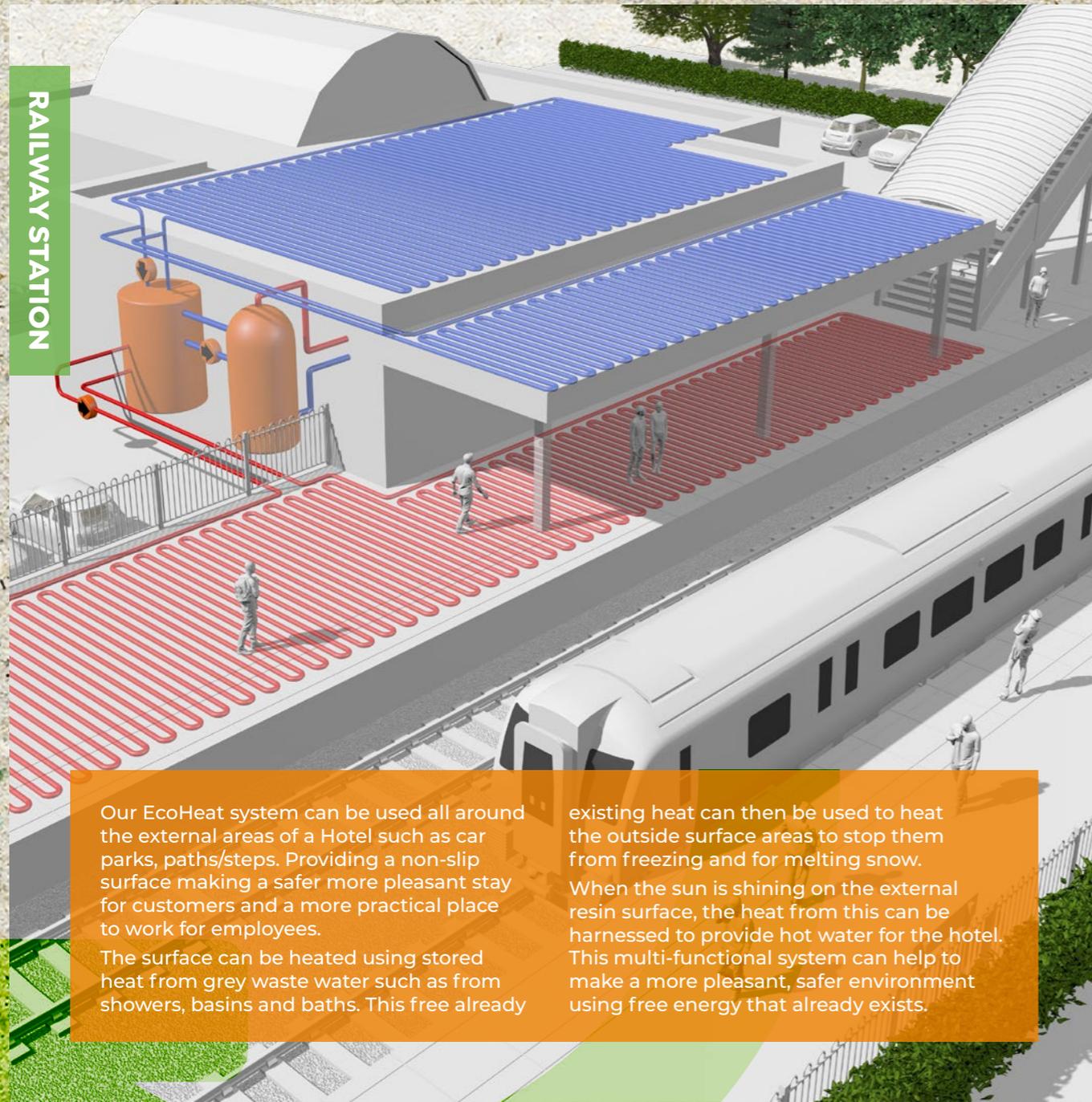


We provide a SuDS compliant, permeable, completely smooth / flat surface making it slip and trip free. With our pipework installed under the Resin Bound surface, EcoHeat takes heat out of the station via an air source heat pump. Whenever temperatures drop to 0°C this heat will

be used to warm the surface area around the station to assure no ice or snow build up. There would be no laying water as the surface is fully permeable.

With the heat pump installed, EcoHeat can take the heat out of resin during warmer months to provide free energy for hot water.

RAILWAY STATION



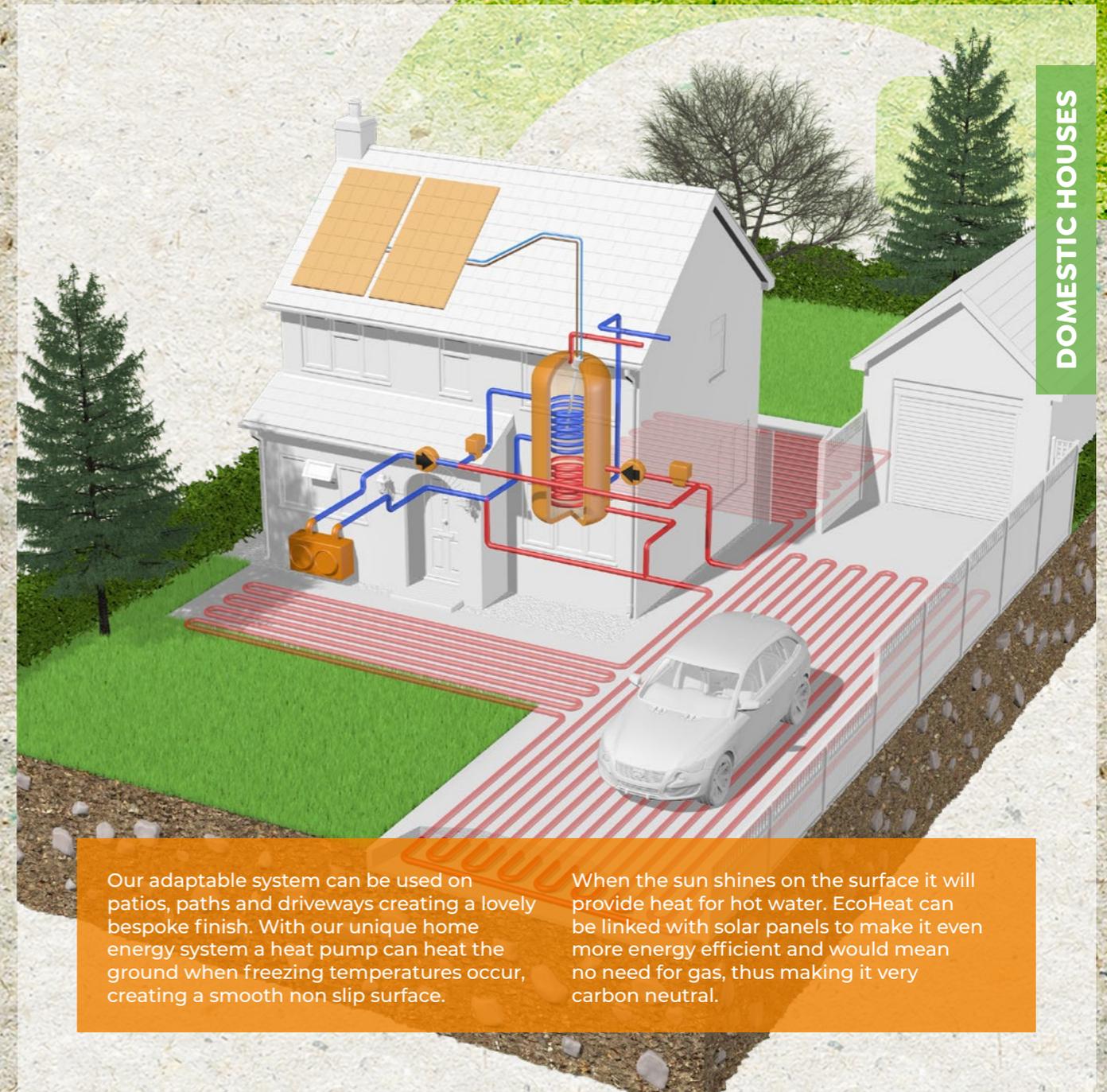
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DOMESTIC HOUSES



Our adaptable system can be used on patios, paths and driveways creating a lovely bespoke finish. With our unique home energy system a heat pump can heat the ground when freezing temperatures occur, creating a smooth non slip surface.

When the sun shines on the surface it will provide heat for hot water. EcoHeat can be linked with solar panels to make it even more energy efficient and would mean no need for gas, thus making it very carbon neutral.

How does the Addagrip EcoHeat system work?

The Addagrip EcoHeat surfacing is installed on to a prepared base at a typical depth of 35 to 40mm with the Addagrip EcoHeat pipework embedded within 15-20mm below the finished Addagrip Resin Bound surface. It is then connected to a renewable heat source such as heat pumps, solar panels, biomass boiler, etc.

Will this supply all my hot water?

No, the amount of hot water the system can provide will depend on how much sun is on the surface and the ambient temperature. It will pre-heat water in the same way as a solar panel.

Can the system be installed on steps and slopes?

Yes, the surface will create a smooth, non-slip surface all year round wherever this surface is applied.

How long will this system last?

Life expectancy on this system is 25 years.

Is there a warranty on the system?

There is a 20 year material warranty on the resin bound surface and a standard warranty on the heat pump.

Are Resin Bound surfaces durable?

Yes, a blended mixture of aggregates and resin creates a hard wearing and permeable surface that have been in use for over 25 years.

Can I have an EcoHeat system designed specifically for my needs?

Yes. Our specialist will arrange a site visit, discuss your requirements and design a bespoke system for you.

FAQS



SUDs compliant
& permeable



Slip
resistant



Harvesting
energy from
the Sun



Creates a frost-
free surface



Low
maintenance



Reduces carbon
emissions



Produces cost-
free hot water



Heats up water
to 50 degrees



Ideal for commercial
& new domestic
self-build
developments



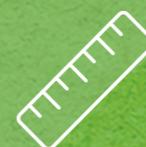
Ideal for district
heating schemes



Can be retro
fitted to existing
properties



Guide price per m²
(£125m²) - based
upon 100m² project



Minimum area
required 40m



Minimum
cylinder
size 200L



Life expectancy
of 25 years



Bespoke design
service