#### HAVE WE DONE THIS BEFORE?

## YES, FOR ABOUT 155 YEARS

We are the fifth generation to lead Malmberg. We develop sustainable solutions in water purification, drilling, biogas and geo-energy. We believe we make a difference. And we have to make that difference count. Because while we are the fifth generation, we are also the first generation. The first to fully understand the scope of climate change. And the first with the tools to build a future without it. That's why our aim has to be nothing. Zero emissions. Zero contaminants. Zero waste. But nothing is impossible without you. Our co-workers, our clients.

> Together, let's be Generation Zero. www.malmberg.se



### MALMBERG MAINTENANCE CONCEPT

- Service & Support agreement Optimized operation Predictive maintenance Energy optimization
- » Helpdesk 24/7
- » Performance status report



We are among the pioneers in the field of biogas upgrading to biomethane with over 120 upgrading units in Europe. Our head office is located in Yngsjö, Sweden.



Safety verifications Spare part packages Training

Repowering

Software/hardware updates

Improved operations products

Malmberg plants across Europe in operation



### Malmberg COMPACT™

The greenest plant in the world



# **BIOGAS FOR THE NEXT GENERATION**

Using our technology you can produce renewable and CO<sub>2</sub>-neutral biomethane locally for injection into the natural gas grid or for usage as vehicle fuel. Our turnkey biogas upgrading solution is proven, simple and compact. When you choose to upgrade biogas to climate-friendly biomethane using Malmberg's technology, you get pure energy that benefits your economy as well as our environment.

Malmberg COMPACT™ is a prefabricated, standardized biogas upgrading machine. By combining this with in-house production in Sweden we can ensure a short lead time from order to gas delivery.

The biogas upgrading is easy to operate through our Malmberg feniX<sup>™</sup> control panel. The interior system and fittings are housed in a specially designed and optimized container for simple maintenance and convenient servicing.



### IT'S VERY SIMPLE! **BIOGAS MEETS WATER AND** THEN THERE IS GREEN GOLD

Our process is simple, reliable and works forever. Incoming biogas is compressed and meets the water trickling from the top of the column. CO<sub>2</sub> and H<sub>2</sub>S is absorbed by the water while the methane rises to the top, is dried internally and ready to be either injected into the natural gas grid or used as vehicle fuel.

### MALMBERG COMPACT™ MADE IN SWEDEN

- World class control system
- Integrated with the uniqe A-curve system
- Columns in Stainless Steel
- Recovery rate >99%
- Availability >99%
- No chemicals
- Minimal water usage
- Requires no heat
- Products for improved operation





Compressed raw biogas in







#### OUR RANGE OF MALMBERG COMPACT™

GR BAS 2	GR BAS 3	GR 6	GR 14R	GR 14
180-360 Nm³/h	250-600 Nm³/h	350-700 Nm³/h	500-1000 Nm³/h	700-1400 Nm³/h
GR 20R	GR 20	GR 28	GR 50	