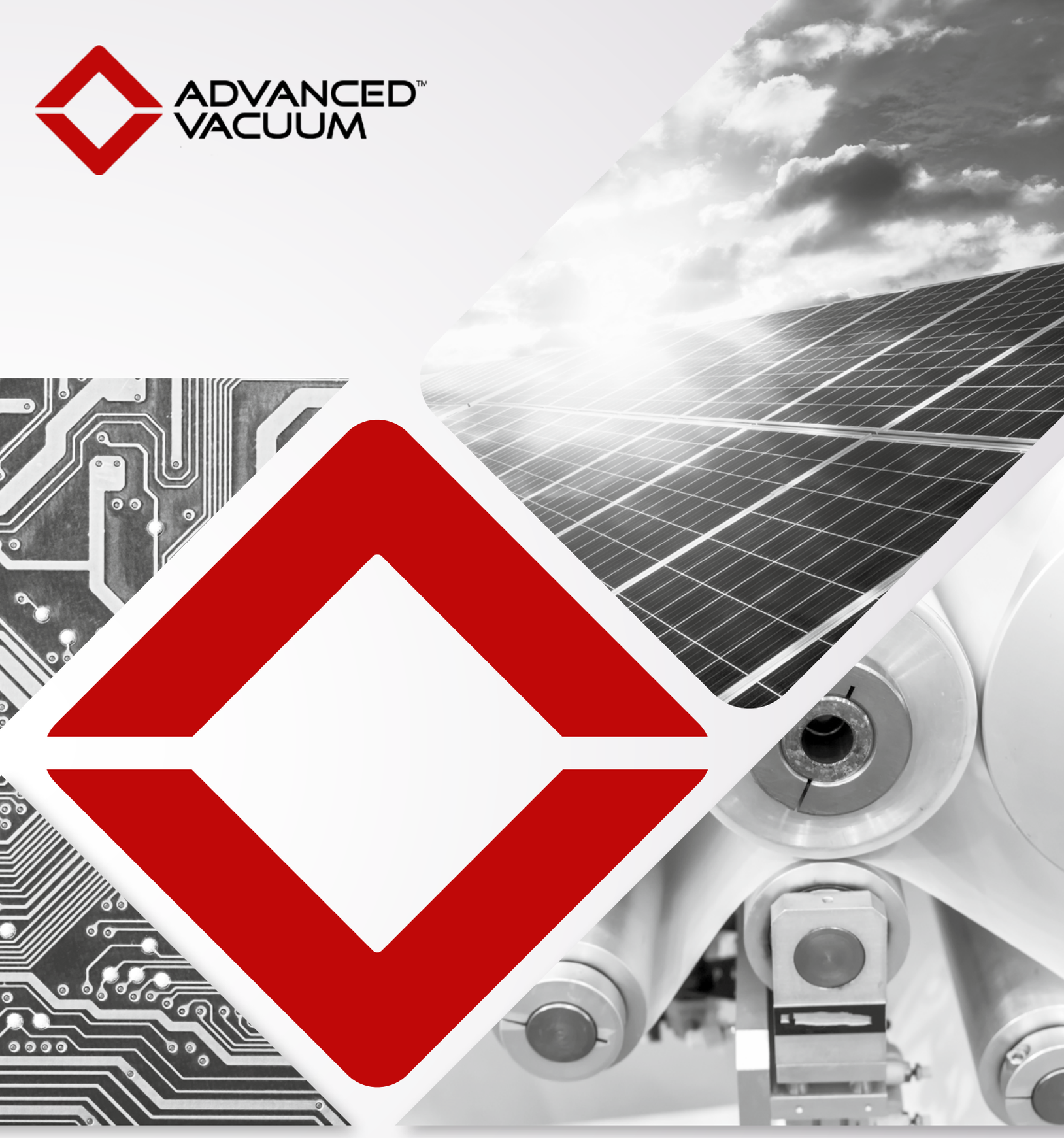
ADVANCED™ VACUUM



BETTER TECHNOLOGY, BETTER RESULTS



ADVANCED VACUUM HAS SUPPLIED VACUUM TECHNOLOGY TO VIRTUALLY EVERY SEGMENT, FROM HEAVY INDUSTRY TO SPACE RESEARCH.

ADVANCED VACUUM TECHNOLOGY SINCE 1995

Ever since its inception in 1995, Advanced Vacuum has delivered customized vacuum solutions to a wide variety of industries and research institutes. Over the years, we have fostered close cooperation with world-leading and highly specialized companies. Applications requiring vacuum in production and research are constantly increasing, and most consumers and end users are not yet aware of how vital vacuum is to the creation of the final product. All the electronics in our phones, cars, appliances, computers and game consoles have been produced in a vacuum chamber. From the solar panels on the roofs to the heat pump in the basement or the generator in a hydroelectric plant – each and every one of these products go through one or more vacuum stages during production. And the same goes for medicine, vaccines, perfumes and foodstuffs.

Advanced Vacuum has supplied vacuum technology to virtually every segment, from heavy industry to space research. What makes our job so interesting is that we get to see and learn so much. One day we meet a professor at a university; the next day we discuss solutions for what the car battery of the future should look like. With Edwards Vacuum, the world's largest company in vacuum technology, we have the opportunity to develop solutions that perfectly fit our customers. Today, we focus a lot on energy consumption and intelligent vacuum solutions that are largely maintenance-free. Advanced Vacuum started as a service company, performing maintenance and upgrades of vacuum systems – and service and support are still the foundation of the company. It is our pledge to our customers that they always receive the best support. A large number of customers enter service agreements with us, which allows us to ensure continued operations while simultaneously reducing costs.

Our team of experts work closely with our customers in long-term business relationships. At Advanced Vacuum, we pride ourselves on having short decision-making processes, responding quickly to questions and keeping what we promise.

We are here when you need us – please feel free to reach out!

/Peter Christensen, CEO



We become an authorized Edwards Vacuum distributor.

We also become a distributor for Precision Plus, a leading supplier of spare parts and service kits for all pump brands.

We start a distributor agreement with Horiba, manufacturer of mass flow controllers and flow meters.

1995

Advanced Vacuum is founded in Lomma as a service company with a focus on upgrades and servicing of plasma, thin film and evaporation systems. Since vacuum technology is an important part of these systems, we also serviced pumps, valves, measuring equipment and automation.

That same year we become a distributor for Advanced Energy, which manufactures power units.

1999

2000

We become a distributor for Entegris, a world leader in materials for the semiconductor industry, as well as manufacturers of filters and gas purifiers.

2007

OUR HISTORY

2011

We become an authorized Edwards Vacuum service center in Sweden.

2013

Advanced Vacuum is partially acquired by the American company Plasma-Therm, and at the same time becomes their distributor in the Nordics.

We become a distributor in the Nordics for HHV, which manufactures thin film systems, sputtering and evaporation systems for development, research and pilot production.

We relocate to larger premises in Lomma.

2017

We open a sales office and service property in Uppsala in order to meet a higher demand.

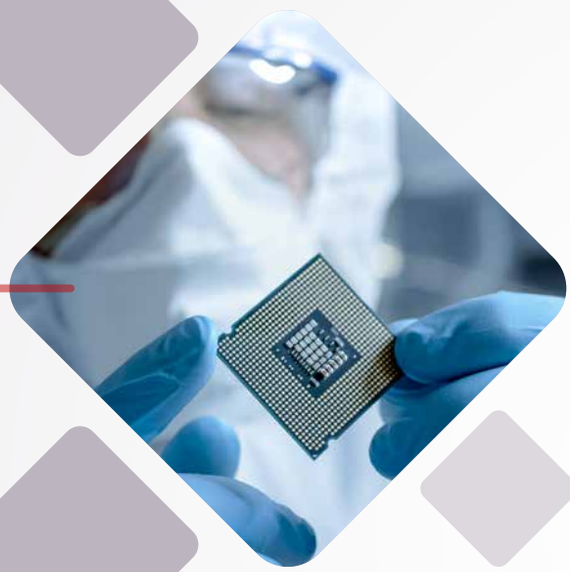
2018

Together with Plasma-Therm, Advanced Vacuum starts collaboration Vinnova, EuroPat to develop a new method for dicing discs, where we etch the chip out of silicon discs instead of dicing them mechanically: MDS (Micro Dicing Systems).



DEVELOPMENT AND RESEARCH (R&D)

We deliver to both companies and universities, and are constantly developing.



SEMICONDUCTOR INDUSTRY

The world is becoming increasingly digitized and we are part of the development in all types of electronics manufacturing.



PROCESS MANUFACTURING

Vacuum is used in many different types of chemical and raw material processing. At Advanced Vacuum, we are part of the entire process.



INDUSTRY

We work with the food industry, the plastics and engineering industry, the paper industry, the metalworking industry and many more.

YOUR PARTNER IN VACUUM TECHNOLOGY

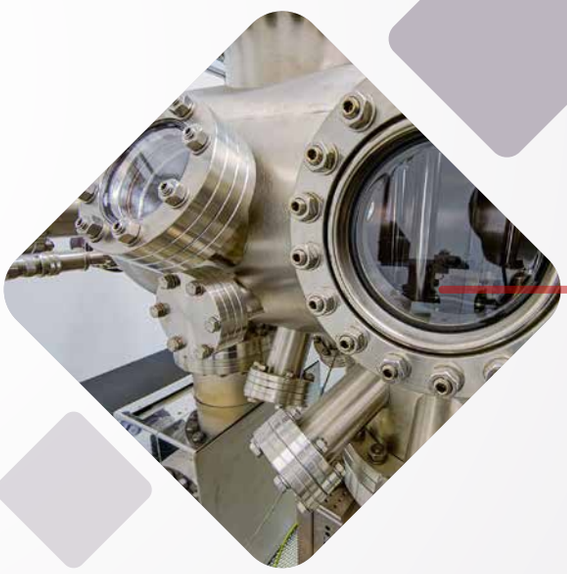
Our customers are in myriad industries, ranging from R&D, engineering and process manufacturing to universities.

One day we'll meet a university professor who needs our advice, the next a purchasing manager at an industrial company and the following day a project manager in renewable energy. No matter their requirements for their vacuum equipment, and regardless of which gases or chemicals they pump, we can help. Be it a flammable or explosive environment, an OEM that wants to our equipment or so-mething else entirely, we have decades of experience in recommending the right product, system or solution.



RENEWABLE ENERGY

We work – and advocate – for a gre-ener world via sustainable solutions in renewable energy, such as solar panels, wind power and electric batteries.



OEM

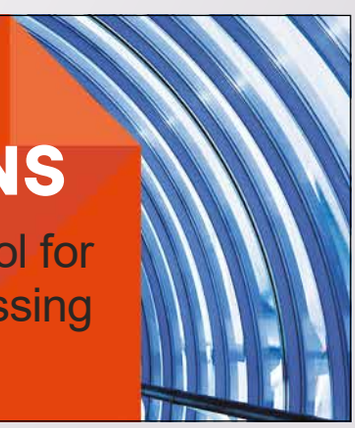
We implement the right product for each field in which our OEM customers operate.

Advanced Energy

PRECISION POWER DELIVERY SOLUTIONS

Leading RF and DC plasma control for the most advanced plasma processing

advancedenergy.com



BETTER TECHNOLOGY FOR BETTER RESULTS

We are a full-service supplier of vacuum technology. Advanced Vacuum can offer a multitude of different pump mechanics that reach different vacuum levels to suit your process. In our range we also have vacuum sensors, valves and vacuum components. As we work with several key suppliers, we can put together a comprehensive package that includes products from more than one supplier – all in the name of creating the best solution for every need. We deliver products of the highest technical quality and are happy to be involved from the early planning stage to develop the right products and solutions for your application. We are with you all the way.

INDUSTRIAL DRY SCREW PUMP

Edwards Vacuum's patented intelligent screw pump GXS is available in sizes 160 m3/h to 3450 m3/h. These pumps reach a final vacuum of down to 5x10-4 mbar. An innovative design optimized for the most demanding industrial processes, with low power consumption and 5 years between maintenance.



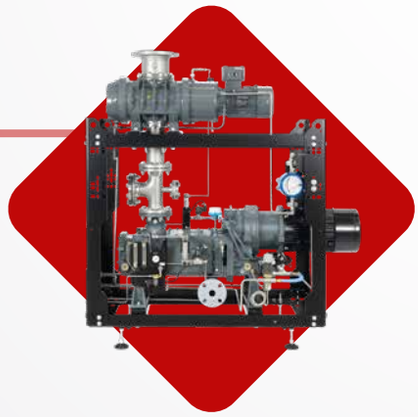


INDUSTRIAL 2-STAGE ROTARY VANE PUMP

Edwards Vacuum has been producing 2-stage vane pumps for over 60 years. We are now launching the latest model, E2S. Available in sizes 47 m3, 64 m3 and 87 m3/h and reaching a final vacuum of low 10-3 mbar. Can also be combined with our EH booster pump. All in all a cost-effective pump suitable for most industrial applications.

EDWARDS VACUUM ATEX PROCESS VACUUM COMBINATION

Edwards Vacuum's new EDS300 dry screw pump in combination with the EH500 booster. We supply a variety of customized pump systems for different ATEX classifications.





MEASURING EQUIPMENT

We have a wide selection of vacuum sensors and displays; from analog to digital sensors, and to atmospheres down to 10-13 mbar.

nXRi INNOVATIVE DRY PUMP FOR R&D

The Edwards nXRi is our latest dry pre-vacuum pump for a variety of applications. A very compact dry pump available in 30, 40, 60, 90 and 120 m3/h. Reaches a final vacuum of 3x10-2 mbar. Minimal sound volume and supremely reliable.





EDWARDS VACUUM'S CLASSIC RV MODEL

The classic RV model is found in practically every laboratory and in hospitals and universities around the world. The RV series is a two-stage rotary oil vane pump that reaches a final vacuum of low 10-3 mbar. The RV series is available with pump capacities of 3, 5, 8 and 12 m3/h. We offer a variety of accessories depending on the application.

TURBO PUMPS — MAGNETIC OR CERAMIC BEARING

Edwards Vacuum is the world's largest manufacturer of turbo pumps. When the turbo pump pumps molecules, the pump only starts at about 10-1 mbar. The air in the chamber must be evacuated with a pre-vacuum pump. Once the turbo pump starts the evacuation, you can achieve down to 10-9 mbar. We have a wide range of turbo pumps for many different applications. Sizes ranging from 55 l/s to 4,500 l/s.





TURNKEY SOLUTIONS

We offer bespoke turnkey pump systems for your process. Includes design, calculations, blueprints, automation, etc.

FIELD SERVICE

Field service of vacuum pumps, as well as system and leak detection.

PLUS WARRANTY

For Edwards Vacuum vacuum pumps.

LEASING

For time-limited projects in which you would rather avoid owning the equipment.

CONSULTING SERVICES

With over 25 years of experience, we can help you with all applications where vacuum is used – from design to finished solution.

TRAINING

We offer customized training in vacuum technology and leak detection.

SERVICE AGREEMENT

Customized service agreements to minimize downtime.

REPLACEMENT EQUIPMENT DURING SERVICE

We deliver the corresponding vacuum pump and exchange your old one.

INSTALLATION AND START-UP SERVICE

We help you install and approve the equipment prior to commissioning.

RECONDITIONING

We refurbish your vacuum pump or vacuum system and make them run like new again.



ORIGINAL SPARE PARTS

In addition to Edwards Vacuum's original spare parts, we can offer service kits, spare parts and filters for the most common vacuum pumps on the market through our supplier Precision Plus.

OUR SERVICE GUARANTEE THE BEST RESULTS

Through our more than 25 years in the industry, we have extensive experience in most processes and applications that utilize vacuum. In Sweden, we have service teams based in Uppsala in the north and Lomma in the south. We also carry out maintenance of your vacuum equipment in our well-equipped workshops.

It is imperative to us that our customers are satisfied and receive the support they need. This is why our Edwards Vacuum-authorized service technicians undergo regular training in the maintenance and service of all types of vacuum pumps and brands on the market. We also have the permits required to perform service in risk-sensitive areas. With a service agreement with Advanced Vacuum, you can rest easy in the knowledge that your equipment is working as it should.




ADVANCED
VACUUM
advancedvacuum.se
Försäljning



SUSTAINABILITY AND QUALITY

Operating in as many different industries as we do, environmental considerations and sustainability are of the utmost importance to us, which is why we actively support the UN's Sustainable Development Goals. All of our new products have a focus on lower energy consumption, as well as monitoring for the possibility of rapid action if something isn't working as intended.

Our service department takes care of waste oil and the like in order to guarantee it is handled correctly. When we handle incoming goods from customers, H&S forms are always filled out so that our technicians know how to protect themselves in the best possible way. As a matter of course, we have all adequate protective equipment to ensure our working environment.

Advanced Vacuum has the highest UC certificate (platinum) and AAA, and is ISO 9001 certified. We were appointed Nordic Growth Company 2021.

THE GLOBAL GOALS

NORDISKT TILLVÄXTCERTIFIKAT
ADVANCED VACUUM DISTRIBUTION EUROPE AB

AAA®

HÖGSTA KREDITVÄRDIGHET
ADVANCED VACUUM DISTRIBUTION EUROPE AB
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Creating products that enable you to innovate.

We thrive on innovation, developing products that are intrinsic to everyday life. Vacuum is required for astonishingly diverse applications, from consumer products to large scale industrial uses - from the generation of power to the production of steel, from the challenging environments of space simulation to high energy physics research. From medicines to mobile phones and from computers to coffee beans, we pride ourselves in making a difference to people's lives. Safely and sustainably.

World-class solutions for your industrial applications and processes.



Industrial Dry Pumps



Oil Sealed Pumps



Mechanical Booster Pumps



Diffusion Pumps



Industrial Turbomolecular Pumps

Next-level vacuum performance with best-in-class pumping speeds.
Get in touch and learn about our GXS range of Dry Screw Vacuum Pumps.

Faster. Higher. Stronger.



[environments where innovation thrives]

Delivering results that bring real value to our customers in Research & Development.

From the smallest school laboratory, to international R&D projects, our products and application know-how are facilitating educational development and scientific evolution across the globe.



Dry Scroll Pumps



Turbomolecular Pumping Stations



Ultra High Vacuum Pumps



RV Two Stage Rotary Vane Pumps



Turbomolecular Pumps



Measurements & Controls



Leak Detectors



nXRi Multistage Roots Pumps

Enabling your innovation in the semiconductor industry.

Cost-effective solutions to improve efficiencies, achieve environmental targets and reduce the total cost of equipment ownership.



Intergrated Solutions



STP Maglev Turbo-molecular Pumps



Semiconductor Dry Pumps



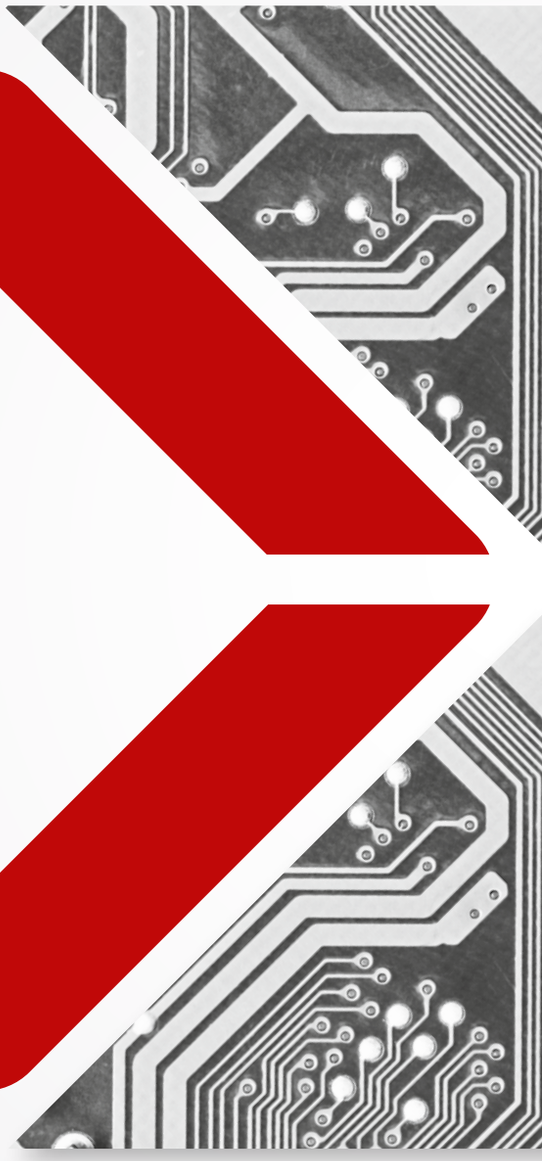
Environmental Solutions - Abatement



Cryogenics







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