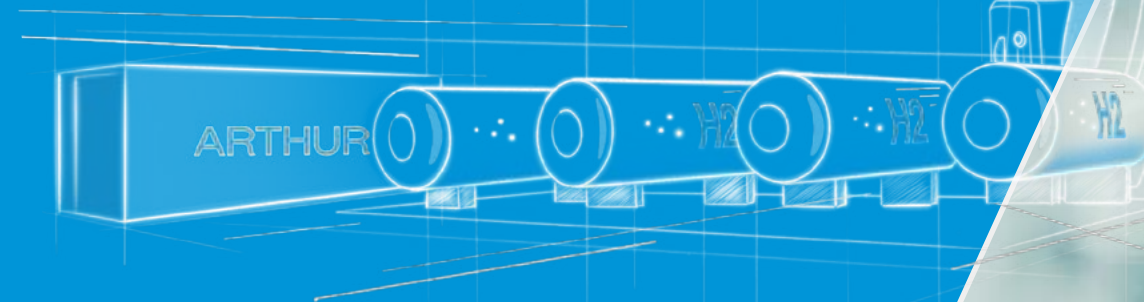
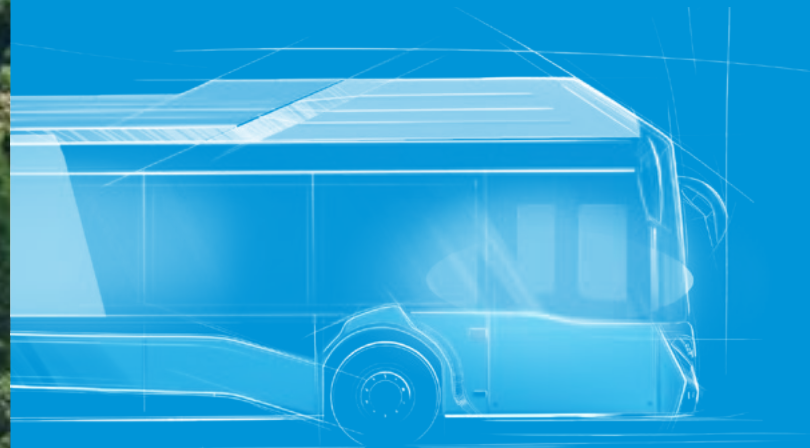


LET'S MAKE
WHAT THE
FUTURE BRINGS.

ARTHUR develops solutions for emission-free mobility.
Along the entire value chain for a green future that we
can all enjoy.



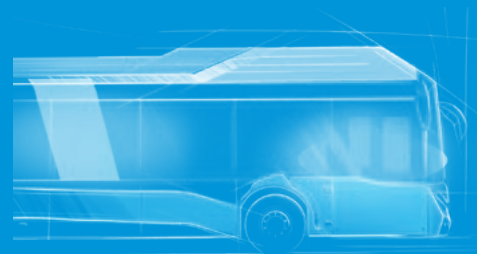
ARTHUR

AN ECOSYSTEM FOR MOBILITY THAT IS FREE FROM EMISSIONS.

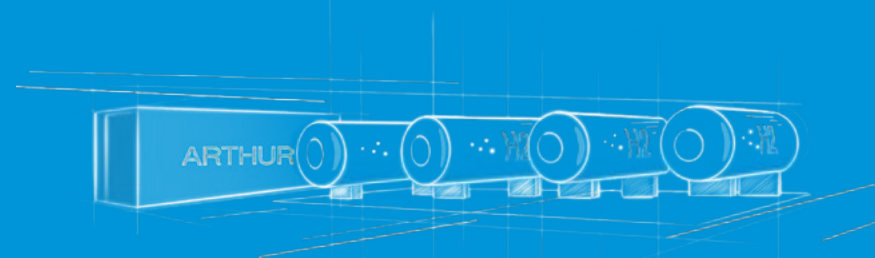
We only have this one planet.

This is why it is not enough for us to simply preserve Earth. We want to play an active role in new projects and develop solutions that move people forward without leaving nature behind. This requires a complete ecosystem designed in an integrated way.

From energy generation, to its storage and distribution, to emission-free mobility.



// EMISSION-FREE MOBILITY

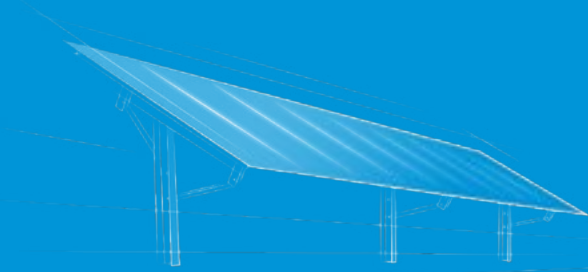


// ENERGY STORAGE

OUR APPROACH: CREATING SOLUTIONS.

Modern mobility is facing great challenges that we want to provide solutions for. Not sometime in the distant future, but now.

Our first solution focuses on public transport, where ARTHUR can make a direct and systematic contribution to zero-emission mobility that is accessible to all without sacrificing comfort and performance.



// RENEWABLE ENERGY



// ENERGY SUPPLY

SUSTAINABLE PERFORMANCE: FROM 0 TO 100 % IN ZERO EMISSIONS.

May we present the ARTHUR ZERO.
Currently the world's most advanced
hydrogen bus.



ARTHUR BUS

One solution for today's mobility challenges is obvious by now: Zero emission! The only question is how to get there... With ARTHUR BUS, we are already accelerating the transition to zero-emission mobility in public bus transport.



THE ARTHUR H2 BUS

COST EFFICIENCY

The ARTHUR H2 BUS has a unique energy concept which harnesses electrical and thermal energy from batteries, electrical components, and the power train. This results in:

- // More range and better availability
- // Lower fuel consumption compared to competitors
- // Lower operating costs compared to similar models
- // Innovative and holistic energy concept

HIGH LEVEL OF CUSTOMIZATION

Our customization process creates the perfect balance between the customer's operational concepts and product specifications.

END-TO-END SOLUTION FOR HYDROGEN TRANSPORTATION

ARTHUR offers infrastructure solutions to customers for public transport with end-to-end hydrogen operational concepts.

CONTINUOUS PRODUCT SERVICING

ARTHUR offers continuous product servicing, including predictive maintenance, spare-part availability, and intelligent connection with big data.

MORE THAN THE SUM OF INDIVIDUAL SOLUTIONS.

Based on the experiences made with previous outputs, our engineers have combined the best and most innovative components to realize the highest level of performance and energy efficiency.

HYDROGEN TANK



- // Better weight distribution
- // Optimum range

FUEL CELL



- // Optimized efficiency
- // Low hydrogen consumption

DRIVE AXLE



- // High power
- // Superior level of passenger comfort

BATTERIES



- // Guaranteed durability
- // High safety standard

ARTHUR H2 BUS 12 M: TECHNICAL SPECIFICATIONS

BASIC TECHNICAL SPECIFICATIONS

LENGTH	12,015 mm
WIDTH	2,527 mm
HEIGHT	3,300 mm
WHEELBASE	5,950 mm
RANGE	> 500 km*

DRIVE SYSTEM

FUEL CELL	60 - 125 kW
ELECTRIC MOTOR	2 x 125 kW
HYDROGEN TANKS	350 bar / 37.5 kg TYPE 4
TRACTION BATTERIES	15 - 45 kWh LTO

CHASSIS AND DRIVE SYSTEM

FRONT AXLE	ZF RL 82 EC
REAR AXLE (DRIVE)	ZF AVE 130 - GEN 4
LUBRICATION SYSTEM	AUTOMATIC CENTRAL LUBRICATION-SYSTEM
STEERING	ZF-SERVOCOM
BRAKES	EBS, ABS, ASR, WABCO; HANDBRAKE

*depending on the vehicle load

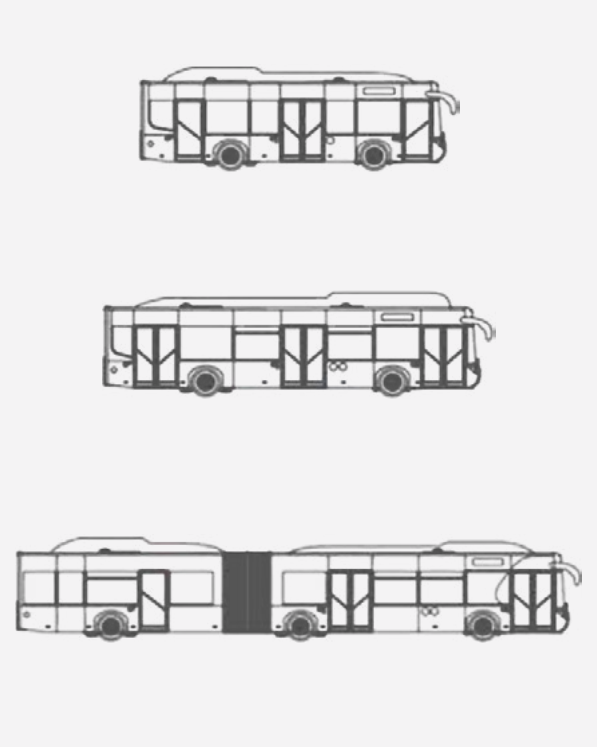
EXPANSION OF THE PRODUCT LINE

With the ARTHUR ZERO hydrogen bus, we are launching the ZERO product line. Further zero-emission buses, all featuring enhanced cell technology, will follow. To satisfy the various challenges related from different applications, the ZERO product line will include a wide range of electric bus configurations.

ARTHUR H2 BUS 12 M FUEL CELL



10, 12 AND 18 M ELECTRIC DRIVE



ARTHUR H2 BUS 18 M FUEL CELL





SOMETIMES INNOVATION IS THE BEST SERVICE.

- // Rapid response from our specially trained technical team
- // Availability of spare parts
- // Predictive maintenance
- // Digital 24/7 monitoring of the product with smart automation
- // Big-data connectivity for optimum long-term operation

THE PEOPLE BEHIND THE ARTHUR VISION.

Over 50 engineers are currently working on the next generation of our emission-free buses. What connects everyone is the knowledge that emission-free mobility is no longer an option, but a necessity – and the mutual enthusiasm for a green future

HEAD OFFICE

ARTHUR BUS GmbH
Moosacher Str. 82a
80809 München
Germany

Phone: +49 89 747472-85
E-Mail: info@arthurbus.com

TEAM ARTHUR

CO-FOUNDER & CEO



PHILIPP GLONNER

FOUNDER & CHAIRMEN



GERHARD MEY

YOUR CONTACT FOR EMISSION-FREE MOBILITY.

Electric or hydrogen bus? Let us talk about what the best emission-free solution is for you. We are looking forward to it!

CTO



RAFAŁ SŁOMKA

+48 539 339 695
r.slomka@arthurbus.com
www.arthurbus.com

ARTHUR BUS Sp. z o.o.
Rynek Street 39/40
50-102 Wrocław
Poland



The fuel humanity
will need in the future
is inventiveness.

PHILIPP GLONNER
CO-FOUNDER AND CEO OF ARTHUR BUS

ARTHUR