



W O I M A

CORPORATION

BROCHURE

WOIMAcare® O&M
SERVICE AGREEMENTS



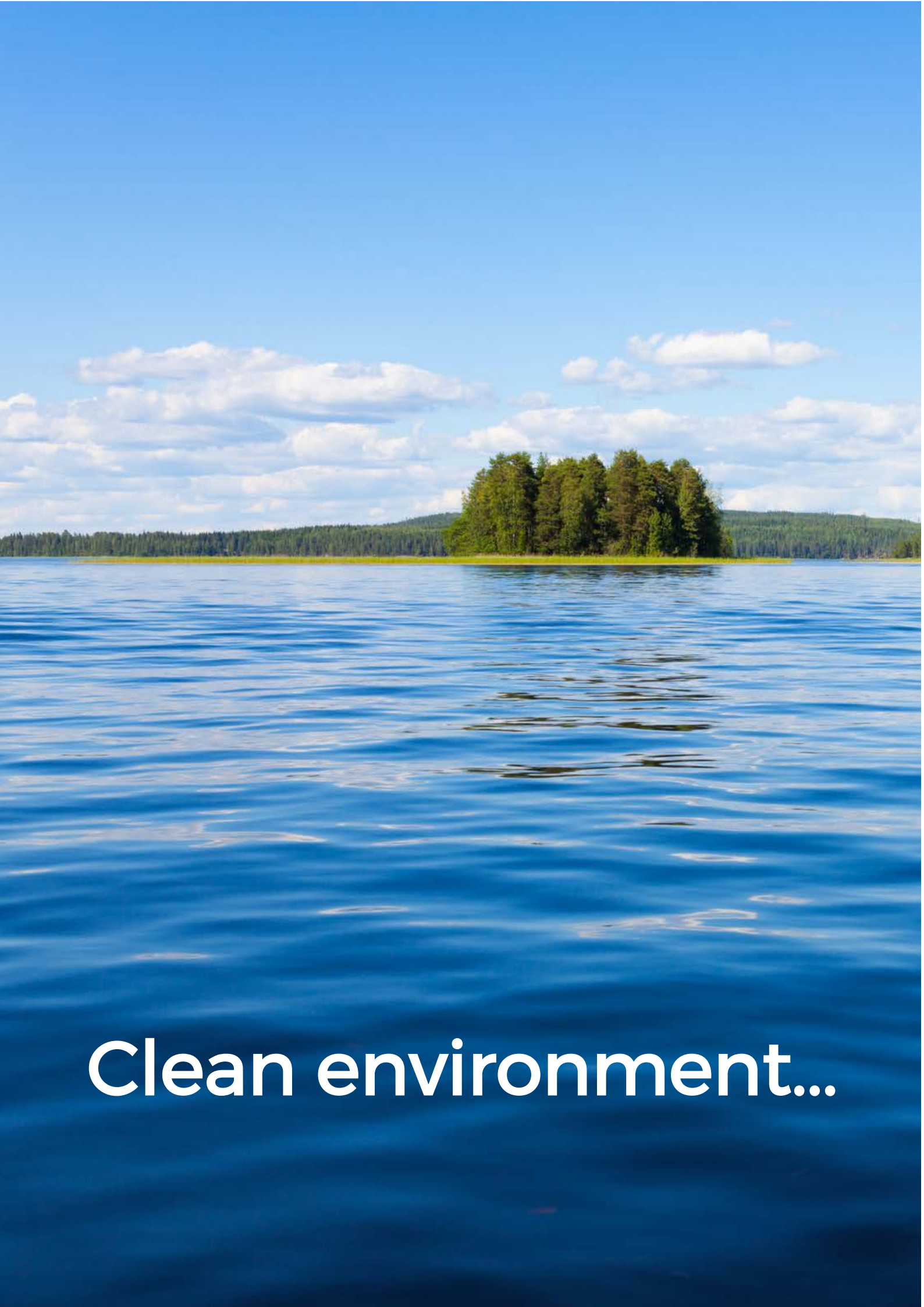
WOIMAcare® O&M SERVICE AGREEMENTS

WOIMAcare® offers a wide range of service and spare part agreements for the *waste*WOIMA® power plants and their waste pre-sorting solutions. Whether it is as simple as supplying spare parts and supervision for annual service overhauls or as comprehensive as managing complete power plants, there is something in our portfolio for every type of customer or application need.

At WOIMAcare® our business is operating, maintaining and managing the *waste*WOIMA® power plants and their auxiliary equipment. WOIMAcare® is unrivaled in its capability to service the WOIMA products. With access to the OEM knowledge center in our headquarters, where the WOIMA worldwide service experience and operational *waste*WOIMA® data is consolidated, we are able to successfully deliver proven industry practices to any locality in order to maximize the investment returns from your *waste*WOIMA® power plant.

Staying ahead of the competition is a full time job. The service solutions in our portfolio are flexible and tailored to fit individual needs. The portfolio is divided into Long Term Service Agreements (LTSA) and Operation & Maintenance Agreements (O&MA). Partnering with WOIMAcare® allows you to focus on your core business, knowing that our team of professionals will deliver outstanding service.

		Agreed Terms & Conditions	Execution of Logistic Works	Higher Availability	Faster Trouble-shooting	Onsite Support	Performance Commitments
Long Term Service Agreements	LTSA						
Time and Spares Agreement	TSA	■					
Basic Maintenance Agreement	BMA	■	■				
Accelerated Maintenance Agreement	AMA	■	■	■			
Performance Maintenance Agreement	PMA	■	■	■	■		
Operation & Maintenance Agreements	O&MA						
O&M Support Agreement	OMSA	■			■	■	
O&M Management Agreement	OMMA	■	■	■	■	■	
Full Operation & Maintenance Agreement	FOMA	■	■	■	■	■	■



Clean environment...

WOIMAcare® LTSA

Long Term Service Agreements



The LTSA program is a series of long-term contractual relationships, with WOIMAcare® providing maintenance services and spare parts for the *waste*WOIMA® power plant and auxiliary equipment. The portfolio ranges from a frame agreement like the Time and Spares Agreement to tailor-made Maintenance Agreements in which WOIMAcare® plays a larger support role also in the logistics planning.

The Maintenance Agreements range from a Basic Maintenance Agreement covering preventive maintenance services and spare parts to the Performance Maintenance Agreement in which WOIMAcare® acts in partnership with the customer to manage plant downtime and achieve superior operational availability. Typical contract term is five years.

Time and Spares Agreement (TSA)

Under the TSA the customer has a dedicated point of contact within the WOIMAcare® after sales network. Typically, a frame agreement is signed outlining the terms and conditions for any services or supplies ordered by the customer. The customer is responsible for logistics planning and orders spares and service when needed. Since the commercial relationship has already been established and terms of service are predefined, administration is reduced and orders are processed faster.

Benefits of TSA

- Pre-agreed terms and conditions
- Reduced order processing times
- Price predictability

Basic Maintenance Agreement (BMA)

The Basic Maintenance Agreement (BMA) is the first level of our Maintenance Agreements. With the BMA the customer is assigned a dedicated contract manager who is responsible for the scheduling and logistics of each maintenance task, as well as monitoring customer needs and work execution. It is a long term arrangement covering the supply of spare parts and site supervision services for specified planned maintenance intervals within a predefined period.

The maintenance plan is dependent on operating hours and conditions and is thus defined separately for each *waste*WOIMA® power plant.

Benefits of BMA

- Preferred pricing
- Key account relationship
- Collaborative maintenance planning
- Spare part and service logistics responsibility
- Regular meetings at management level

Advanced Maintenance Agreement (AMA)

The AMA is designed for customers who place a premium on reducing plant outages for planned maintenance by using a pit-stop-style approach. Strategic spares are kept in stock at site for rapid exchange during maintenance, reducing the scheduled outage time. After the exchange, the equipment is returned to service and the removed spare parts undergo reconditioning and quality inspection before being added to the strategic stock of spares parts or they are scrapped and replaced. In addition to the scope and services provided in the BMA, the customer benefits from preferential pricing on an initial stock of strategic spare parts.

Benefits of AMA

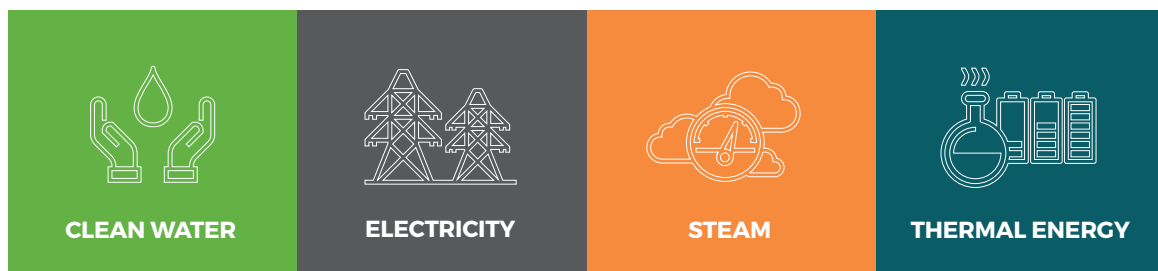
- Reduced downtime for planned maintenance
- Preferential pricing on strategic spares packages
- Option for full maintenance crew from WOIMA
- Strategic stock for reducing unscheduled maintenance outages

Performance Maintenance Agreement (PMA)

The PMA is the most comprehensive offering in the LTSA program covering both planned and unplanned maintenance. The contract is structured so that the customer and WOIMAcare® are aligned and incentivized to meet certain defined performance goals. The PMA includes remote monitoring, periodic on-site support, priority access to spare parts, as well as logistics support to minimize unscheduled events.

Benefits of PMA

- Availability commitments
- Price predictability for scheduled and unscheduled maintenance
- Priority access to spare parts with long lead times
- Faster troubleshooting and fault elimination
- Regular data reporting and analysis sharing



WOIMAcare® O&MA Operation & Maintenance Agreements



The O&MA program is a series of long-term contractual relationships in which WOIMAcare® O&M plays a larger role in the management and operation of complete power plant facilities on top of the maintenance services. All O&MA products include at least the TMA covering the long term provision of spare parts and availability of on-site services.

The product portfolio ranges from advisory management support to full management, operation and maintenance of the *wasteWOIMA*® power plant, possibly including performance guarantees. These enable the customer to outsource parts or all of the power plant operations to WOIMAcare®. The contract term typically ranges from three to ten years.

O&M Support Agreement (OMSA)

The OMSA is an advisory agreement in which WOIMAcare® offers one or more operation and maintenance specialists to provide guidance to the customer during the mobilization and operations of the power plant. The scope can be tailored to include support modules for management, operations, maintenance and administration of the power plant, training its staff, and other contractual obligations.

Benefits of OMSA

- Management and supply of spare parts and service
- On-site support from experienced professional(s)
- On-the-job mentoring
- Proven methods and procedures

O&M Management Agreement (OMMA)

The OMMA embeds WOIMAcare® staff into key management positions in the customer's operation and maintenance organization. The scope may include the provision of a mobilization manager who will hire the staff, manage the outfitting of the organization and plant, the establishment of the Computerized Maintenance Management System (CMMS), and development of standard procedures on behalf of the customer.

During the operations period WOIMAcare® staff will assume the key positions and authority to manage the customer's organization in the execution of all administration, operation and maintenance activities. WOIMAcare® is committed to the operations of the plant for the duration of the contract term.

Benefits of OMMA

- Management responsibility of the entire facility on a 24/7/365 basis
- On-site mentoring
- Management and supply of all power plant spare parts and related services
- Downtime commitments for scheduled maintenance

Full Operation&Maintenance Agreement (FOMA)

The FOMA is the most comprehensive offering in the WOIMAcare® after sales program. It is a holistic solution in which WOIMAcare® manages, operates and maintains the complete facility on behalf of the customer.

The scope includes mobilization services prior to the start of commercial operations such as the hiring of the staff, staff and plant outfitting, establishment of a Computerized Maintenance Management System (CMMS), and development of standard procedures.

From the start of commercial operations WOIMAcare® is responsible for the management, operations and maintenance of the full power plant facility including daily operations, routine maintenance, major overhauls and inventory management. WOIMAcare® is committed to the performance of the plant

Benefits of FOMA

- Responsibility for the entire facility 24/7/365
- Performance commitments
- Proven operation & maintenance practices
- Single point of responsibility
- Local solution, global support



Additional WOIMAcare® Solutions

Services for Superior Performance

Performance Assessment (Audit)

WOIMAcare® Performance Assessment Module includes the evaluation of technical equipment, organizational structure, staff skills and competency, operations and maintenance practices. Assessment starts with performance benchmarking and ends with an optimization plan to return the facility to a target level of sustainable performance.

Benefits

- Professional unbiased evaluation
- Written report and implementation plan
- Knowledge transfer of O&M methods

Remote Monitoring Service (ReMoS)

The WOIMAcare® ReMoS securely transfers key power plant data from any place in the world to the WOIMAcare® headquarters. Experts analyze this data and provide the customer with written recommendations. With ReMoS+ we can even operate the *wasteWOIMA*® power plant remotely ensuring maximum productivity.

Benefits

- Monthly operations reports
- Early detection of sub-optimal performance indicators
- Faster troubleshooting and fault elimination
- Enhanced predictive maintenance capabilities

Computerized Maintenance Management System (CMMS)

CMMS is a software program which helps optimize maintenance planning. It is set up to organize all data and processes related to the *wasteWOIMA*® power plant maintenance activities including the planning of spare parts requirements and work flows, as well as the simplification of warehouse management and purchasing control.

Benefits

- Improved warehouse management and spare parts inventory control
- Simplified purchasing, budgeting and financial planning
- Documentation for maintenance schedules and all relevant task descriptions within the system

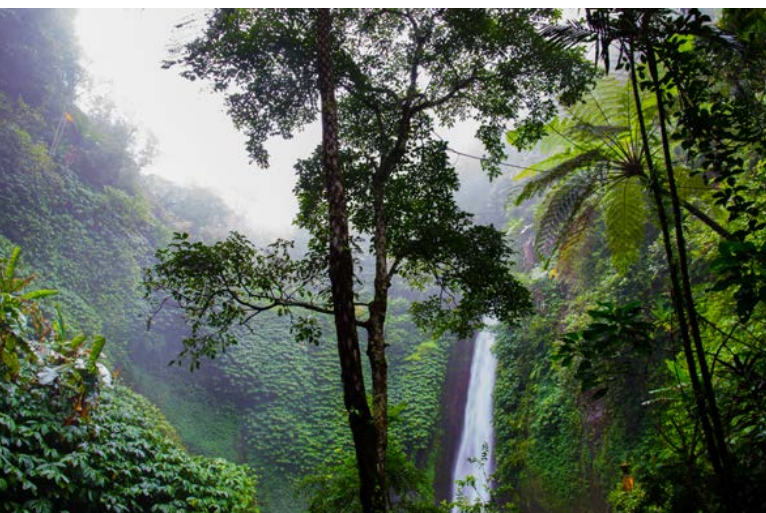
Flue Gas Treatment Chemical Supply (FGTS)

WOIMA has supplier and logistics contact for the flue gas chemicals used in the *wasteWOIMA*® power plant air emission abatement system all over the world. The use of these chemicals is mandatory to fulfill the local air emission requirement standards.

WOIMA delivers the accurately mixed hydrated lime and activated carbon mixture as well as urea onto the site just-on-time. Correct chemical properties and dosing ensure that the harmful particles and compounds in the flue gas are removed as efficiently as possible. Only water vapor and CO₂ is released from the stack.

Benefits

- Potential cost savings in chemical orders
- Simplified logistics solution
- Optimized chemical quality and quantity
- Monthly consumption reporting
- Fulfilling even the strictest air emission standard requirements



World-class Services

*waste*WOIMA® Power Plants and Equipment



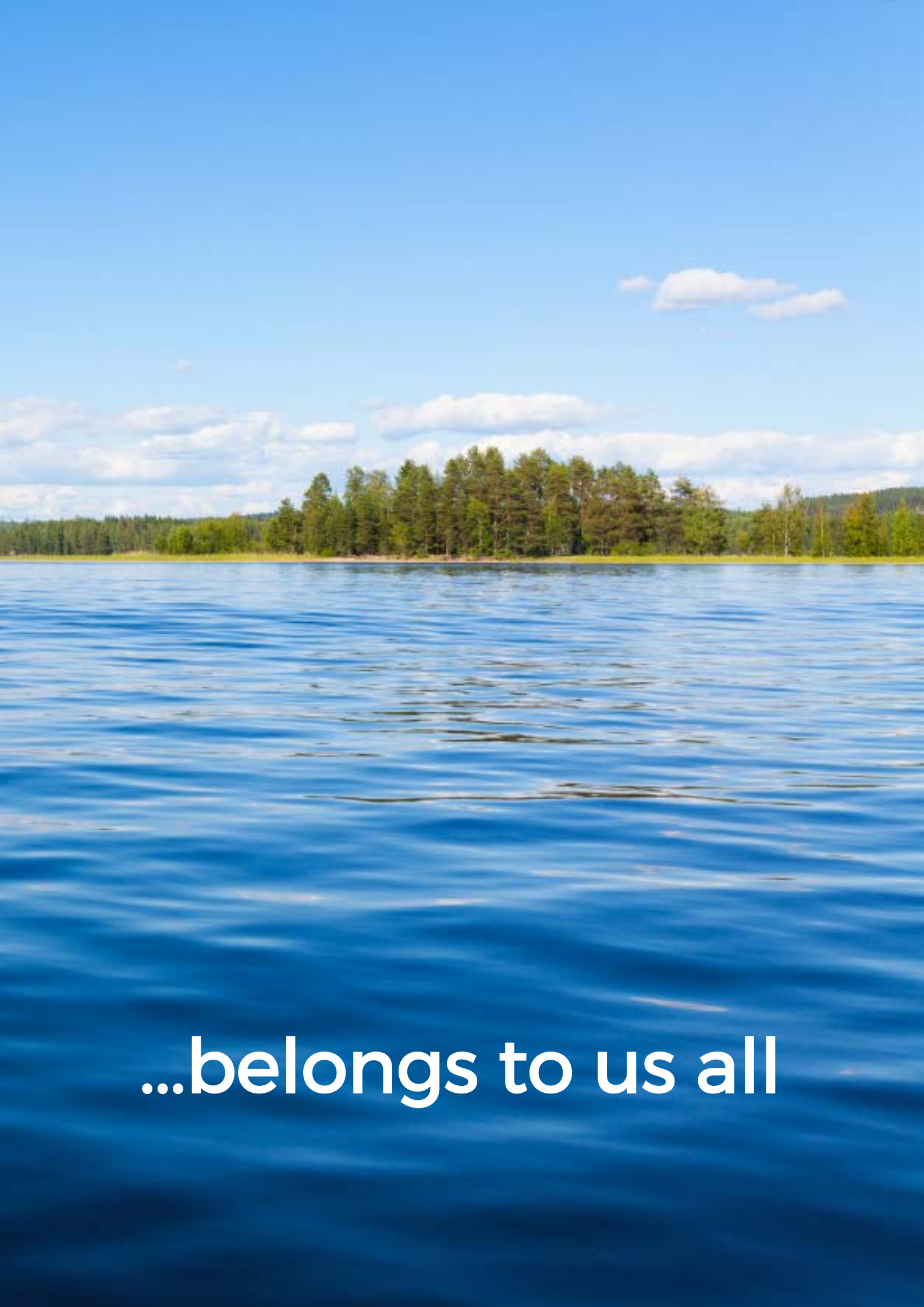
WOIMAcare® Offering

WOIMAcare® offers worldwide, round-the-clock service, 365 days a year. In addition to our service headquarters in Vaasa, Finland, service partners on all continents provide comprehensive and continuous support. WOIMA equipment is renowned for its quality and durability. We are a global organization with a strong local presence, delivering superb field service management, tailor-made solutions, and first-class technical support.

WOIMAcare® provides advice and assistance to customers throughout the plant life cycle, from delivery to decommissioning. We respond rapidly to customer needs to ensure maximum uptime, offer outstanding service and unrivalled technical expertise. Our genuine spare parts safeguard the longevity of your *waste*WOIMA® plant.

WOIMAcare® Aims at Providing

- Prompt delivery of high-demand OEM spares
- Fast, reliable and competent customer support
- Continuous training and qualification programs
- Diagnosis and trouble-shooting with ReMoS



...belongs to us all

The *wasteWOIMA*® power plant uses non-toxic municipal, institutional, commercial, industrial and/or agricultural waste streams to produce saturated steam, electricity, thermal energy and/or potable water. Each *WOIMAline*® incinerates roughly 170 tons of waste per day to generate 3.7 MW_e of electrical power or 2.4 MW_e / 10 MW_{th} in co-generation.

Several *WOIMAlines*® can be interconnected to create larger configurations. Their modular structure enables fast up- and down-scaling of power generation capacity.



BENEFITS

WASTE MANAGEMENT

- Creating new business potential
- Simplifying waste logistics
- Reducing environmental impacts
- Matching future regulations
- Postponing landfill investments
- Green image benefits

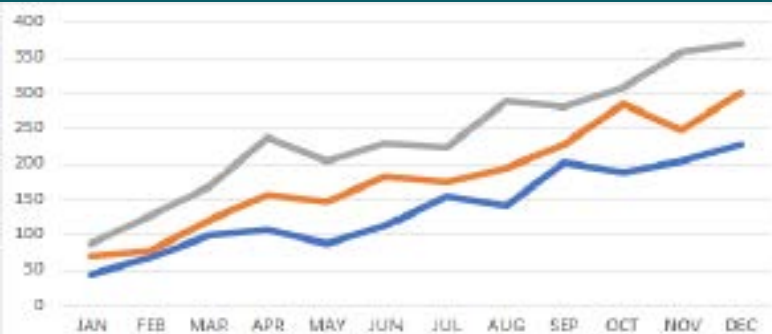


POWER & UTILITY

- Decentralizing power generation
- Enabling off-grid solutions
- Offering fuel & production flexibility
- Harnessing endless fuel source
- Utilizing carbon credit schemes
- Fast plant delivery

INVESTORS

- Excellent return on investment (ROI)
- Scalable business model
- Diversified investment portfolio
- Vendor arranged funding
- Fast project roll-out
- Plant relocation option



OTHER STAKEHOLDERS

- Turning waste into local wellbeing
- Health & environmental benefits
- Local reliable energy supply
- Educational & job opportunities
- Improving living conditions
- Implementing development funding



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YOUR LOCAL CONNECTION

