



envirada

CAPABILITY STATEMENT
IRRIGATION & AGRICULTURE

Measure Monitor Master

Who are we?

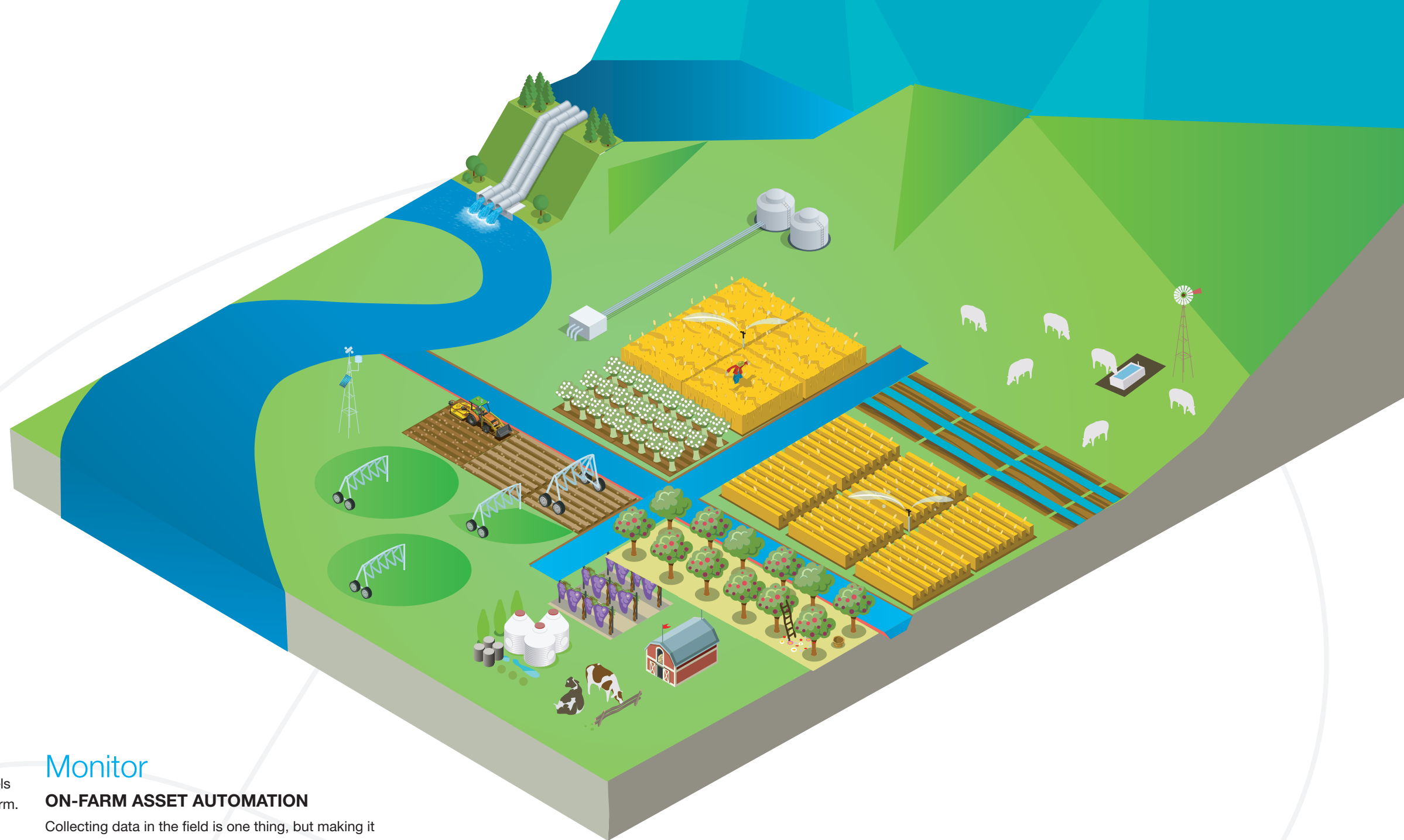
Envirada is dedicated to minimising environmental impacts for growers, governments and corporates, while also improving industry productivity and community resources. We do this using our market leading hardware and technology platforms to engage directly with local customers and globally via our channel partner network.

Through our end to end solutions, Envirada provides the hardware, monitoring, connectivity and smarts that enable effective water management and environmental stewardship.



Envirada Industry Leading Brands





Measure

WATER STORAGE

Our range of sensors can measure tank, pond, dam, borehole or channel levels. An understanding of water levels gives immediate insights into the water balance on your farm.

CLIMATE & SOIL

Our range of automated weather stations and climate sensors are field proven and will provide you with accurate, immediate, local weather information. We offer a complete range of soil moisture sensors, that utilise different measurement technologies to provide a solution for any application.

FLOW METERING

We believe that the best source of water flow information is a magnetic flowmeter. These are incredibly robust, have no moving parts and can be counted on to return reliable and accurate data for years.

ENVIRONMENTAL MONITORING

If environmental compliance is critical for your farm, we have a range of meters and sensors that can accurately measure out flows and run-off in water and soil.

Monitor

ON-FARM ASSET AUTOMATION

Collecting data in the field is one thing, but making it available to a grower who can use it to make decisions is when the data becomes valuable. We bring data to a desktop, tablet or mobile phone. Our automation technology monitors any sensor and takes action to protect and control infrastructure such as water tanks and pumps

IMAGE CAPTURE

Sometimes quantitative data isn't enough. You actually need to see what's going on. This can be done simply, quickly and economically through our range of still, or live, streaming cameras, which can be connected for web display.

COMPLIANCE AND MANAGEMENT REPORTING

Using our cloud based time-series databases, we can customise reports, alarms and alerts to save you time and maximise your ability to respond to the dynamic nature of the water balance on your property.

Master

IRRIGATION INFRASTRUCTURE CONTROL SYSTEMS

Our renowned Gatekeeper control system is capable of delivering water to up to, and beyond, 1000 end users in an irrigation scheme. It is capable of managing the complexity of open channel systems, pipeline systems, gates, valves, pump stations, and dams.

CENTRE PIVOT IRRIGATION

Upton Agricultural Technology is Australia's leading manufacturer of irrigation machines and agricultural water management solutions. They design, build and install a wide range of centre pivot and linear move mechanised irrigation systems

PUMP SYSTEMS

Our team supplies and services and repairs pumps, pump skids and pump control panels for on and offfarm applications. Our expert team can help design a pumping system to meet any needs.

IRRIGATION AUTOMATION

Our Rainman control platform is a SCADA based control platform that can be solar or AC powered. It is able to control large numbers of valves, gates or pumps using conventional wires, two wire decoders or wireless nodes. It is a versatile system suited to most applications.

Irrigation Monitoring and Control

The Aquamonix Solution for Water Distribution Networks provides an integrated control and monitoring system to ensure water availability, enabling producers to maximise yields. Effective water delivery requires the monitoring and control of the water supply, the infrastructure network and the distribution outlets. The Aquamonix system manages all this infrastructure, adjusting for pressure, level and system delay requirements.

Aquamonix EMFLUX is an Australian based manufacturer of Electro-Magnetic Flowmeter technology for water monitoring applications, with over 50 years continuous track record and an installed base of more than 40,000 sites. Aquamonix EMFLUX pattern approved flow meters are designed and built in Australia in sizes from 50mm to 1500mm and flow rates up to 5000 l/s.



Centre Pivot Irrigation

Upton Agricultural Technology is Australia's leading manufacturer of irrigation machines and agricultural water management solutions. They design, build and install a wide range of centre pivot and linear move mechanised irrigation systems. Upton specialise in full turnkey irrigation installations comprising a total package of pumps, pipelines, irrigators, automation and an integrated cloud based agronomy packages to assist farmer's decisions of when, and how, to apply water to crops.



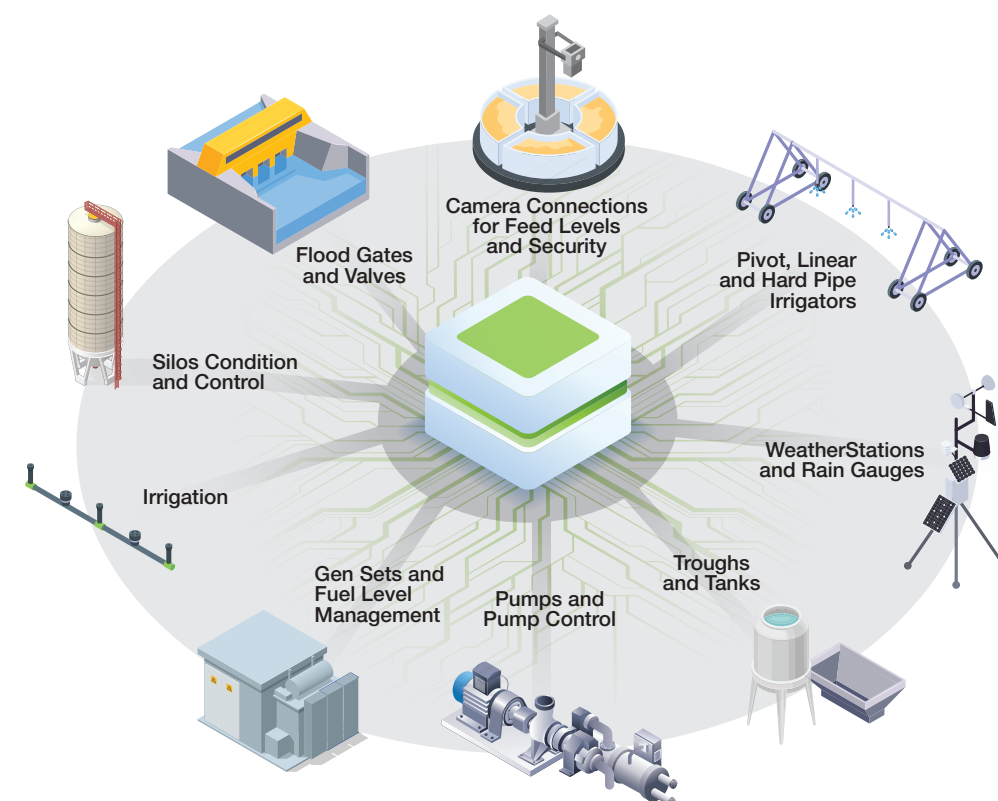


On Farm Automation

The Aquamonix range of connectivity solutions has been providing automation of irrigation and infrastructure over 30 years. Our technology is proven in the harshest conditions with over 3000 commercial grade irrigation control systems installed across Australia

The hardware is designed to accept any process or environmental sensor input making it a perfect solution to provide accurate real time farm data. Moisture monitoring and Evapotranspiration based decision control ensures efficiencies saving water and energy.

The system is customisable to suit the exact requirements of your farm and is designed to integrate with most of your existing infrastructure saving you upfront costs.



Pump Systems

Reliable pumping systems ensure water is available on demand for irrigation needs. Pump Engineers supplies, services and repairs premium pumping equipment across multiple industries.

Pump Engineers' service division offer a wide range of services to ensure the efficient and reliable operation of pumping equipment.

These services include:

- Pump selection and sizing
- Pump installation and commissioning
- Troubleshooting and repairs
- Efficiency upgrades
- Performance monitoring and data analysis



Civil Contracting & Farm Services

For over 30 years we have been irrigating Australia, providing reliable products and services for gardens, farms, dairy, broadacre cropping and horticulture, and sporting fields.

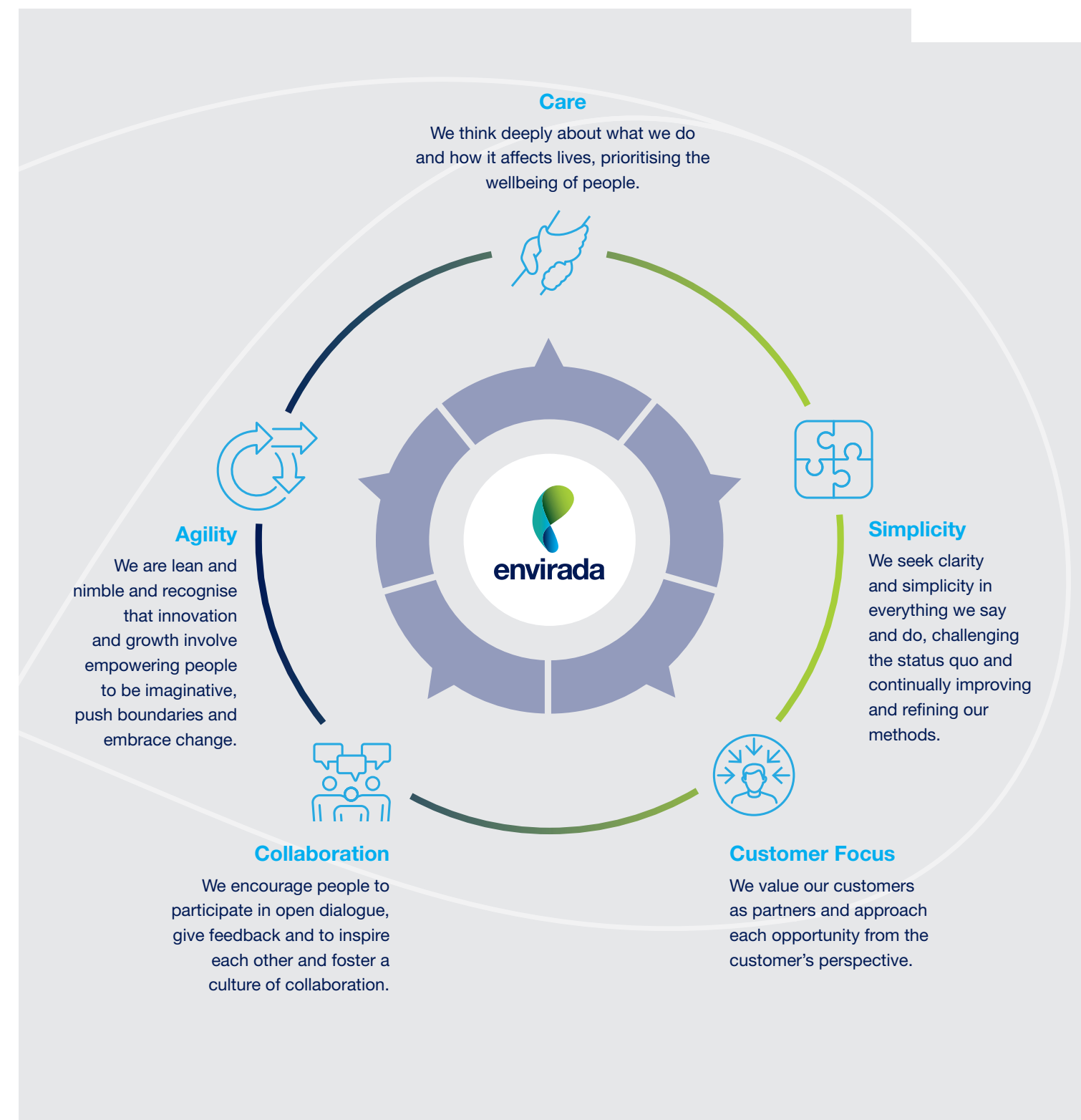
Whether you source water from a river or lake, mains water or bore water we provide the latest irrigation equipment, technical expertise and latest water efficiency technologies from around the world.

Providing fully integrated solutions including:

- System design
- Products supply
- Infrastructure Installation
- System installation
- Service and repair



Our Values





CONTACT US

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