Bentley

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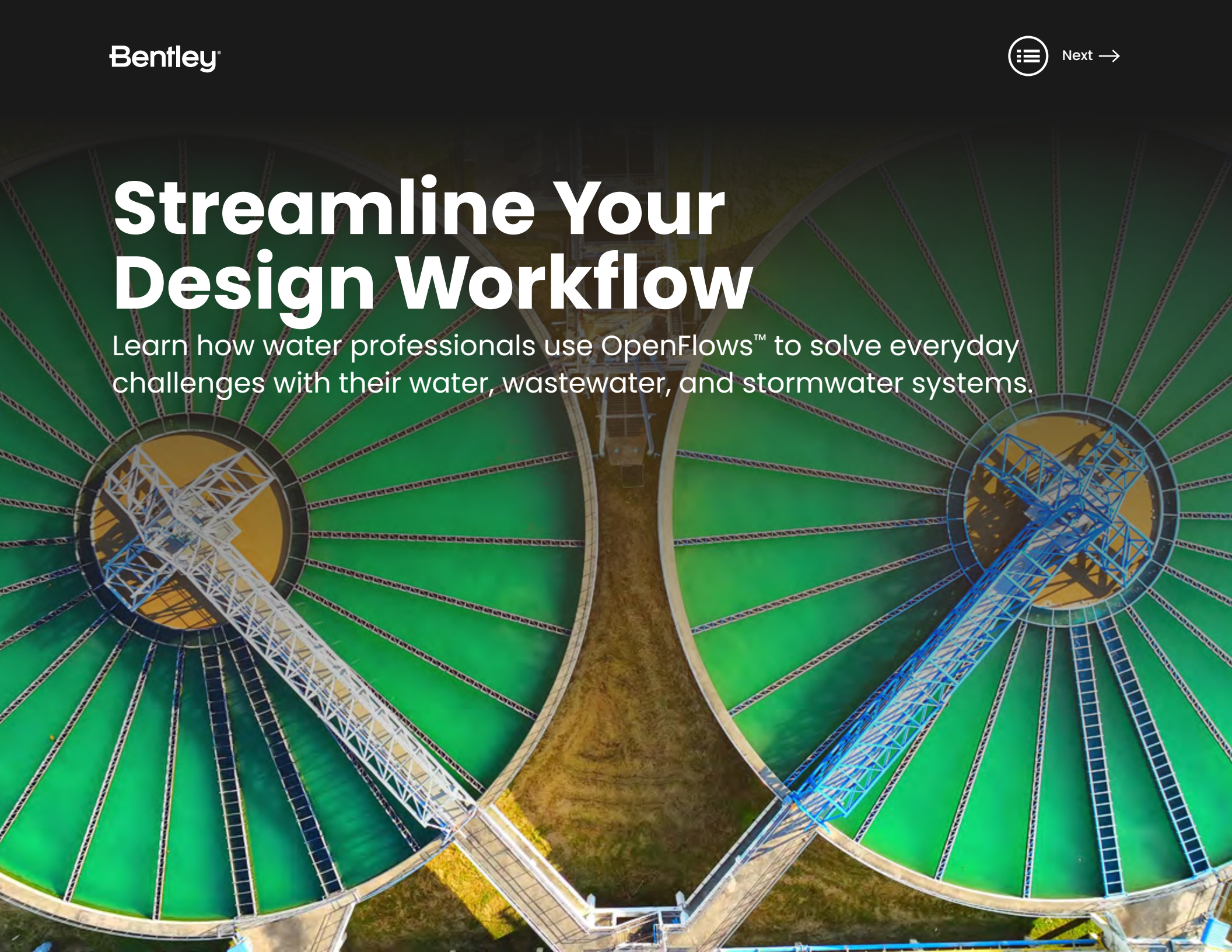
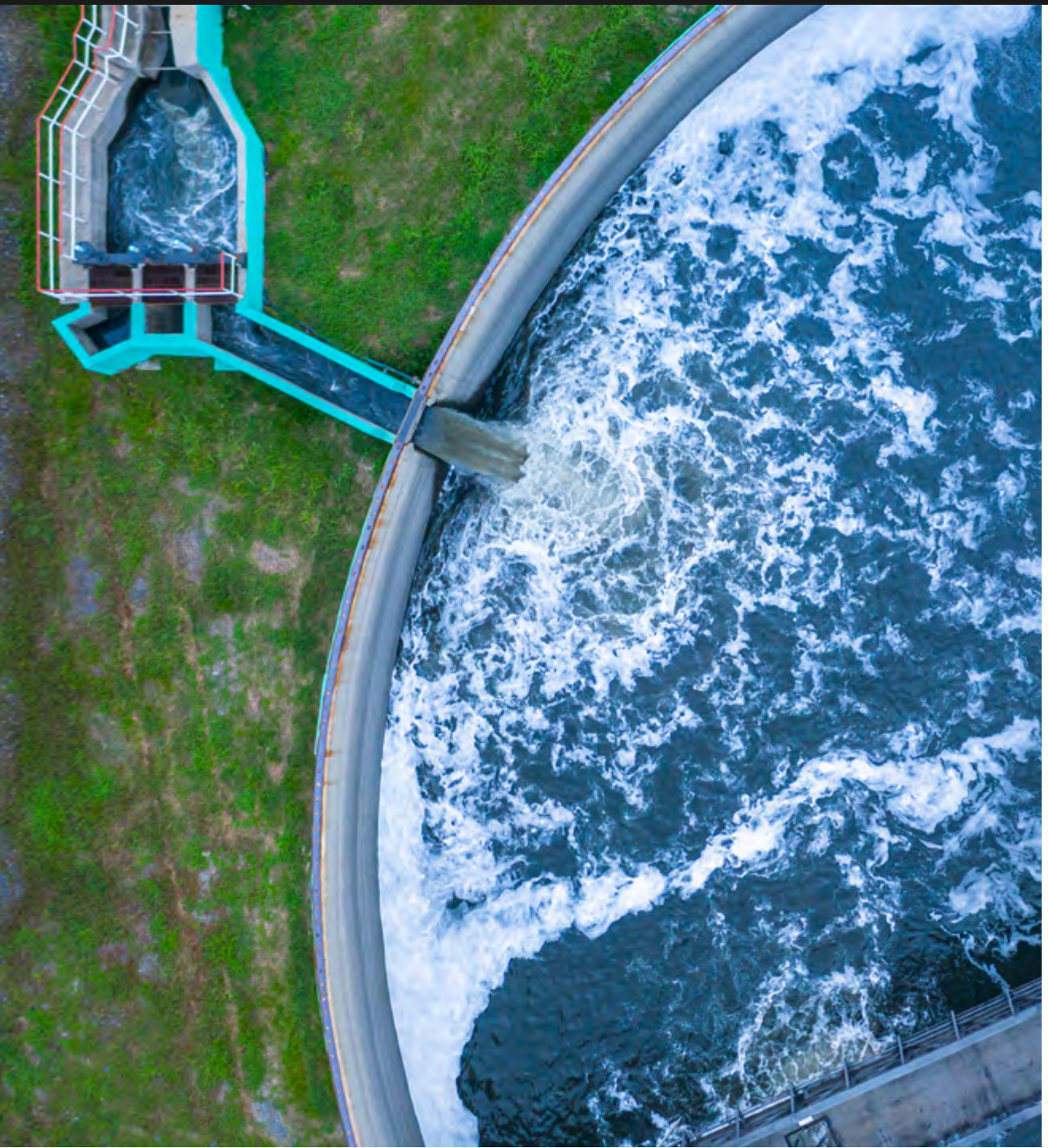
Streamline Your Design Workflow

Learn how water professionals use OpenFlows™ to solve everyday challenges with their water, wastewater, and stormwater systems.





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Water Engineer or Designer

The Challenges

- Ensure reliable delivery of safe drinking water to customers by predicting and solving network system problems.
- Ineffective calculation methods require manual input, creating potential errors in your designs.
- Using multiple platforms results in disconnected data and workflow disruption, affecting model precision.
- Using inefficient applications wastes precious time, resulting in lower-quality work when rushing to meet deadlines.
- Improve emergency response and mitigate the risk of catastrophic events.

The Solution

OpenFlows Water enables you to meet deadlines with optimized designs by providing:

- Efficiently built and reliable hydraulic models.
- Automated calculations and analysis.
- Platform versatility and compatibility with a wide variety of data sources.
- What-if scenario management.
- Transient simulation and analysis.

Wastewater Engineer

The Challenges

- Comprehensive analysis needs to be conducted on all aspects of sewer and storm systems.
- Ineffective calculation methods require manual input, creating potential errors in your designs.
- Using multiple platforms results in disconnected data and workflow disruption, affecting model precision.
- Potential flooding poses risks to residents, damages property and infrastructure, and disrupts utility services.
- Simplifying reports for design review adds more time to your already tight schedule.

The Solution

OpenFlows Sewer enables you to meet deadlines with optimized designs by providing:

- 1D/2D hydraulic analysis to better understand surface flooding depth and velocity, flood hazards, and inundation times.
- Multiple what-if scenario analysis and management.
- CAD, GIS, and SCADA interoperability for increased information mobility across departments and organizations.
- Critical storm analysis and overflow remediation to prevent flood risk.
- Customizable reporting that allows management to quickly and easily review designs.

Stormwater Engineer

The Challenges

- Plan, design, and analyze stormwater systems effectively.
- Evaluate stormwater infrastructure control strategies.
- Plan and design cost-effective system expansions and rehabilitation strategies.
- Mitigate risk and ensure system compliance.
- Minimize capital investments.

The Solution

OpenFlows Storm enables you to meet deadlines with optimized designs by providing:

- The ability to design the most cost-effective pipe sizes and invert elevations.
- 1D/2D hydraulic analysis for surface flood modeling.
- Decreased risk of stormwater flooding by detecting system bottlenecks and improving capacity.
- Critical storm analysis.
- High-quality stormwater system designs with minimal capital investments.

Working Together for Success

Obtaining software that helps you optimize your design workflow, increase profits, and keep your consumers happy is the first step toward success. We understand that committing to learning new software can be difficult and may keep you from upgrading to a more efficient solution. That is why we offer an array of resources that allows you and your teams to customize individual learning paths to support busy schedules and personalized learning styles.

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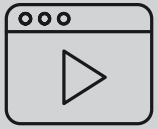

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