Flowserve continues its industry-leading performance, now with more design flexibility and increased customer value, including:

- **Engineered flexibility**: Customized configurations are available to meet the requirements of a diverse range of applications.
- **Unsurpassed hydraulic coverage**: Extensive hydraulic coverage meets any duty condition requirement.
- **In-depth pump analyses**: A full array of structural (reed critical frequency, nozzle loads, seismic calculations), rotor dynamic (torsional, lateral) and thermal analyses are available to optimize pump performance and reliability.
- **Shorter lead times**: Standardized designs allow for quick turnarounds.
- **Global design with regional features**: The product line is built around one trusted design with custom features that are unique to demands throughout the world.
- **Wide range of material options**: Customers can select from numerous materials, including iron, bronze, steel, stainless steel and super duplex, to maximize pump life in a variety of applications.
- **Local presence**: Multiple VTP manufacturing facilities located worldwide enable a seamless buying experience.
Incorporating customer insights to enhance product development

The Design to Value process is a collaborative approach for developing new products and enhancing existing products. Voice-of-customer insights ensure user expectations and needs are properly addressed. To improve value and functionality, Flowserve designs products that are optimized, longer-lasting, more cost-effective, energy-efficient and customizable.

Applications

Vertical turbine pumps are used in a wide range of applications, including:

- Intake water
- Circulating water
- Cooling water
- Irrigation
- Municipal water
- Chemical processing
- Storm water
- Oil and gas production
- Hydrocarbon booster
- Hydrocarbon transfer
- Pipeline booster
- Petrochemical transfer
- Condensate
- Water supply
- Water transfer
- Snowmaking
- Brine injection