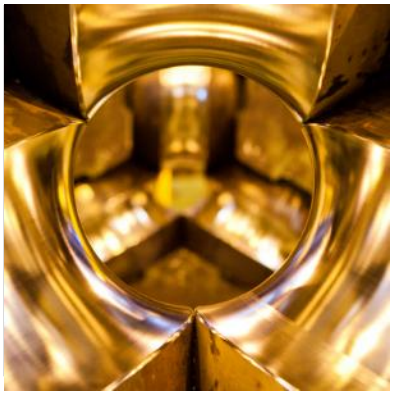
MANUFUTURE

2015/11/20

Daniel Strötgen







Vallourec: A world leader in premium tubular solutions

2014 Key figures

Sales volume
2,323kt

Sales
€5,701m

EBITDA
€855m

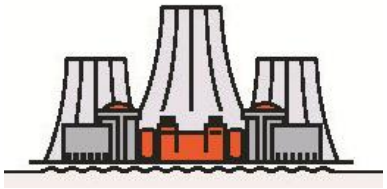
- **Serving the Oil & Gas, Power Generation and Industry activities**
- **Worldwide presence with 23,000 employees* in more than 20 countries**
- **Over 50 production facilities worldwide delivering a large spectrum of products for diversified applications**
- **Highly innovative with 6 advanced R&D and connection test centers located in France, Germany, Brazil and the U.S.**
- **A clear and constant strategy:**
  - **more premium, more local, more competitive**

** At December 31, 2014 (permanent and temporary contracts)*

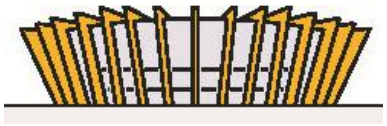
Vallourec major activities



- **Oil & Gas**
  - **Premium tubes, connections and services to explore and operate the most complex oil and gas reservoirs**

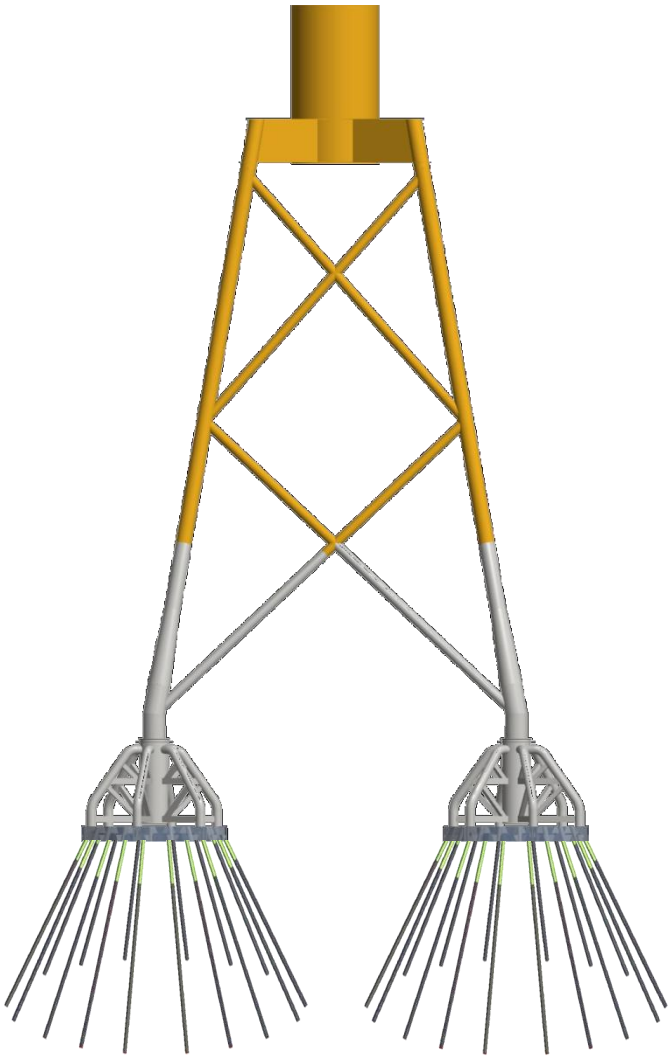


- **Power generation**
  - **A full range of tubes to operate conventional and nuclear power plants**



- **Industry**
  - **Hollow sections, seamless tubes and hollow bars for the mechanical engineering, automotive and construction industries**

PREON marine – Basic Characteristics



- **Substitution of large diameter piles by piles ∅ < 1m**
- **Environmental friendly**
  - Low-noise installation
  - No grout
- **Cost reduction**
  - Optimized logistic & production processes
  - Optimized installation procedures

PREON marine – Current Status

- **Prototype installation scheduled for 2018**
- **3 Turbines á 8 MW (North Sea)**
- **Commercialization 2018/19**



Pile tests
(Fraunhofer IWES Hannover)


vallourec