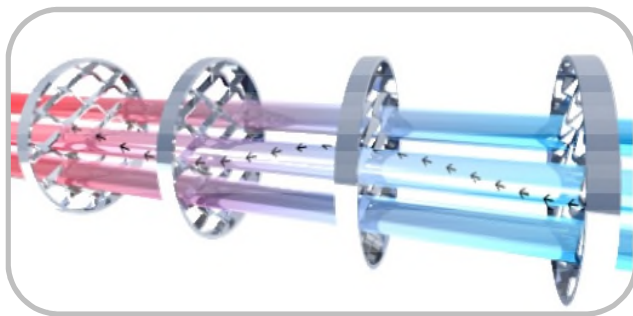


## The Game Changer in Critical Gas Applications

Shell&Tube Technology has typically to do with cross flow on the shell-side

This mechanism is anyway not so efficient; reason is that :

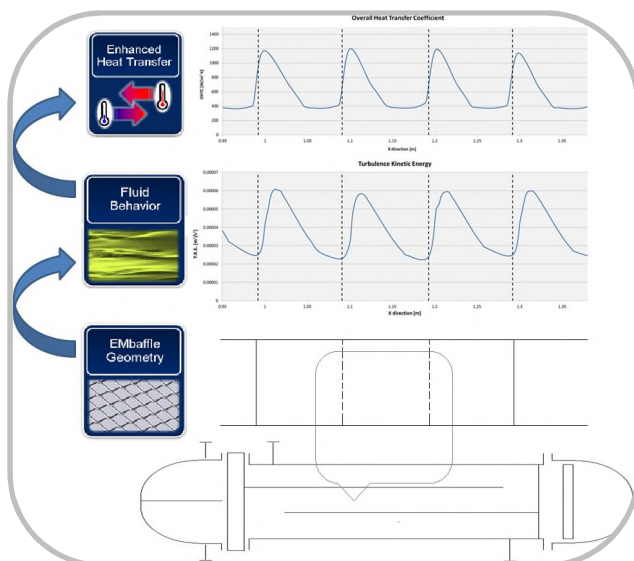
- + conventional (cross) baffles are prone to formation of “**dead zones**”, where particulate in suspension deposits,
- + **pressure drops** are significant because baffles create an obstacle to flow,
- + usual wide unsupported span, and the related pattern, can cause **vibration issues**



In **Gas Services** these issues do amplify and cannot be neglected

EMbaffle® realizes a **longitudinal flow** permitting to avoid all the intrinsic limitations related to the conventional cross flow

EMbaffle® makes use of a **customizable** shell-side design permitting to **govern the turbulence factor** effectively

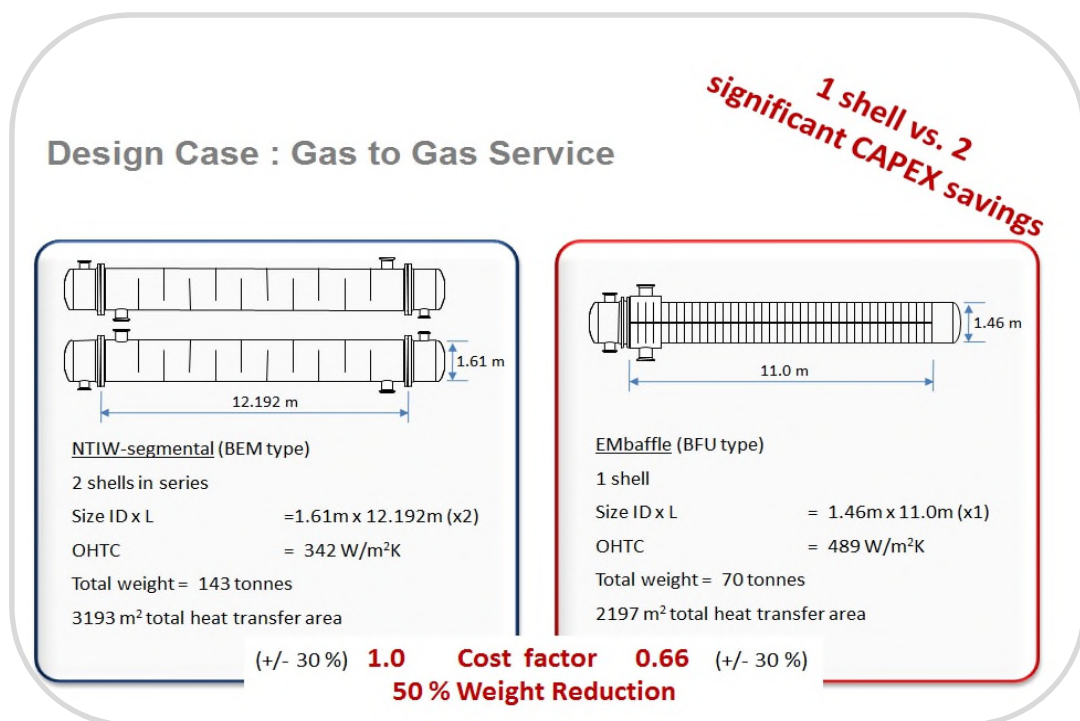


EMbaffle® proves successful in :

- + handling **low temperature approach** between fluids due to pure **countercurrent flow**
- + **eliminating mechanical vibrations** due to the nature of longitudinal flow and “continuous support” as assured by reduced grid spacing
- + **avoiding acoustic vibration** due to effective tube filling of the shell-side space

The proposed design case hereinafter refers to EMbaffle equipment currently operating in a critical line of a major facility in one of the principal Gas Fields in Northern Europe

Calculations have been performed with HTRI and data source file is available to qualified Professionals



### Promoting the EMbaffle® technology

EMbaffle B.V. is actively committed in the identification of new potential business opportunities

We operate in consolidated Oil & Gas markets and in emerging high value added segments

Please refer to us to know how to become part of our Network

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