

# Fast Tracking the Wave Energy Conversion Device Development Process

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Date: 30<sup>th</sup> March, 2017

Time: 14:20 ⇨ 14:30

Location: Marine Energy Wales Annual Conference, Liberty Stadium, Swansea

# Leading a High Performing Team and Establishing the appropriate Culture to Fast Track Product Development

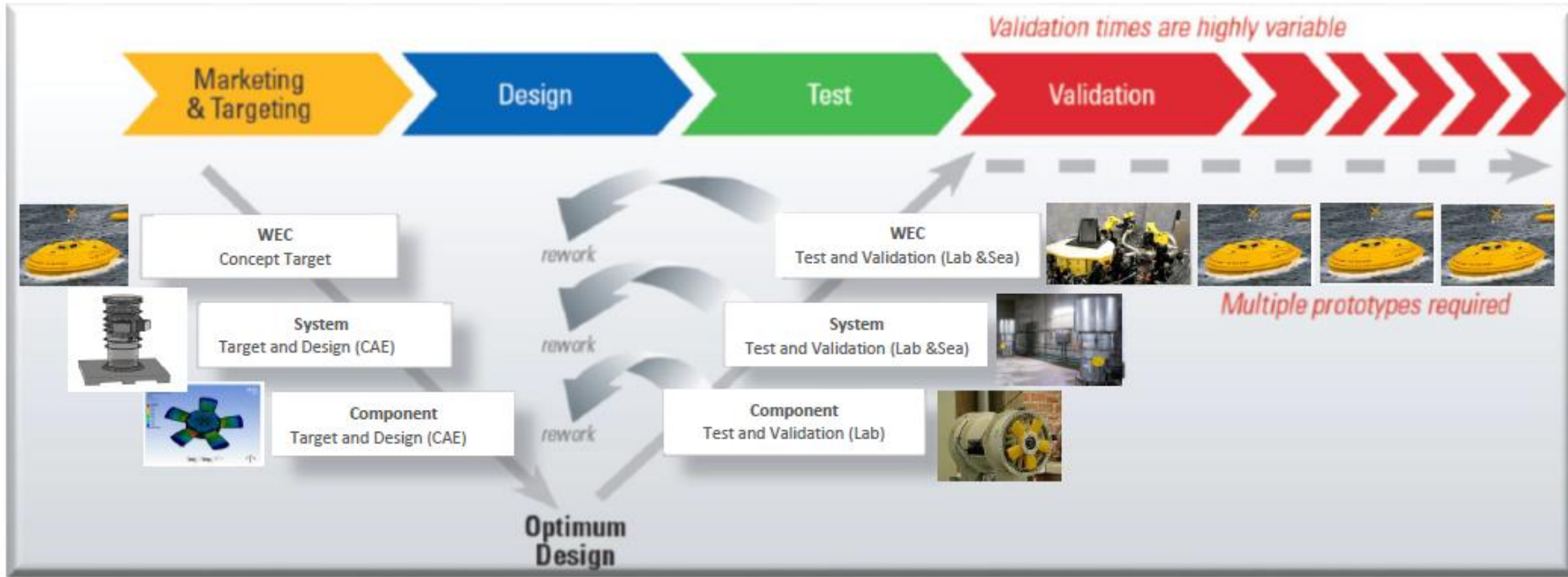
Being able to lead these multi-skilled high performance Teams is becoming increasingly important in all forms on engineering. The following are typical requirements:

- Work with the board to set timely and judicious Key Performance Indicators (KPIs), which are tracked, displayed and reviewed weekly in an Obeya style room.
- Review the Teams strengths and weaknesses and match the Team to task.
- Strategic planning for the future with clear direction.
- Improve standards, process and efficiency – reduce both waste and lead-times through true concurrent engineering.
- Establish trust at all levels.
- Communicate effectively and openly, networking through technology and in person.
- Instill a culture of creative thinking with a mantra of continuous improvement.
- Issue solving - take time to assimilate, review and then act decisively.
- Adapt to change, whether it be technology or legislation.
- Work with HR to provide tailored training for staff with regular reviews and ensure excellence in staff performance is suitably recognized.



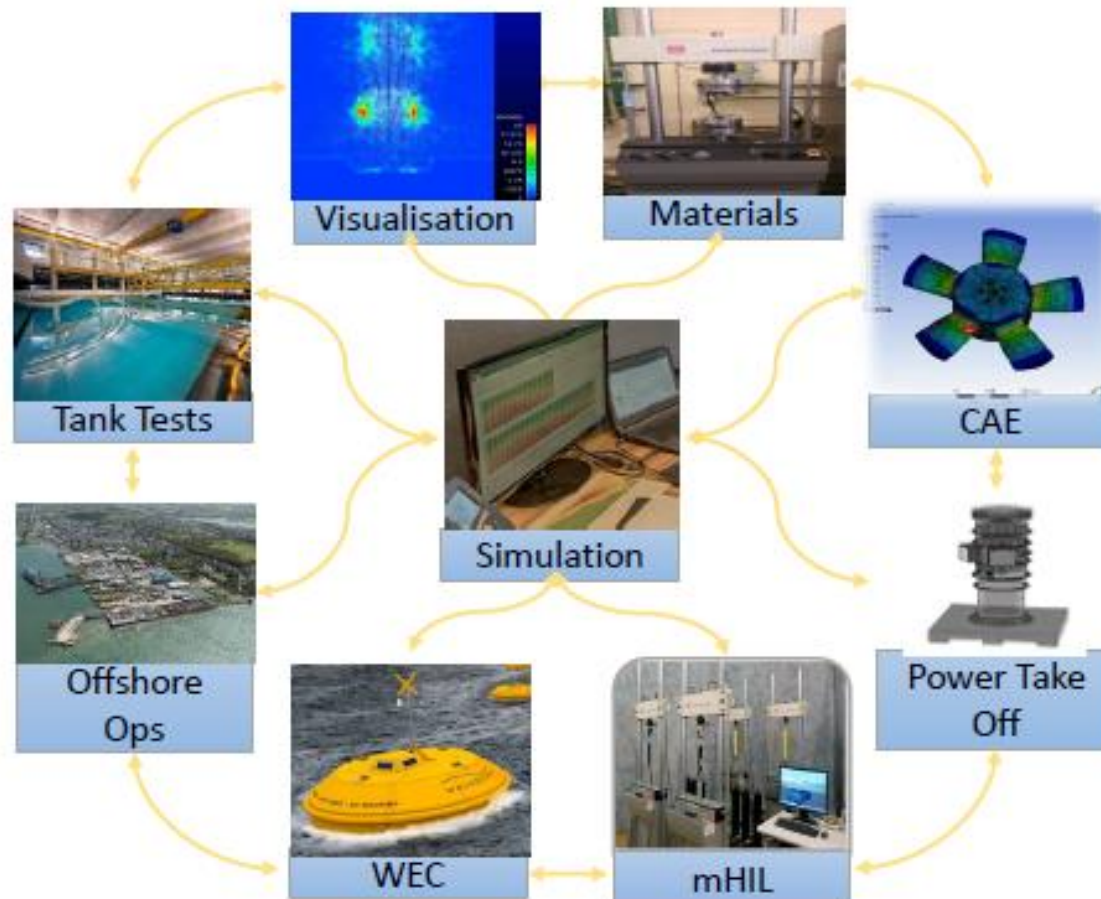
Sir Frank Williams' F1 topiary

# To be successful: Must avoid expensive, late-stage rework



- **Challenge:** Complex coupled systems operating within a harsh environment.
- **Solution:** Improve correlation between simulation and reality and introduce mechanical hardware in the loop (mHIL) to model, develop and evaluate complex systems much earlier in development – saving time and expense and de-risking the whole process.

# Megatrend: Modelling and Simulation at the Hub of Development



Correlation is the key to success



Between us we can  
**change the world**

Are you ready to  
**make a difference?**

  
wavewater

  
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