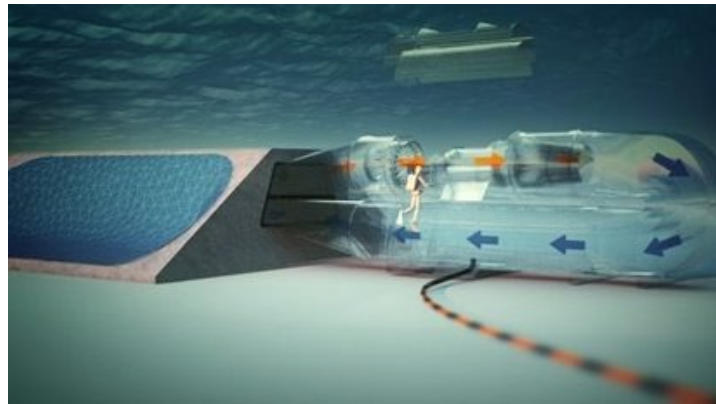


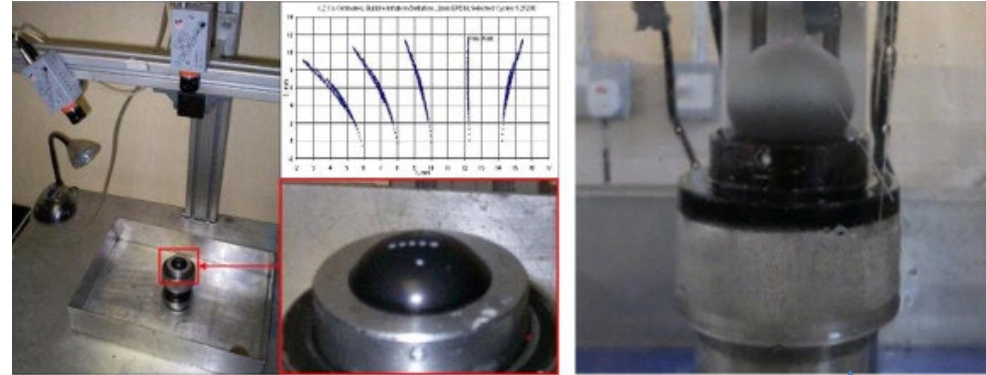
## Flexible devices:

### Bi-axial mode of deformation



## Fatigue analysis:

### State of the art



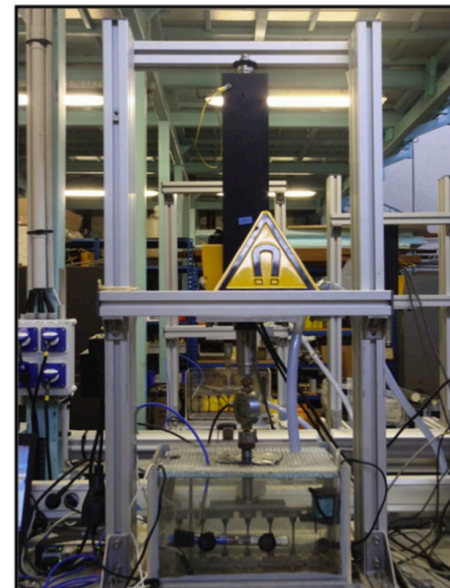
(a)

(b)

## Bombora's mWave

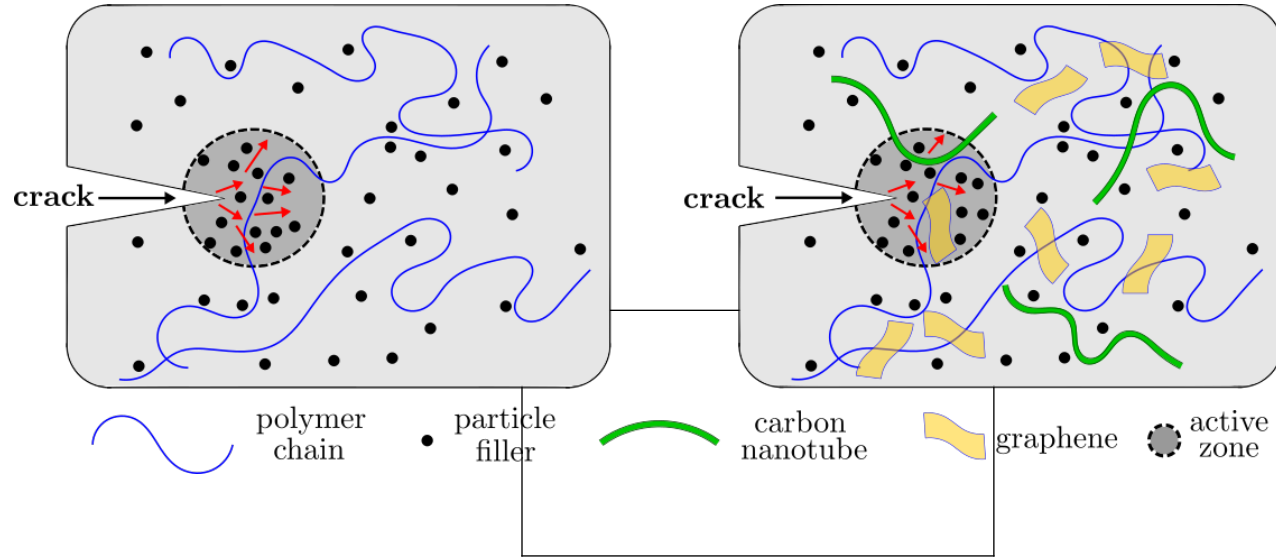


AWS-III



**Equi-biaxial**  
(Dublin, Ireland)

**Uni-axial**  
(IFREMER, France)



Fatigue life enhancement around 40%-100% compared to carbon black-filled natural rubbers



**Bi-axial**  
(Swansea)

