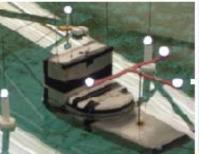


## Hydraulics & Maritime Research Centre

















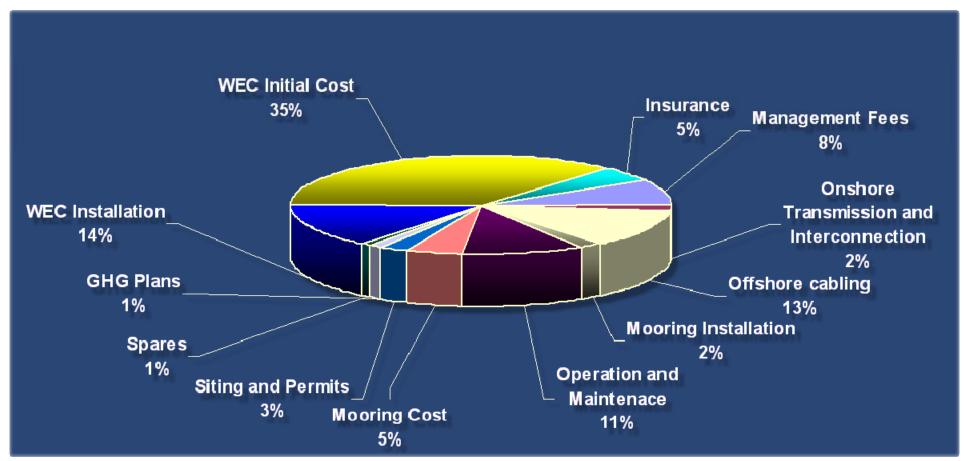
**National** Ocean **Test Facility** 

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## Research Issues









## **Cross Cutting**

- Combined platforms Energy Aquaculture, Wind/tidal
- Offshore communications & IT infrastructure, IT@Sea
- Materials and bio fouling
- Eco tourism eg Strangford Turbine (Aquarium, Exploris, borough council)
- Asset security devices and cable networks
- Ocean of Tomorrow Call (July?) O&M, Materials
  & antifouling, Safety, transport & deployment,





## **Enabling Actions**

- Build the Database and give FREE & OPEN
  ACCESS to it reduce dependence on models
- Measurements at test sites (technical & environmental)
- Pilot Plant CORES Plus (or CORES II) REAL Device Data output is needed. Lessons must be learned
- Offshore Grid eg extension of ISLES project
- Role of MSP within ICZM for Wave Tidal and Wind Energy
- Combining infrastructures eg Eurofleets, MaRINET Aquaexcel

