



# Hydrocarbon Energy Offshore versus Wind Energy Offshore

Paper presented by:  
Marc Lefranc  
Engineering Manager  
Force Technology Norway AS

# Synopsis



# Infrastructure

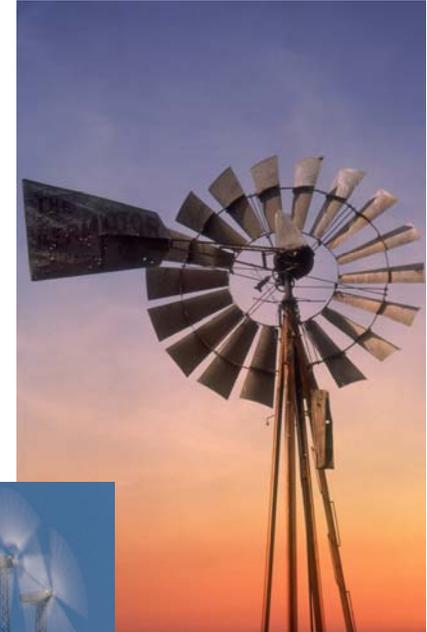


- Code
- Regulation
- Vendors



*From Knowledge to Value*

# Windmills



*From Knowledge to Value*

# Windmills

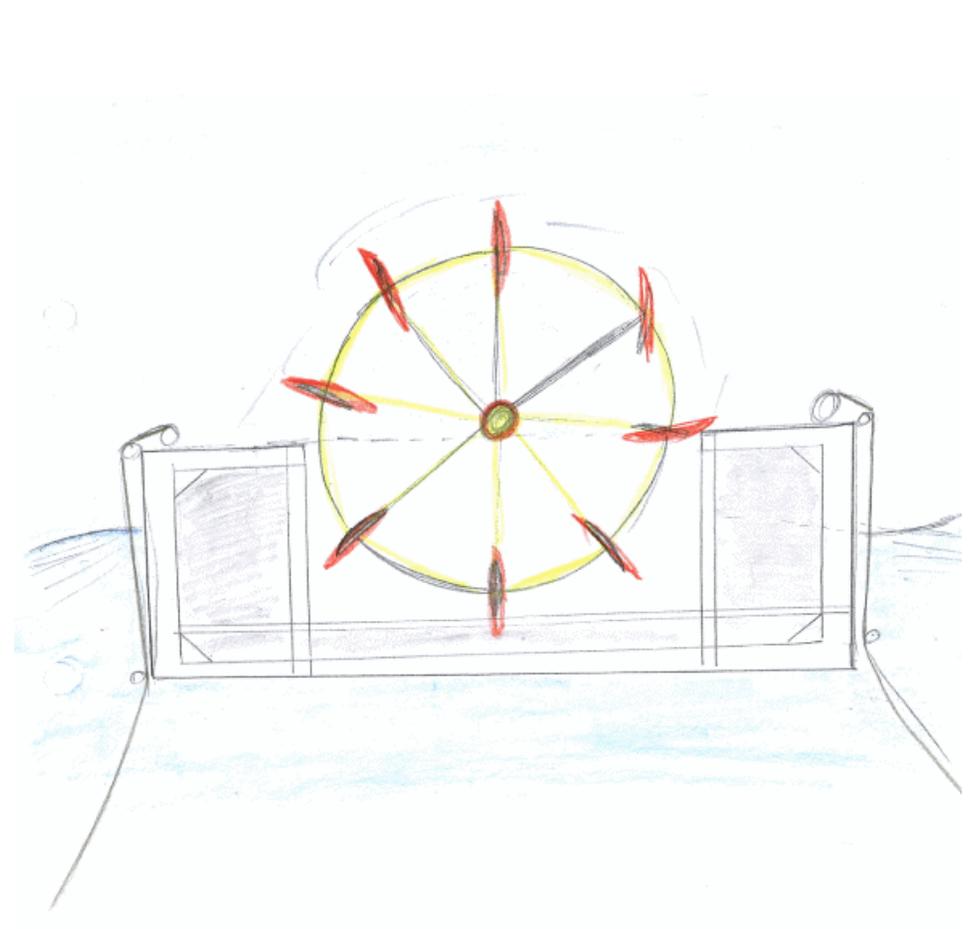
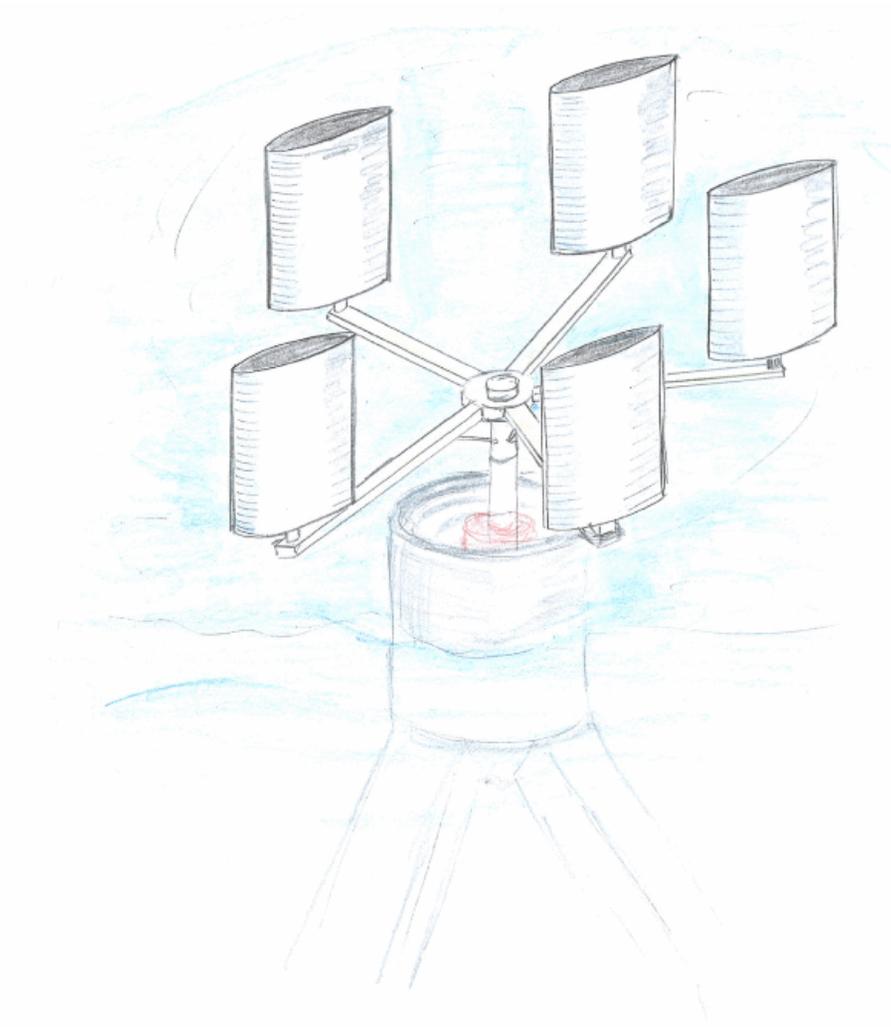


Cost effective  
Offshore Windmill;

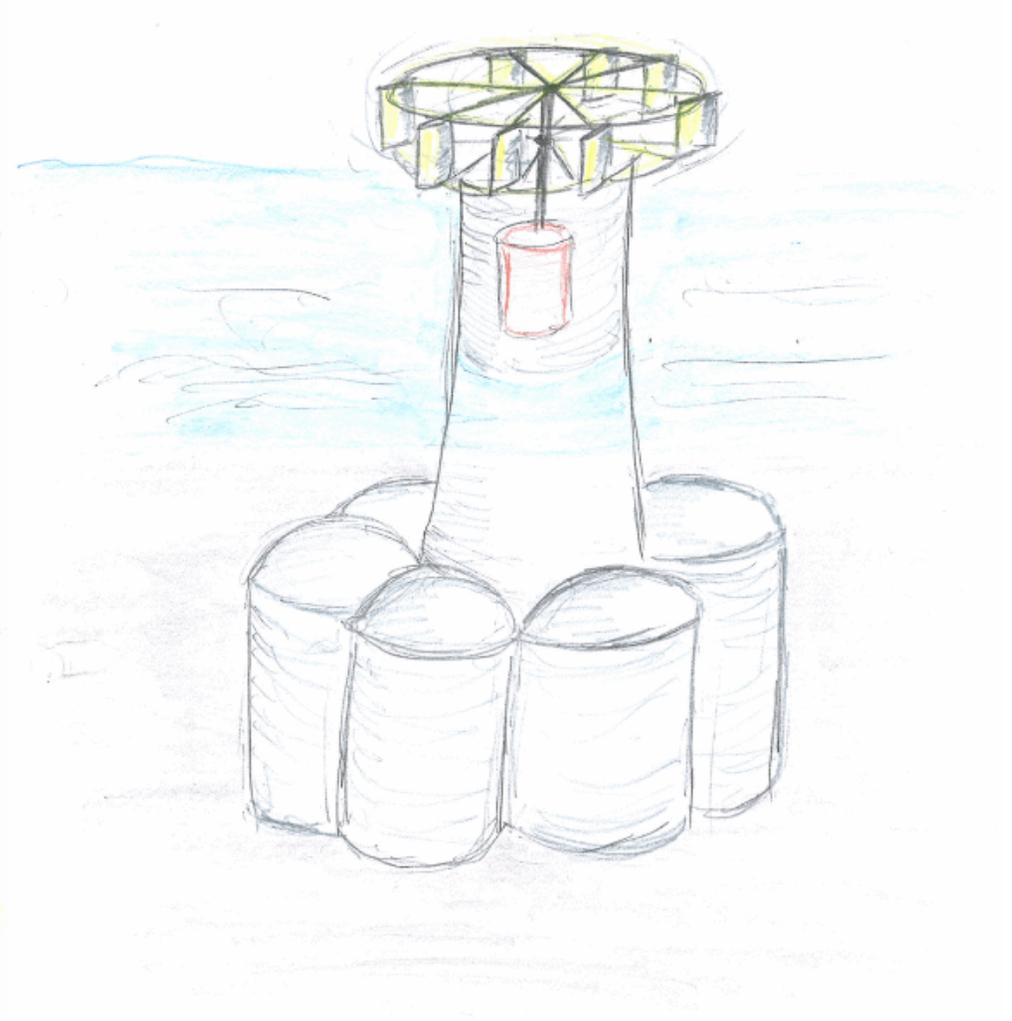
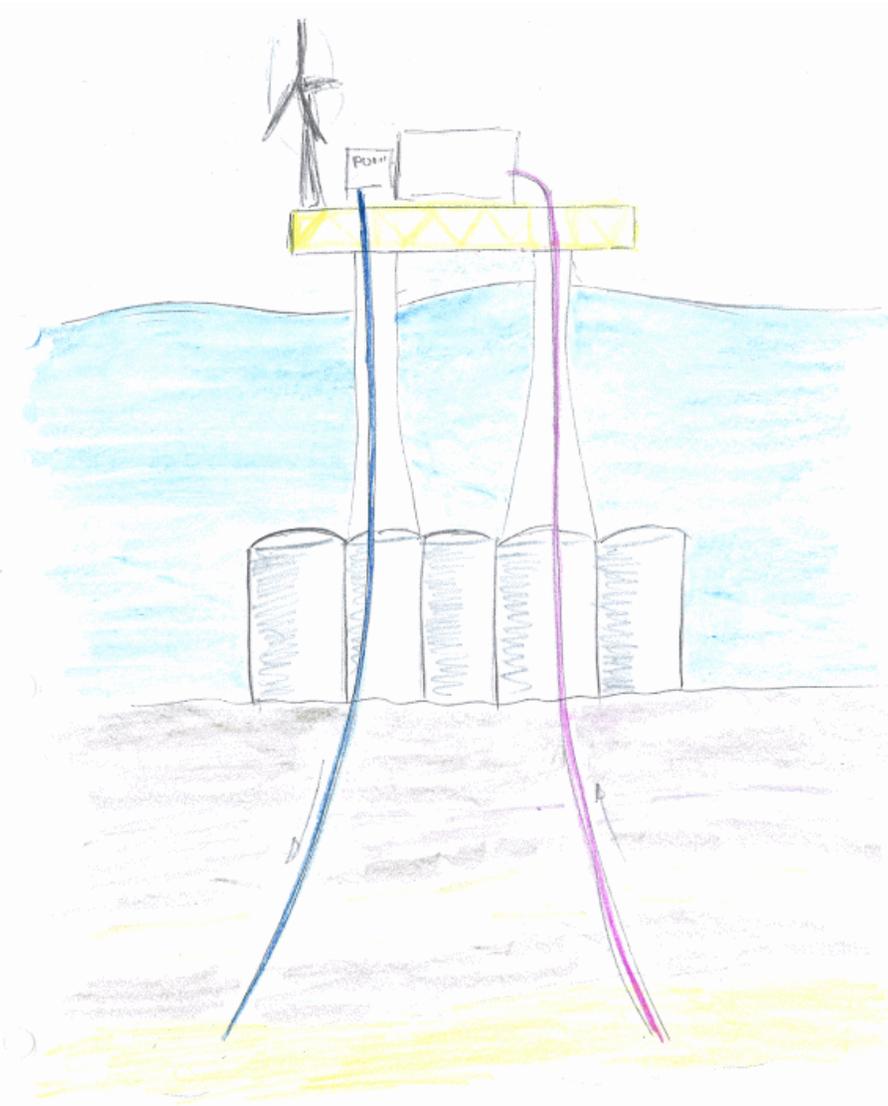
- Safety
- Installation
- Transport
- Environmental Conditions
- Cascade effects
- Maintenance



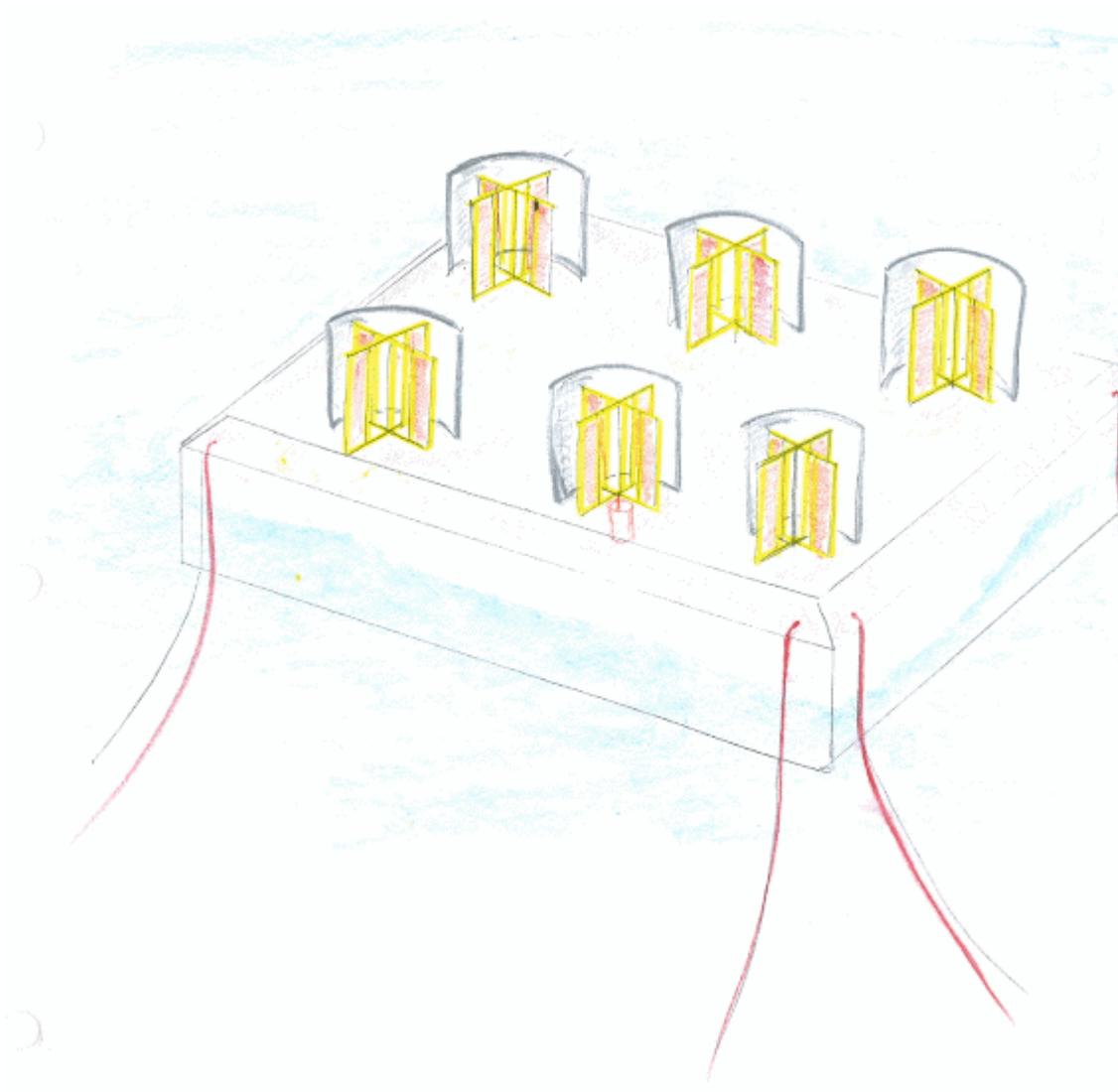
# Possibilities?



# Possibilities?



# Possibilities?



- What may be learned from the offshore hydrocarbon industry?
    - Installation
    - Code and regulations
    - Maintenance
    - Personnel intervention
    - Environmental conditions
- Safety and Cost
- Offshore Windmills –  
are we using the right technology?