



FAU

SOUTHEAST NATIONAL MARINE
RENEWABLE ENERGY CENTER

U.S. Department of Energy Center
and
State of Florida Center of Excellence
designated at Florida Atlantic University





Waves



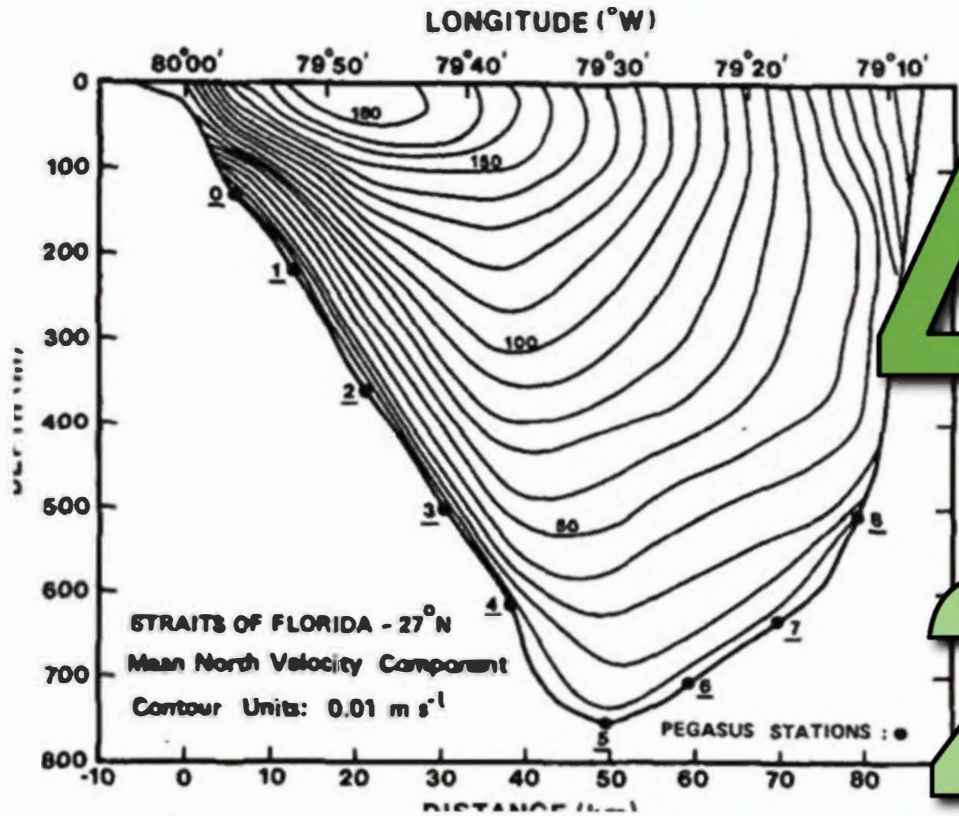
Tides

Ocean Currents

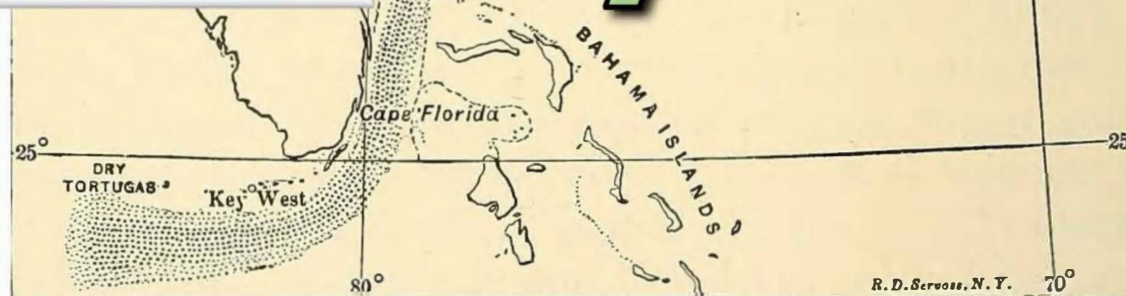
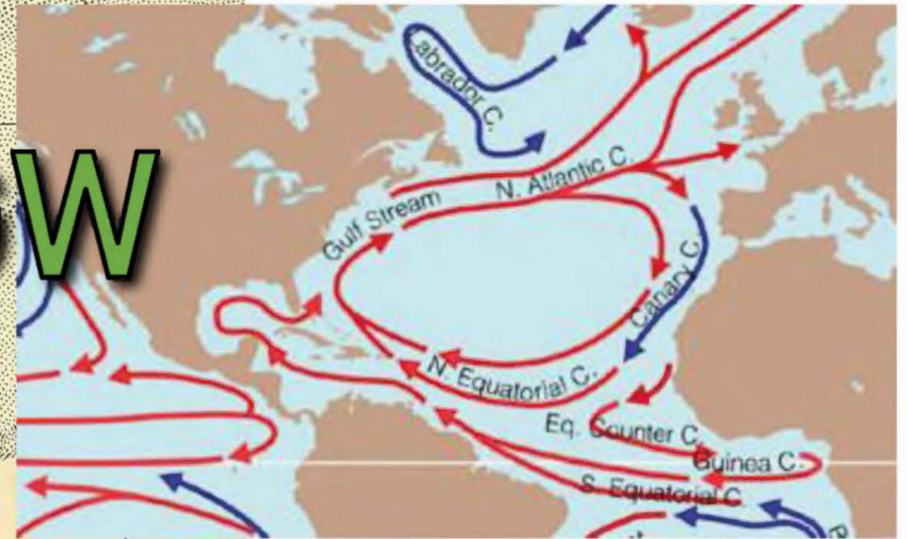
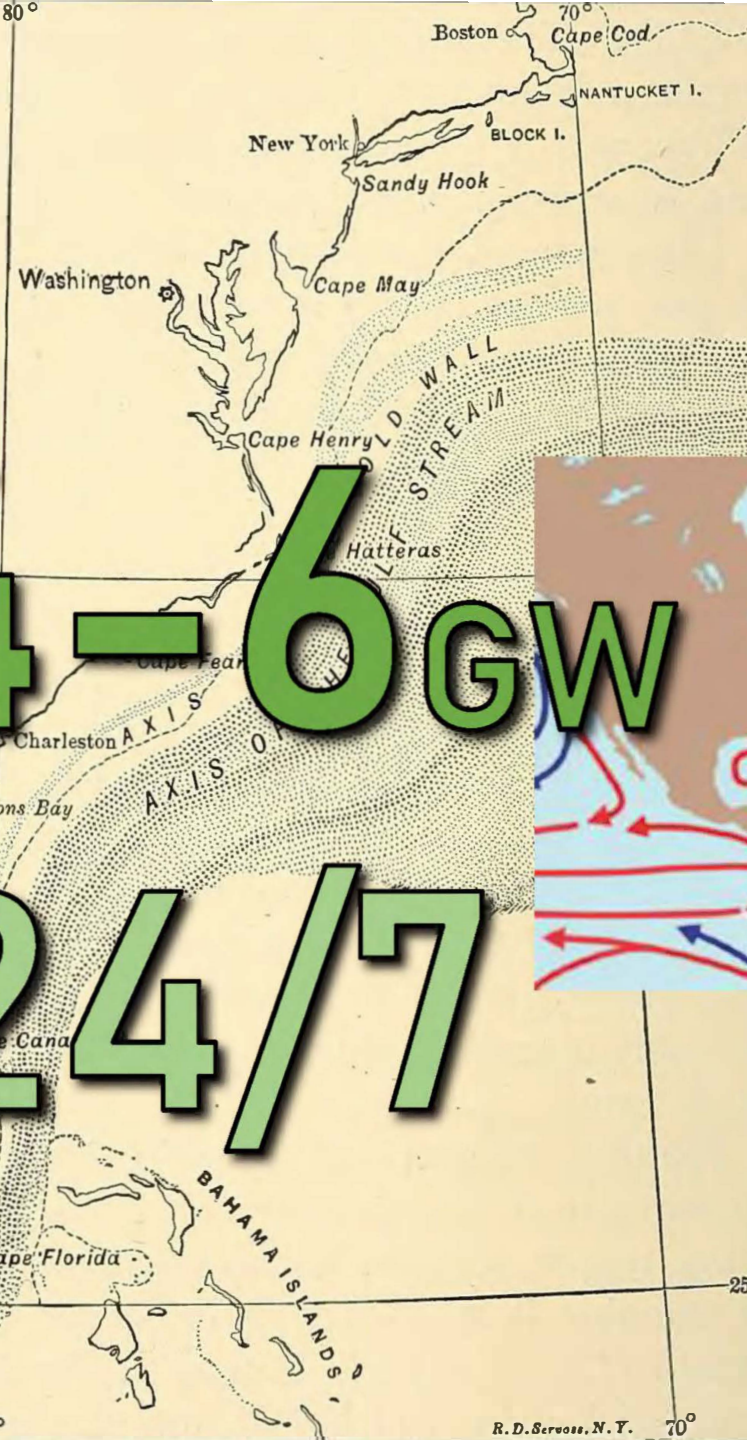


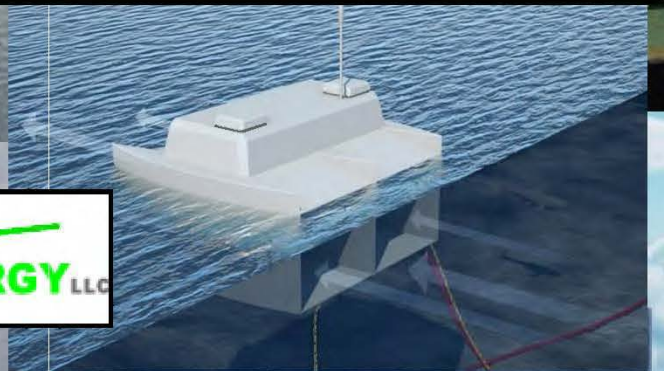
07 21 2003

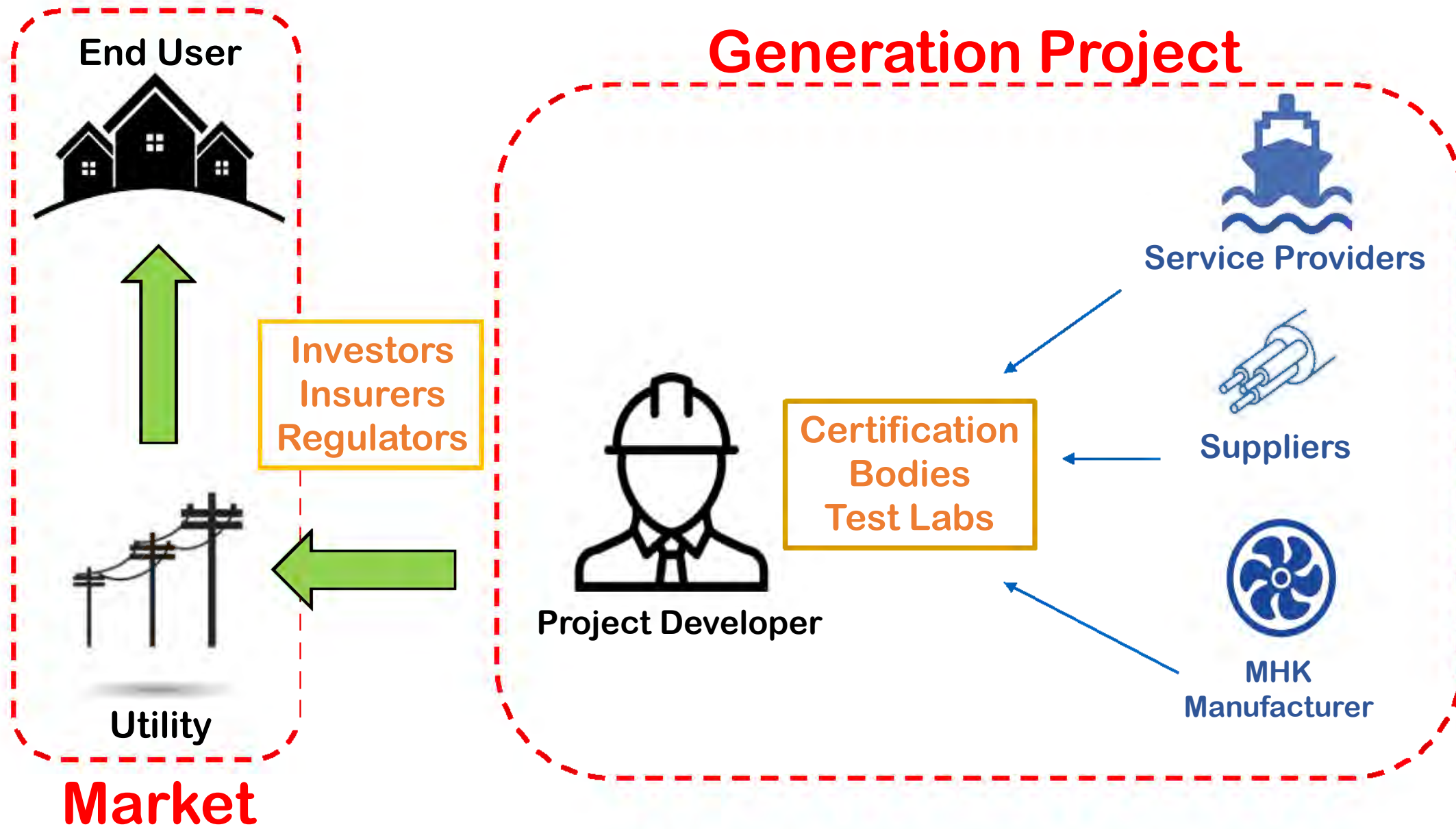
CHART OF THE
GULF STREAM
SHOWING ITS AXIS AND LIMITS



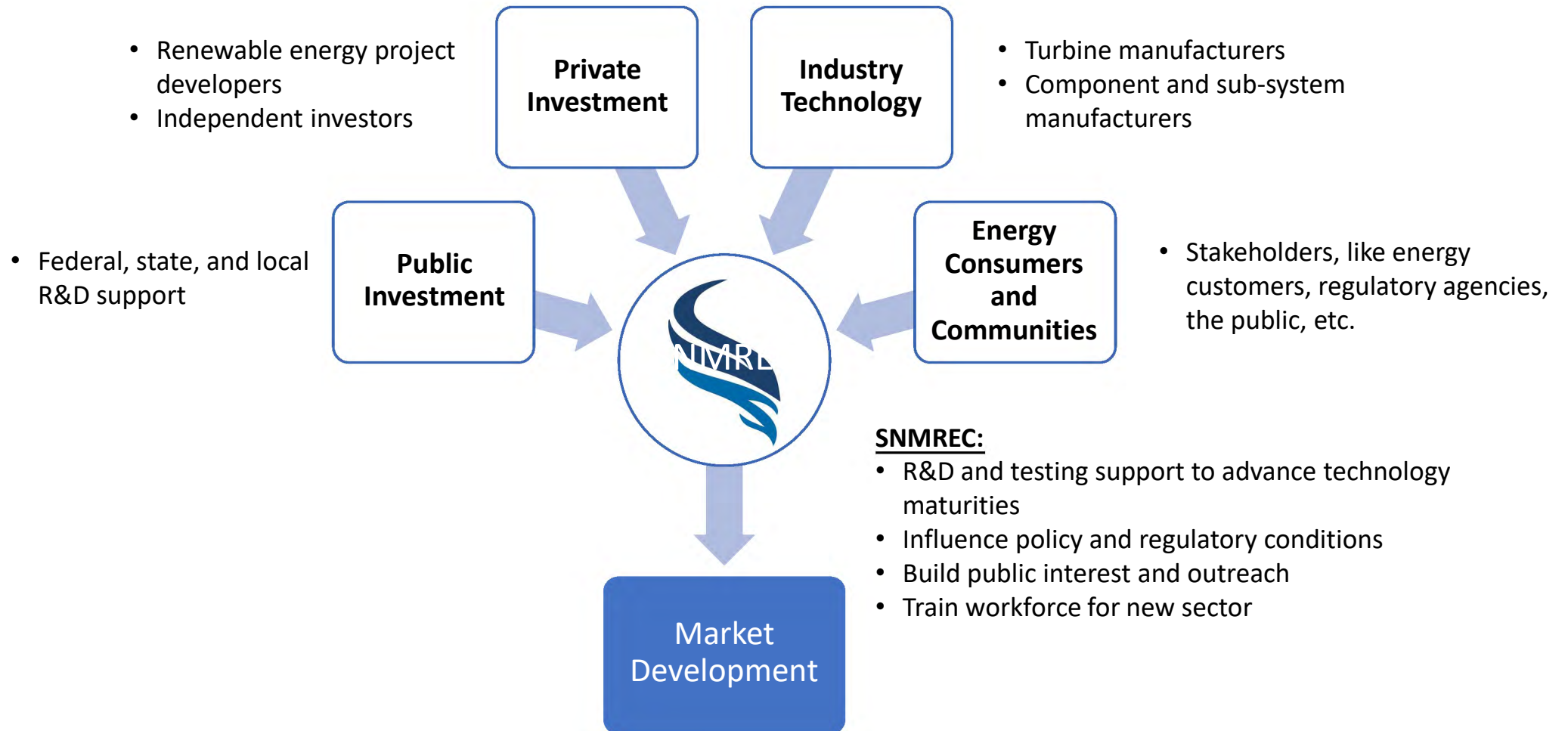
4-6 GW
24/7

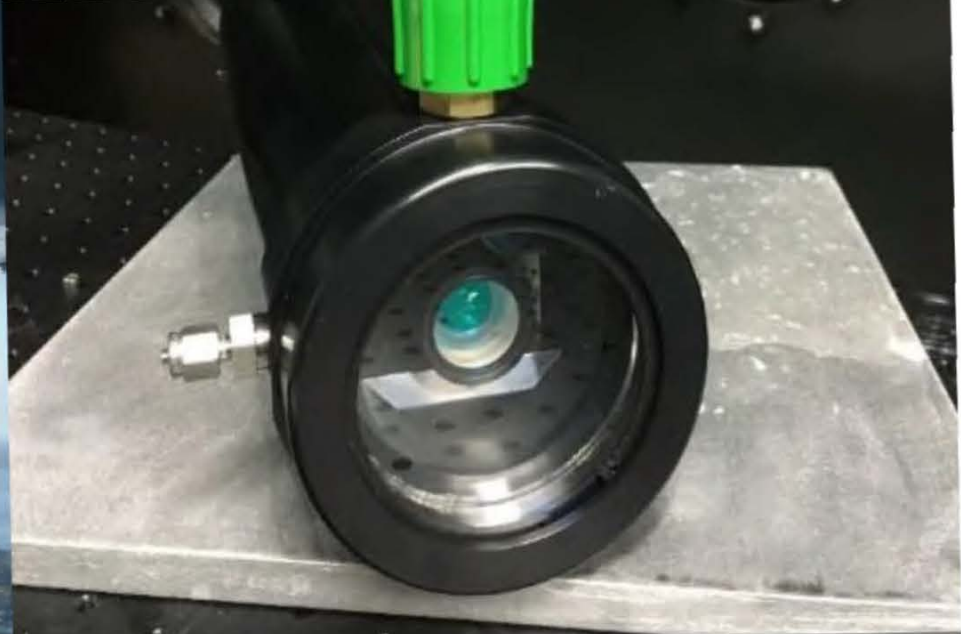




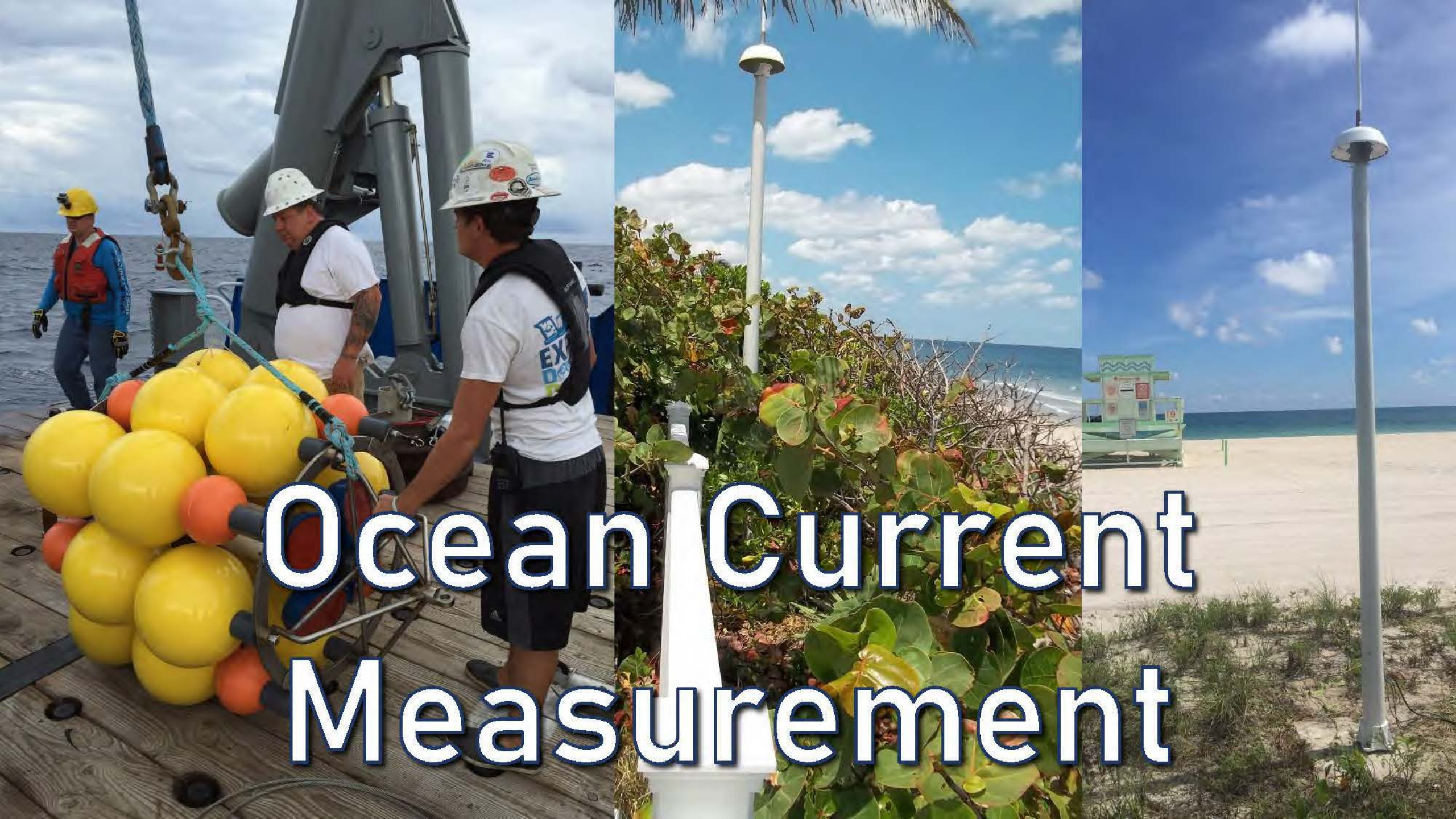


Fostering University, Industry and Public Partnerships to Create an Ecosystem for Energy Market Development





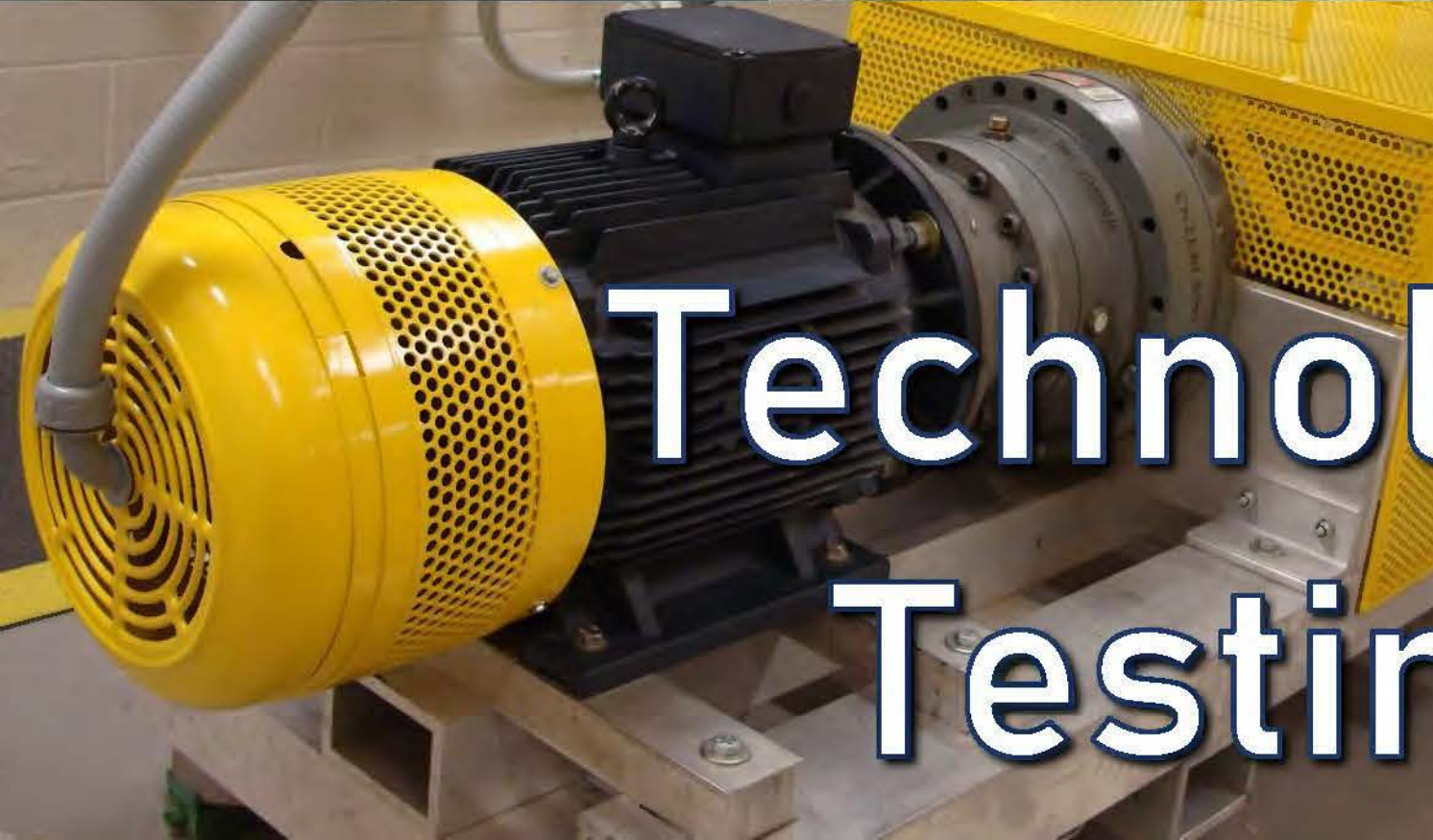
Environmental Research



Ocean Current Measurement



Technology Development



Technology Testing



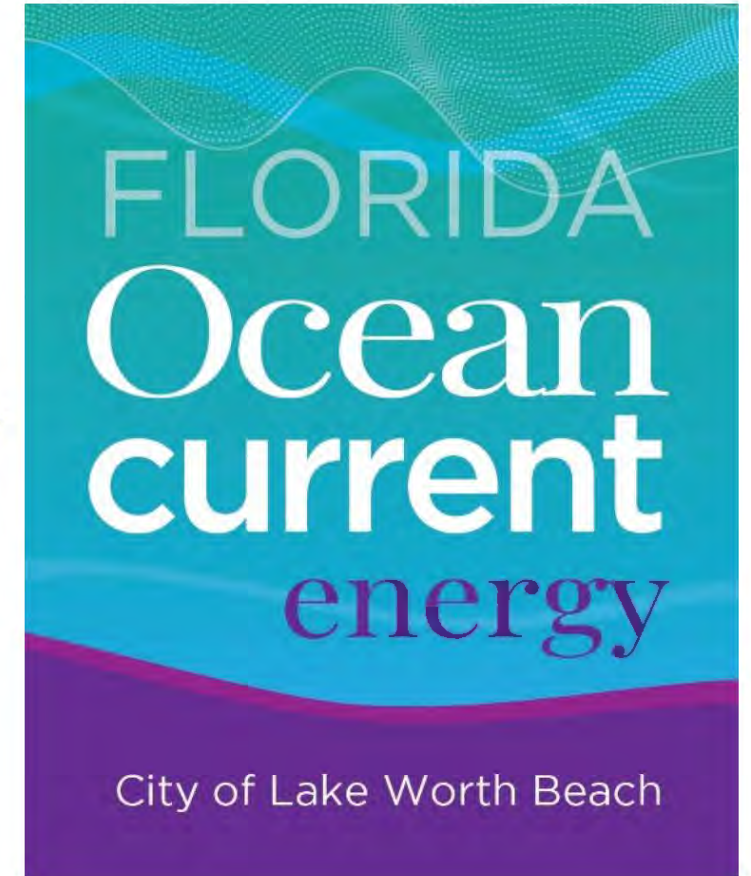
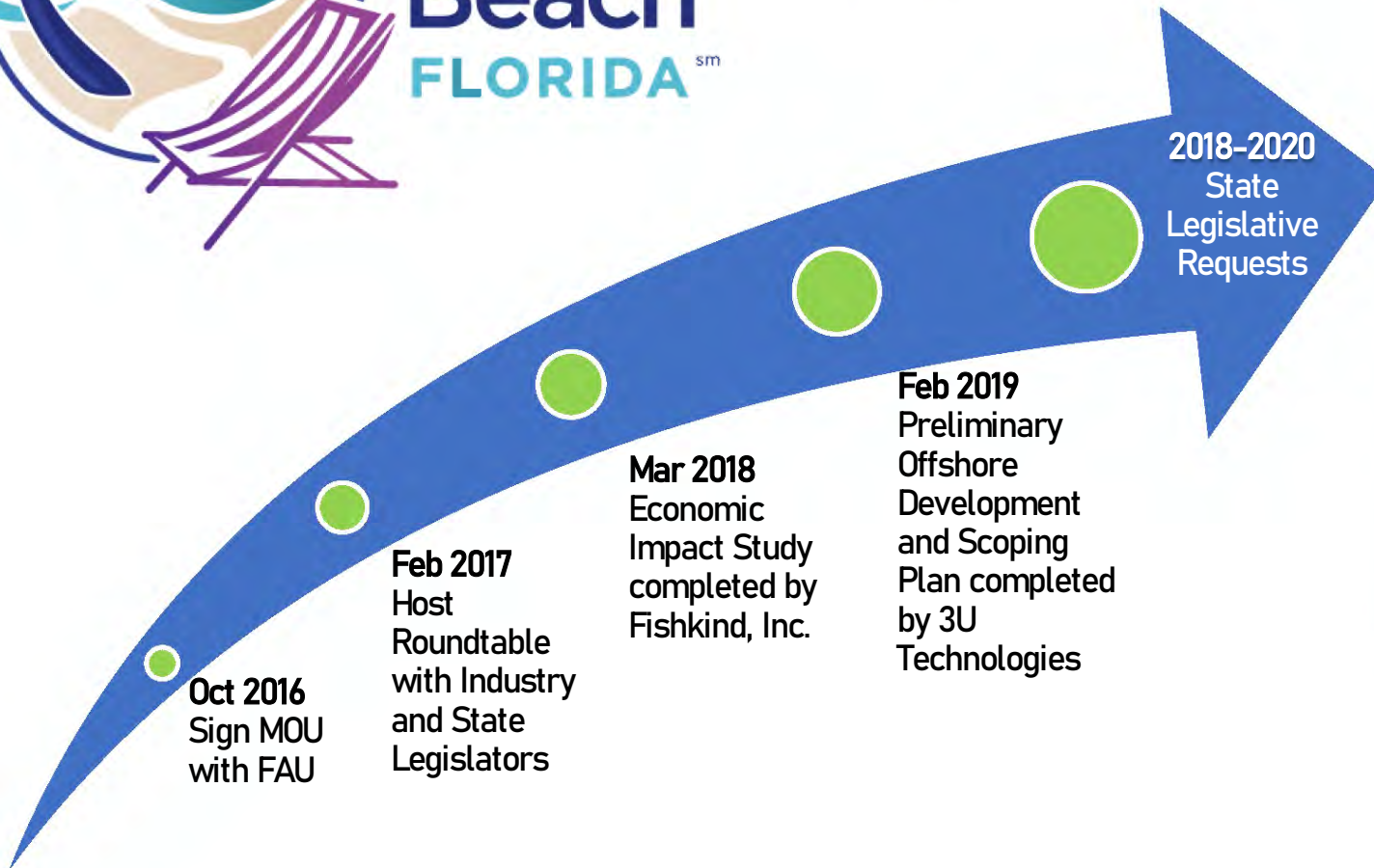
Education & Outreach

What is left to do?

- Help technology companies refine concepts into viable energy generating products
- Establish offshore/onshore grid infrastructure to receive generated power for testing and R&D
- Continue to identify and reduce barriers to project siting
- Foster local ecosystem to support future industry



City of
**Lake Worth
Beach**
FLORIDAsm





- Innovative Community
- Municipal Utility
- Economic Opportunities
- **Nearshore** Infrastructure

- Marine Energy Leader
- Federal and State Impact
- Private Sector Engagement
- **Offshore** Infrastructure