



Tidal Energy Growth and priorities: Addressing the Challenges



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Fundy Energy Research Network

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Main Activities

- Ecological studies at FORCE site
 - Fish and lobster movements
 - Marine mammal activity assessments
 - Seafloor communities
- Regional, national and international activities (e.g. PIRE)
- FERN (2009-), >100 members
- Acadia Tidal Energy Institute (2011-)
 - Science and Socioeconomics
 - Research, education and outreach
 - Community and Business Toolkit for Tidal Energy Development
 - Partnerships with gov't, industry, research institutions and the community

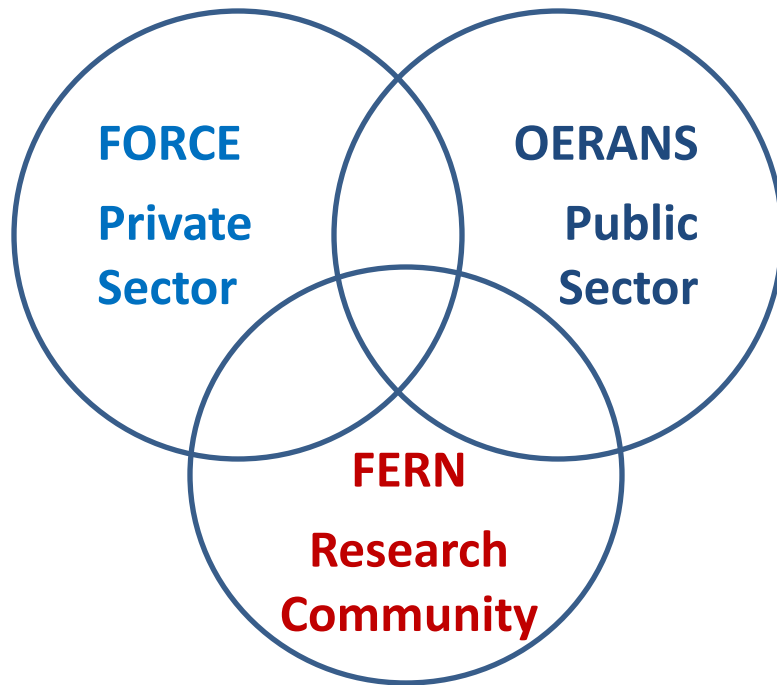


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Nova Scotia's Tidal Energy Research Model

3 Non-Profit Research Organizations



-Strategic partnerships

- Research Centre
- Research Association
- Research Network

- Priority issues addressed

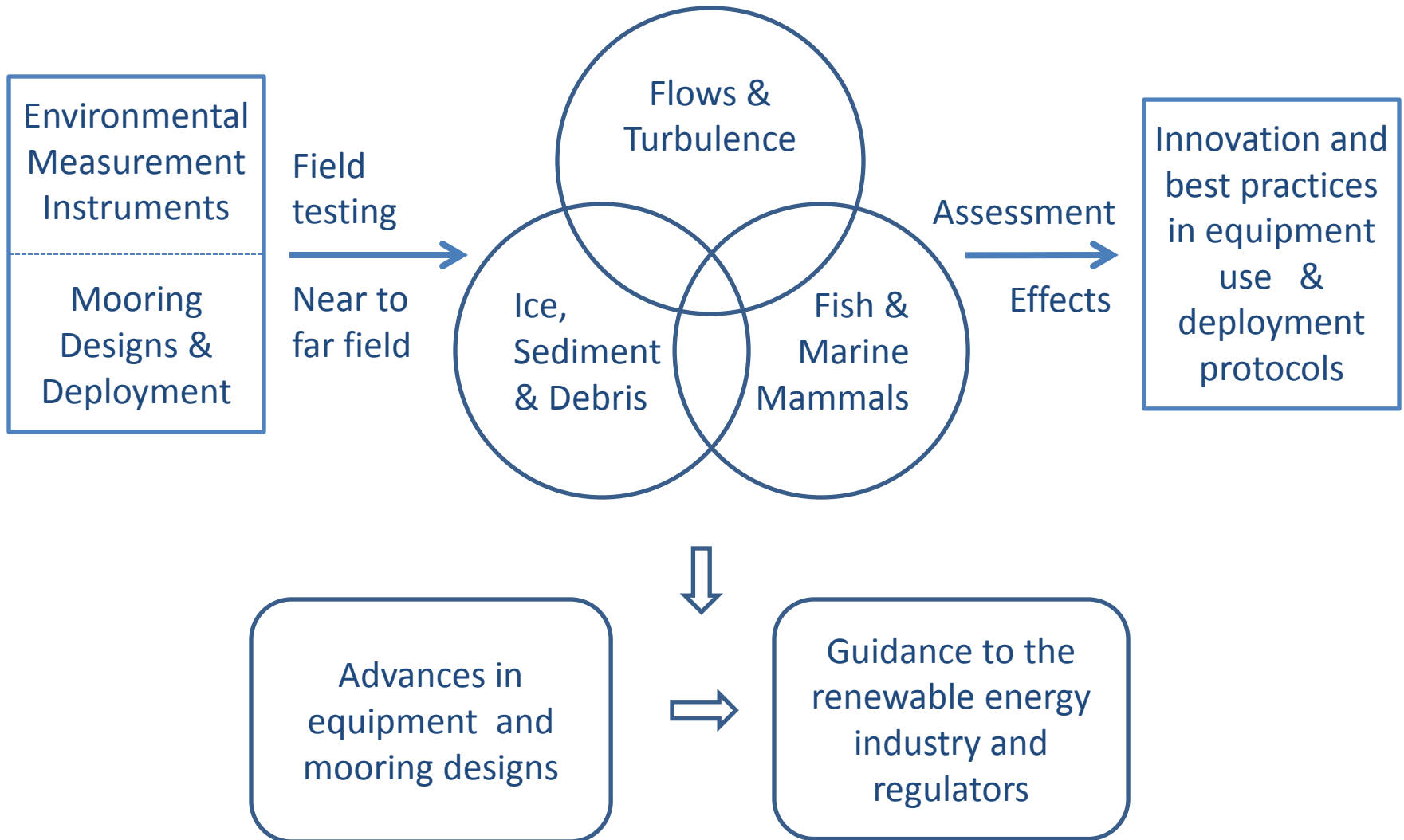
- Research funding support
- Coordinated activities
- Communication of results

Harnessing more than Marine Energy

- **Industry needs to harness the energy and interest of the research community**
 - Will help with regulatory and public acceptance
 - Transparency is important
 - TRUST factor

- **FERN ... a “research incubator”**
 - Independent, impartial, non-profit research network
 - Sharing of information and data is encouraged
 - Cost effective use of existing data and resources
 - Training the next generation

ENVIRONMENTAL MEASUREMENTS AT HIGH FLOW SITES



Thanks!

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