


National Oceanographic Partnership Program (NOPP)

National Academy of Sciences
Government-University-Industry
Research Roundtable
June 13, 2018

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NOAA NOPP Representative



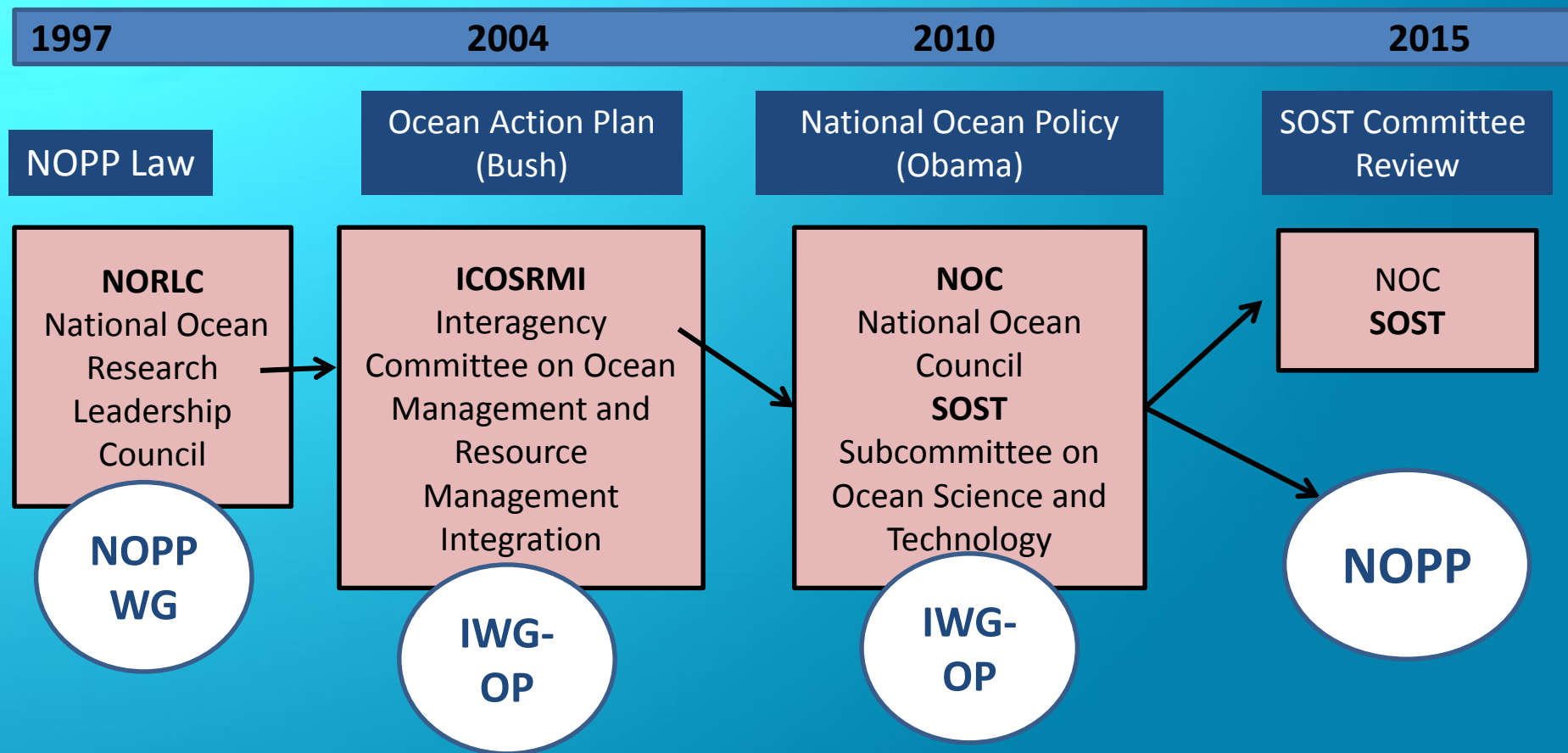


Created in 1997 by federal
public law (10 USC 665) to:



*“identify and carry out partnerships among
federal agencies, academia, industry, and other
members of the oceanographic scientific
community in the areas of data, resources,
education, and communications.”*

NOPP and U.S. Ocean Policy



Contracted NOPP Office

A photograph of a large, white-capped ocean wave crashing, with blue water and white foam. The image is positioned at the top of the slide, with a white wavy line separating it from the blue gradient background below.

NOPP Office Activities

- Convene federal ocean agency program officers
convene to develop project activities
- Conduct proposal reviews, provide
organizational support
- Conduct outreach at conference venues
- Produce Annual Congressional report



Ocean Research Themes

- Themes/projects address cross-agency ocean research issue(s)
- Typically \$15-25M/year total investment
 - *Investment leverage typically 3:1*
- Theme initiative may consist of one or more project awards



NOPP Projects

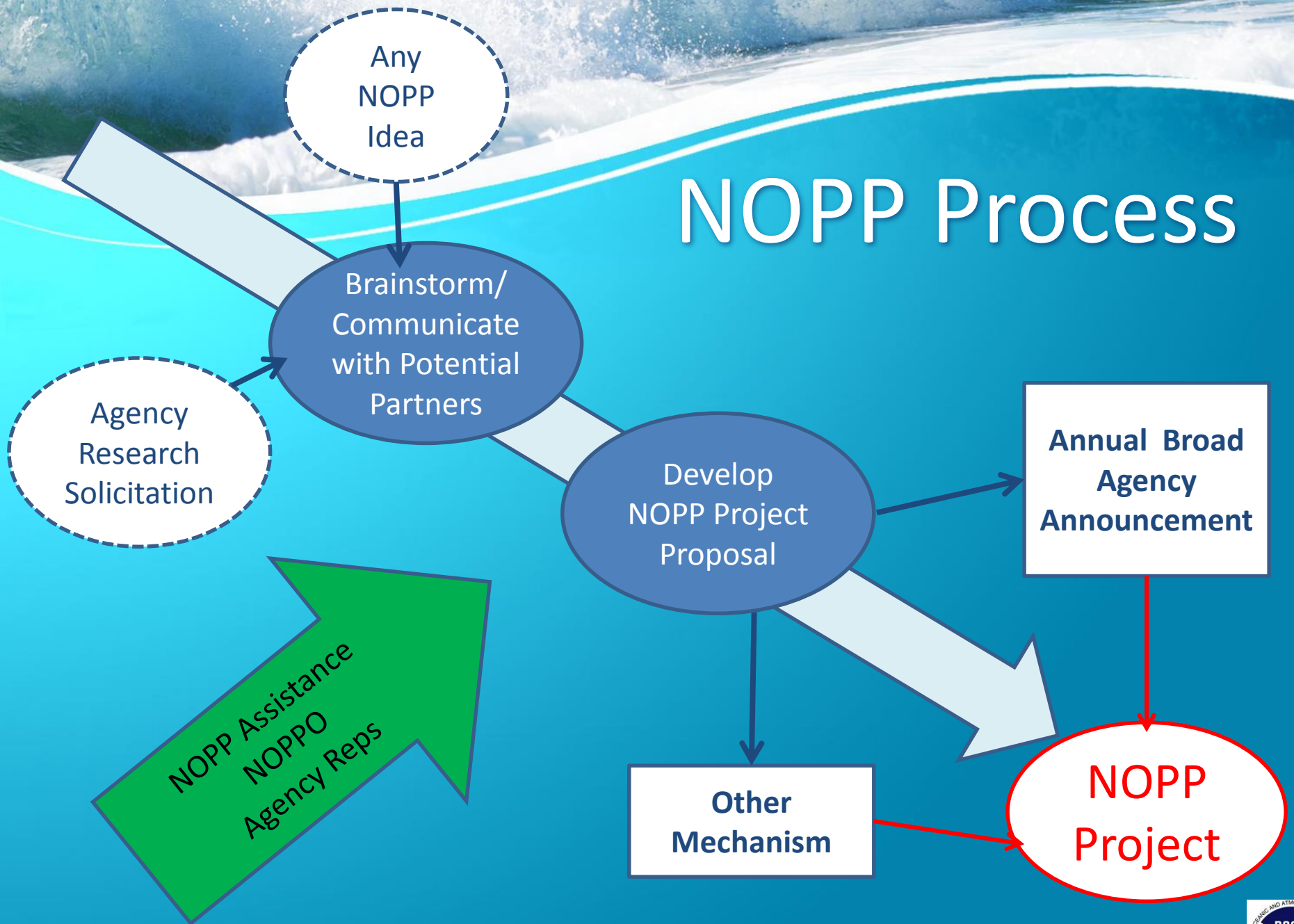
Requirements

- Ideally sponsored by more than one partner
 - Typically agencies, **can** include industry/private sponsors
 - Can include funds and/or resources
- Awardee proposals **must** include members from at least two different sources: government, academic, industry

Mechanisms

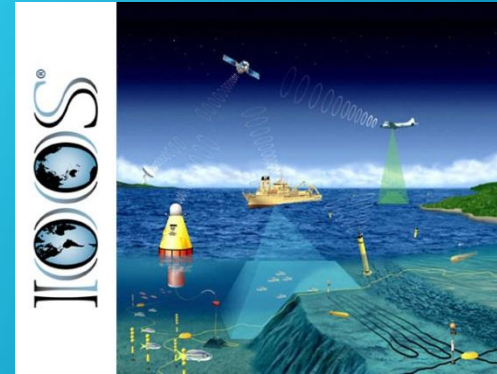
- Annual Broad Agency Announcement (BAA)
- Individual Topic Competitions
- In-kind partnerships

NOPP Process



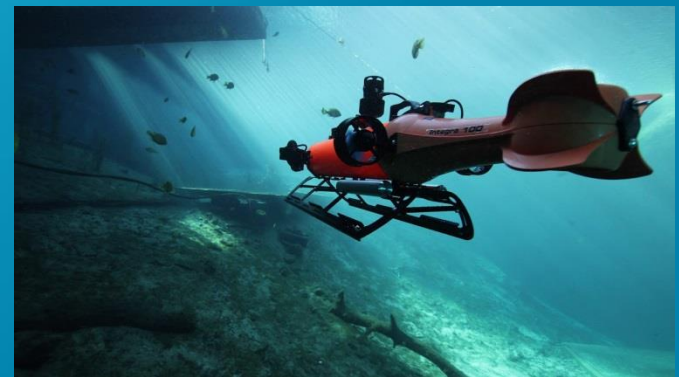
Successes

- U.S. Integrated Ocean Observing System (IOOS)
- Marine and Hydrokinetic Energy Effects On Marine Life
- Air-Ocean-Land-Ice Global Coupled Prediction
- Marine Mammal Tagging



FY 18 NOPP Topics

- Cube Satellites
- Global High Resolution Sea Surface Temperature Modeling/Validation
- *In-situ* Ocean Sensor R&D
 - Power reduction/miniaturization
 - Soft matter electronics
 - “OMIC” sensors
 - Next generation autonomy
 - Improving TRL



Opportunities

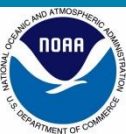
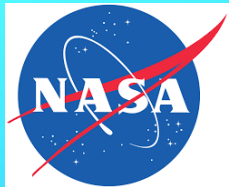
Finding Federal Partners (work it work it!)

- Ocean Plastics
- Autonomous marine data collection
- Risk management data integration
- Ocean information systems
- Comprehensive mapping/characterization





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Discussion



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