



Programme Profile

Phase I, one year scoping study, completed late 2005

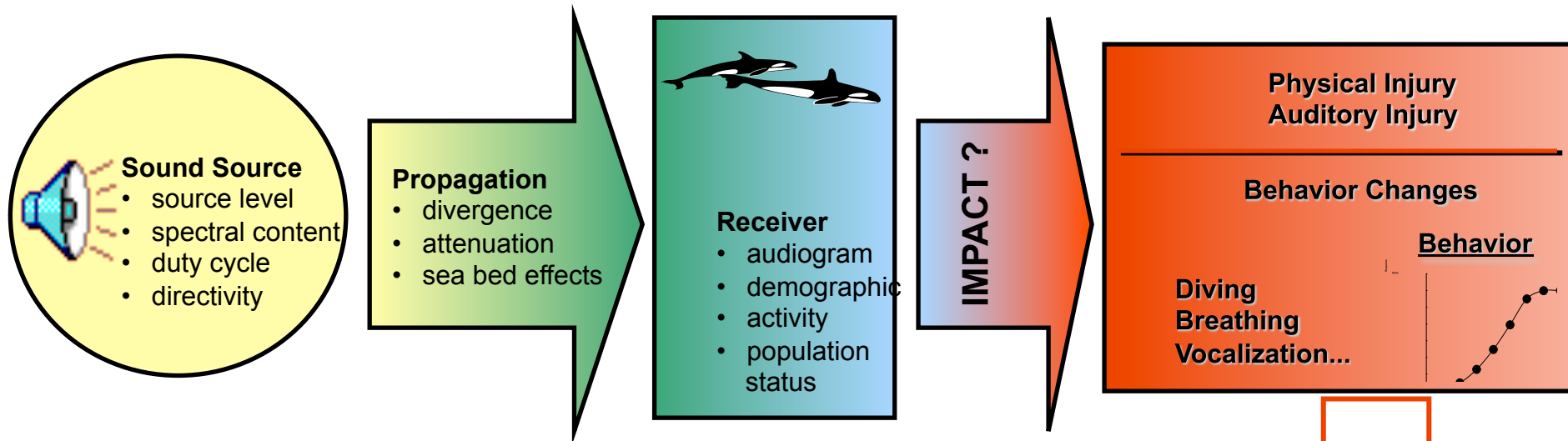
- **14 members in Phase 2; Duration 3 years (May 06 thru May 09)**
- **2008 final year of awarding contracts; 2010/11 for completion of all contracted work**
- **Approx. USD \$8M/year of funds; >\$USD 20M committed to date**
- **Methods: fund research using bid/award process; publish all peer-reviewed results; release all data to public**
- **Partners: Regulators, Government Agencies, Others.**
- **Key Research Questions Provide Focus**
- **Priorities Determined by Executive Committee:**
 - **Technical Mgmt. Committee, External Advisors, Regulatory / Operational Needs**



Transparency

- **Peer-reviewed & Published (contractual requirement)**

Source – Pathway – Receiver Model



- | | | |
|----|--|-----|
| 1. | Sound source characterization and propagation modeling | 28% |
| 2. | Physical and physiological effects | 21% |
| 3. | Behavioral effects and biological significance | 14% |
| 4. | Mitigation and monitoring technologies | 15% |
| 5. | Improvements in research equipment and methods | 5% |
| 6. | Communications | 2% |
| 7. | Management/administration | 8% |
| 8. | Reserve for future Phase II management | 6% |

?

Biological Significance

JIP Research Contracts/Leverage Partners

Proprietary

| <u>Location</u> <u>Executed</u> | <u># of Contracts Signed &</u> |
|------------------------------------|------------------------------------|
| USA | 31 |
| Canada | 6 |
| UK | 16 |
| Norway | 2 |
| Denmark | 2 |
| Australia | 1 |
| S. Africa | 1 |

Total 59

- Australian government (start 2008)
- Norwegian Defense Research Establishment
- U.S. National Marine Fisheries Service (regulator)
- U.S. Office of Naval Research
- U.S. Navy (NAVSEA and OPNAV)
- U.S. Minerals Management Service
- U.S. National Science Foundation (basic science)