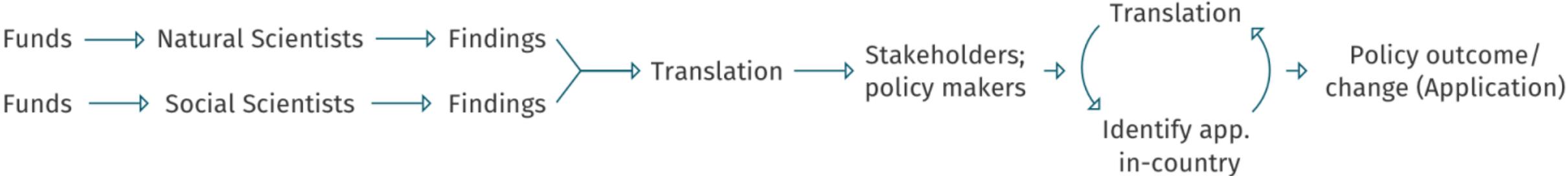


# Transdisciplinary Transnational Funding Opportunities

# Belmont Forum Theory of Change

## TYPICAL MODEL:



## BELMONT FORUM MODEL:



■ Social Scientists ■ Natural Scientists ■ Policy makers ■ Stakeholders

# CRA Support



Awarded



In Process



Ready to  
Launch



Drafting

## **Topic 1 – Pathways toward a sustainable and equitable use of oceans**

This topic focuses on the environmental, social, cultural and economic impacts of living and non-living resource extraction (e.g. fisheries, aquaculture, dredging, mining of sand and minerals), and non-extractive industries (e.g. shipping, tourism). Research in this area should address the impacts of economic activities on ecosystems, human societies including human health and well-being, cultures and economies, as well as the capacities of social systems to respond to these impacts. Proposals may use a range of approaches, but are expected to incorporate or address models, scenarios and pathways that can ensure the sustainability of the use of marine resources, including ecosystem services, and can be used by policy developers and regulatory authorities to assess the sustainability of such use.

## **Topic 2 – Accounting for and minimizing impacts of global change**

Our capacity to sustainably use the oceans depends on our understanding of the multi-scale changes in ocean systems, and the additive or synergistic effects of the multiple causes of these changes. Climate change, rising sea levels, and the increasing complexity of human use of ocean and sub-ocean resources, collectively create a range of factors that vary and interact across space and time.

Applications addressing this topic should include research on the interactions between stressors, such as climate change, ocean acidification, pollution, deoxygenation and food scarcity; biological processes such as range shifts and biodiversity changes; and ocean dynamics, such as circulation, temperature, and sea level changes. The research should include societal models - e.g. how changing patterns of migration, population, and human behaviour act or will act as drivers of global change in ocean systems, and how changes in ocean systems will impact societies. Also, response strategies should be included that demonstrate how vulnerability can be reduced, and how resilience in social systems can be increased. This may include challenges such as migration or reduced accessibility to land, nutrition, good health and safe water and housing for all.

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