

# SedNet Working Group – Sediment Science and Policy Interfacing (SPI)

## Funding Mechanisms – 24 September 2015

### H2020 project INSPIRATION

- General Messaging:
  - Spend and use finances effectively
    - Apply holistic and basin wide approaches / focus areas
    - Countries share challenges / look at problems together
      - National governments are approachable and can address funding strategies together
      - Search globally for co-sharing funding opportunities (e.g. US)
  - Share information
  - Find a middle ground between high level policy, middle management and grassroots advocacy to facilitate driving funding options
  - Cost/sharing Models
  - ☐ Need to develop more strategic outreach to industry for SedNet participation. They are invited to SedNet functions but their participation has been weak.

# International Opportunities

- Ecoshape – Engineering W Nature (USACE)
  - Understand that Ecoshape is looking for funding as well as the eWn / similar focus and practice areas as well as existing relationship
    - Climate Adaptation Programs drivers
    - Water Security and Safety
- NATO
- World Bank
- Rockefeller Foundation (100 Cities – Resilience)
- NICOLE

# Trans-National

- Danube Trans-national Program (22M euros)
- H<sub>2</sub>O Safety and Climate Program (NL)
- Soil and Subsurface Program
  - Determine co-interest problem drivers
    - Application to cost-sharing mechanisms in developing business cases with Ministries
- River-Basin Committees
- Water Agencies
  - Has applications to address sediments but need to be flexible in *outside the box* thinking
- EU Regional Funds

# Industry

- European Shipping Industry
  - European Community Shipowners' Association
    - Ballast H<sub>2</sub>O/sediment example of international trans-boundary concerns of introducing invasive species to aquatic environments
- Utility organizations
- Hydropower
- Mining
- Insurance companies
  - Problem owners/risk managers
  - These companies have been tracking the effects of climate adaptation on their properties and long-term liability of not addressing these issues
- ☐ Comment: Industry has been invited to SedNet function without success of participation. Re-think strategy to re-engage.

# Academia / Research

- Universities are actively pursuing funding opportunities in basic and applied research
  - Research is driven in trans-boundary disciplines such hard science, environmental management, economics, sociology with policy driven research
  - Partner with universities to pursue funding initiatives
    - Analog of National Science Foundation (NSF)
      - Environmental Engineering
      - Climate Adaptation

# Creative

- Crowdfunding
  - Alternative financing
  - Need to understand what the Return on Investment (ROI) would look like for an environmental restoration project such as INSPIRATION and why it would be attractive to investors
    - Economic development / revitalization could one area