

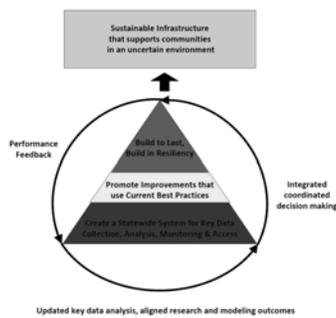


Request AAG approval of PITWG revised Policy PI-2

➤ BEFORE: Promote “No Regrets” Improvements

➤ NOW: Promote Improvements that Use Current Best Practices.

### Public Infrastructure Systems Approach



### Background: April 3 AAG comments on PI-2 (No Regrets)

- “No Regrets” phrase used a lot in the Climate Change literature.
- It has a lot of connotations and ‘baggage’ associated with it; depending on the reader and their background this will influence reactions to this policy.
- The concept of “no regrets” is too idealistic.
- Using the phrase “no regrets” will be a road block to acceptance of this policy’s concepts.
- Concern that “no regrets” stifles innovation.
- If you use the term, define it.
- “No regrets” is commonly perceived to mean no risk. There needs to be experimentation and there will inevitably be regrets.
- Instead of “no regrets” use phrases like best available technology or best control technology.

Standing still while waiting for improved forecasts of climate change impacts on infrastructure is not an option, therefore... promote use of current best practices.

### Examples

- The use of existing technology such as adjustable and/or mobile building foundation systems,
- Building foundations that use thermosiphons or thermopiling,
- Protecting facilities from flood or erosion damage, or
- Providing energy conservation upgrades.
- Long-term planning and preparedness,
- Building local capacity for operations and maintenance,
- Promoting energy-efficient technologies,
- Using alternative energy sources,
- Using water conservation and reuse upgrades, or
- Building with better materials.

### **Actions of IAWG also exemplify this approach.**

In the case of each of the 6 imperiled coastal communities, the IAWG:

- Brought parties together, that had authority and funding, to collaborate on solutions.
- Completed overall vulnerability assessment for communities.
- Recommended a series of infrastructure improvements, tailored to each community's situation and needs, to integrate into near term plans to protect and/or extend the service life of each town site.
- Implementation of these recommendations has begun

### **New PI-2: Promote Improvements that Use Current Best Practices**

- Focus on public infrastructure improvements that add value, regardless of future climate change.
- Use existing technology and data to:
  - Protect and extend design service life of infrastructure
  - Reduce operating costs and complexity
  - Promote sustainability in the development design and construction of new infrastructure.