



# Coastal Resilience Collaborative



**Creating a Global Knowledge  
Exchange Platform**



# The Coastal Resilience Collaborative



## Introduction and Program Description

- Result of conversations with Rockefeller's 100 Resilient Cities Program
- A global knowledge exchange program for coastal resilience solutions
  - Peer-to-peer gatherings at coastal case study venues
  - Online data and case study information
  - A program where participants needing expertise can find those experts that can provide knowledge and service
- Program will be housed in United Nations
- Part of its designation is an official series of UNESCO-IHE short courses
- Florida Earth will be administrator of program with a revision of current MOA with UNESCO-IHE



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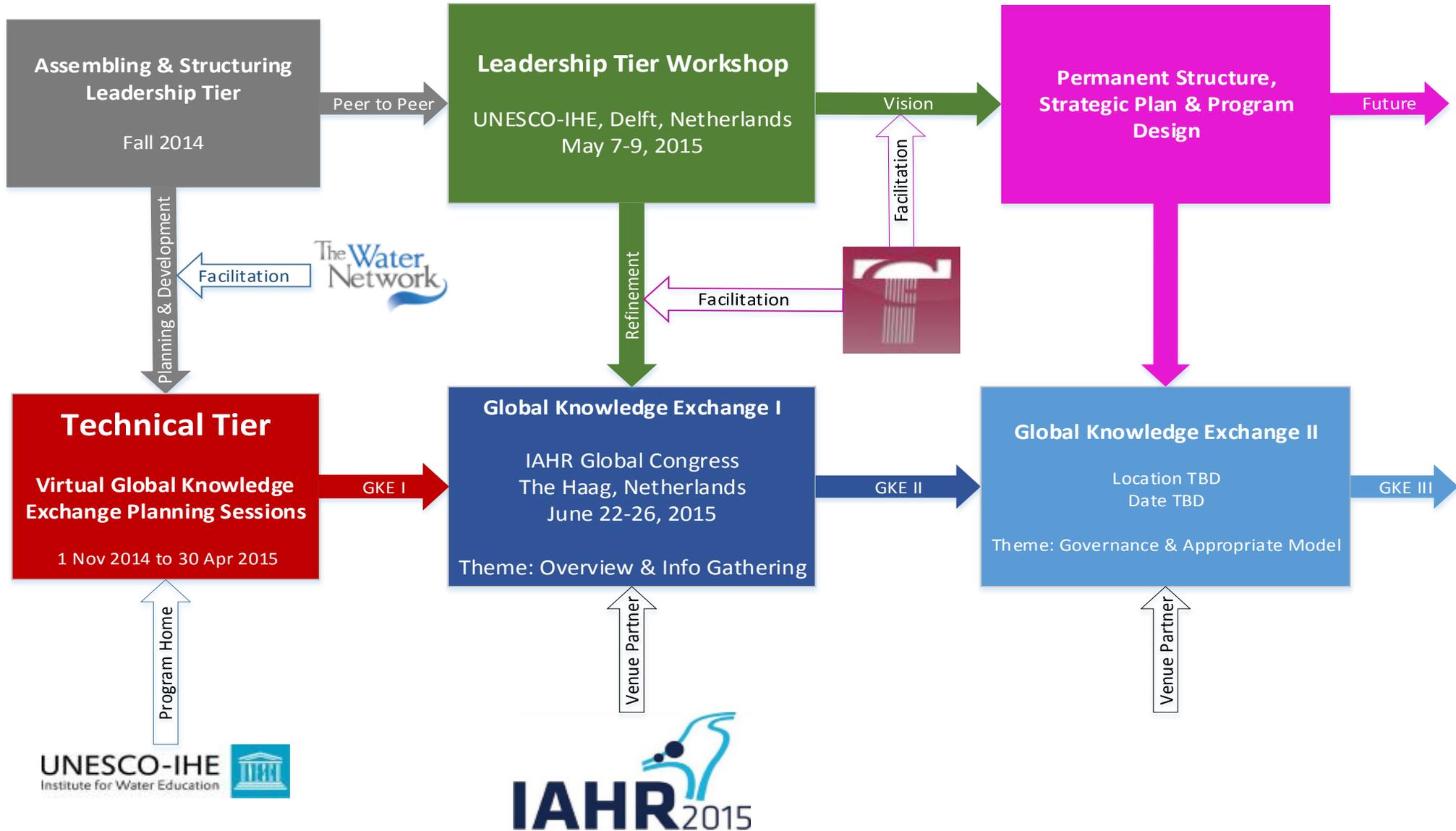


## Basic Structure

- Two levels or “Tiers” in Program
  - A Leadership Tier that provides vision and direction for the program
    - No more than 35 representatives from partners and their designates
    - Cap of 15 representative from US organizations
    - Formed in Fall 2014 and meets online and in person
  - A Technical Tier that provides venues where knowledge exchange takes place
    - When appropriate and available, attaches to a convening of partner organizations
    - Can be a stand-alone when necessary or desired by Leadership Tier
    - Maximum number of participants determined by each venue
- Fiscal Responsibility is a partnership between Florida Earth and UNESCO-IHE as defined in new MOA



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## Leadership Tier

- One key to success is to not have this US centric, hence 15 person cap
- Divided into four sector groups with a chair for each group
- Current chairs are temporary with permanent chairs elected in May
- Organization of GKE I done through virtual meetings, GKE II in May at UNESCO-IHE and virtually after that
- CRC Executive Committee will oversee the Leadership Tier
- Three-day meeting of the Leadership Tier, May 7-9, at UNESCO-IHE in Delft



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## Executive Committee

Co-Chair	Co-Chair	Secretary	At-Large	At-Large
Stan Bronson	Chris Zevenbergen	Arthur Mynett	Nick Shufro	Katharine Cross
Executive Director	Director, Coastal Programs	Secretary-General	Director, North America & SE Asia	Program Chair, Coastal Programs
Florida Earth	UNESCO-IHE	IAHR	RISE	IWA





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## Sector Groups

	Government	Private Sector	NGO's	Academia
Temporary Chair	<a href="#">Tom Armstrong</a>	<a href="#">Whitford Remer</a>	<a href="#">Emily Pidgeon</a>	<a href="#">Joan Fitzgerald</a>
Chair's Organization	White House USGCRP	ASCE	Conservation Int.	Northeastern Univ.
Member Organizations	City of Durban, S.A.	Rand Corporation	World Wildlife Fund	University of Florida
	Bangladesh DOI	Atkins	ICMA	Stanford Woods Inst.
	City of Rotterdam	Arup	ICLEI	MIT
	Rijkswaterstaat	Twynstra Gudde	IAHR	Louisiana State Univ.
	City of Danang	IBM	RISE	Rice
	City of Alexandria	Swiss RE	100 Resilient Cities	TU Delft
	USACE IWR	UBS	IWA	Tyndall Institute
	South Florida CCC	Stantec	The Royal Society	Scripps Oceanographic
	NASA Earth Sciences		Ashoka	Ohio State



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## Technical Tier

- Online through The Water Network for both data and case studies
- Peer-to-peer as a part of the IAHR World Congress, June 22-26
  - Participation limitations based on space available
  - Invitations from Leadership Tier organizations to members/clients/others
- Five days with a theme for each day
  - Monday, June 22 – Introduction and orientation, sea-level rise science
  - Tuesday, June 23 – Engineering solutions
  - Wednesday, June 24 – Ecological Solutions
  - Thursday, June 25 – Models and the use of Data
  - Friday, June 26 – Framing a format to move forward and wrap-up



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## R!SE Initiative

- New UN program launched December 10, 2014 in Cali, Colombia and March 2, 2015 in Boston
- Encourages investment in disaster risk reduction to create resilient societies
- Developed by Price Waterhouse Coopers
- Comprehensive approach to many risk classifications
- CRC covers coastal solutions

VISION  
CREATE  
RISK-RESILIENT  
SOCIETIES



OBJECTIVE  
MAKING  
INVESTMENTS  
RISK-SENSITIVE



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## CRC Outcomes and Products

- Inventories
  - Identification of ten “hot spots” with coastal resilience challenges
  - Places in the world that have put in place some type of risk reduction
  - List of global physical characteristics
  - List of entities/organizations/individuals with resilience expertise
- The “Scale Up” Candidates
  - Example: [Pearl Project in the EU](#)
- Facilitate location and engagement of social entrepreneurs



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## Washington, DC – October 13-17

- 13 Meetings in 4 days
  - Monday - ASCE and ICMA
  - Tuesday – USACE, Rand, White House, British Embassy
  - Wednesday – Dutch Embassy & US Chamber of Commerce
  - Thursday – WWF, Arup, Conservation International, Twynstra Gudde and North Highland



Kirk Hatfield, Joe Manous, Stan, Jack Lansing & Debbie Larson-Salvatore at US Army Corps of Engineers Institute for Water Resources in Fort Belvoir, Virginia



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## Partnership and Sponsor Development

- Opportunity to match expertise and clients who need it
- Role of North Highland and Twynstra Gudde
- NWP – Netherlands Water Partnership
- The Water Network
- Volunteer Team
- Staffing



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## Program Funding

- Direct Funding
  - Registration fees
  - Corporate Sponsorships
  - WWF – Up to \$6500 per person from developing countries
  - Grants
- Indirect Funding
  - Scholarship funds from ICMA, WWF, TG and USACE IWR