

REINHOLD ENVIRONMENTAL Ltd.



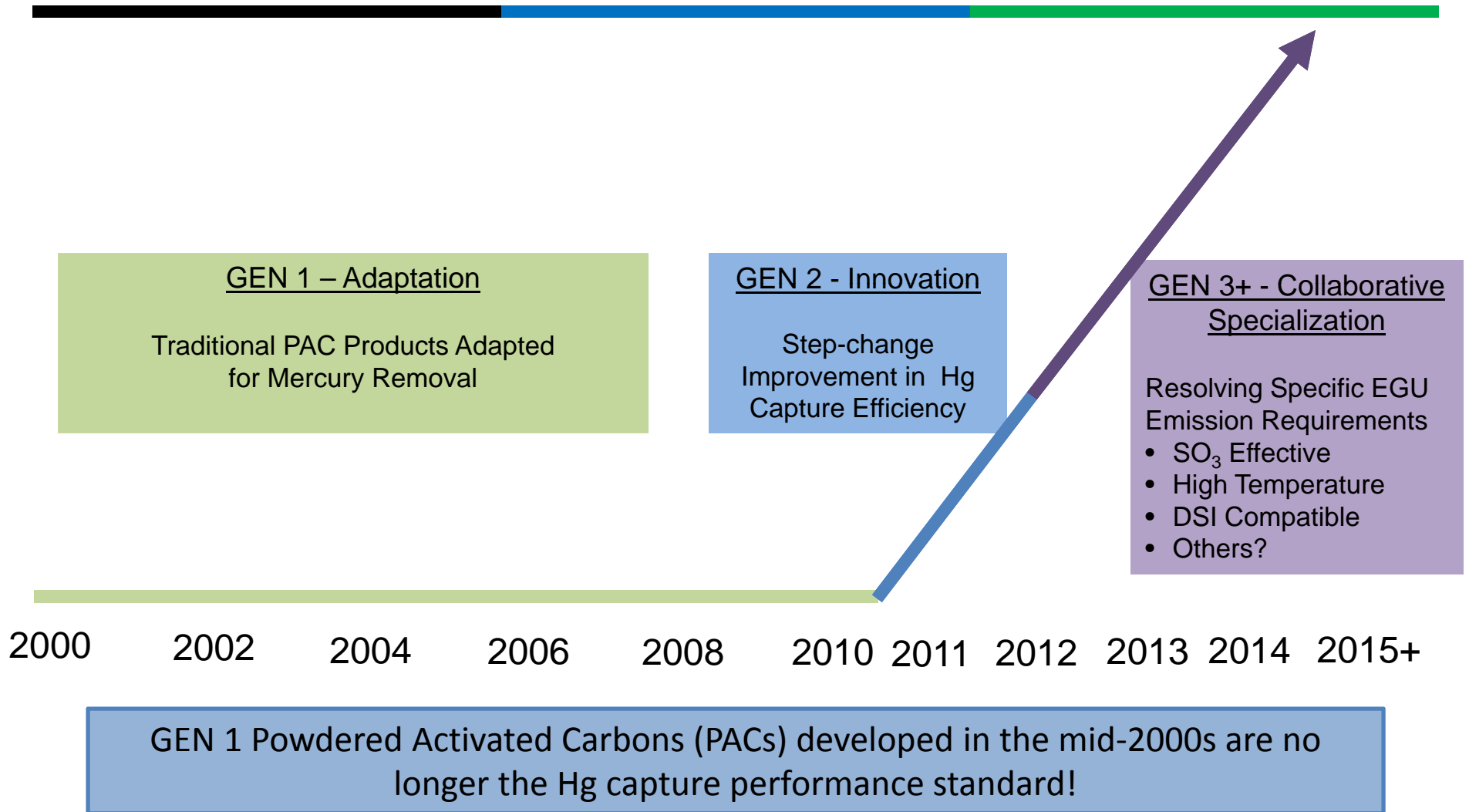
2012 APC Round Table & Expo Presentation

July 16-17, 2012, in Baltimore, MD / Hosted by Duke Energy, Entergy,
FirstEnergy, Southern Company & TVA

All presentations posted on this website are copyrighted by Reinhold Environmental, Ltd (RE). Any unauthorized downloading, attempts to modify or to incorporate into other presentations, link to other websites, or obtain copies for any other uses than the training of attendees to RE's Conferences is expressly prohibited, unless approved in writing by RE or the original presenter. RE does not assume any liability for the accuracy or contents of any materials contained in this library which were presented and/or created by persons who were not employees of RE.



The Activated Carbon Landscape Has Changed





Focus on Achieving All Mercury Capture Mechanisms in the Full Life Cycle of Mercury Capture

		Predominant Mercury Capture Mechanisms		
		Oxidize Mercury	Contact with Capture Media	Secure Mercury Capture & Removal
Emission Treatment	Coal Pretreatment	Effective	Effective	Effective?
	Pre- & Post Combustion Oxidation	Effective		
	Fly Ash / LOI		Effective	Effective?
	Selective Catalytic Reduction	Effective		
	Activated Carbon Injection	Effective	Effective	Effective
	Non-carbon Sorbents	Effective	Effective	Effective?
	Wet Scrubber		Effective	Effective?

Technologies that do not fulfill all three mechanisms require supplemental process steps that could be costly both from a capital or operating cost