

US EPA ARCHIVE DOCUMENT

# **U.S. EPA WATER TECHNOLOGY INNOVATION CLUSTER LEADERS MEETING**

***FEDERAL FUNDING OPPORTUNITIES***

**APRIL 27, 2015**

# CALGON CARBON CORPORATION

# Who Is Calgon Carbon Corporation?

- We are the world's largest producer of granular activated carbon
- We solve customer purification and separation problems with a variety of technologies
- Carbon technology is our core competency with a diverse product portfolio complemented by ultraviolet light and ION exchange

**240**  
PATENTS

**23** OFFICES  
SALES AND SERVICE

**1100+**  
EMPLOYEES

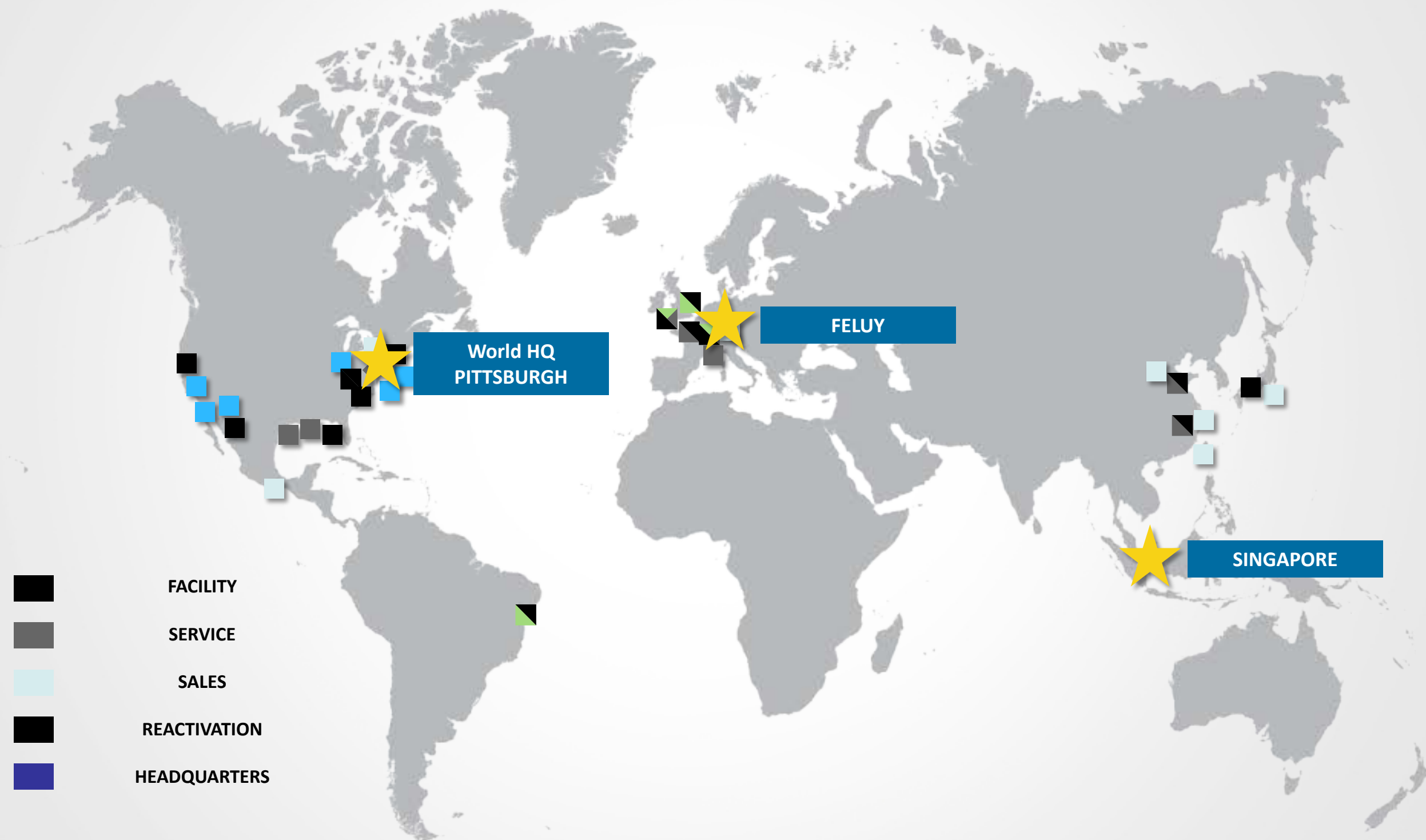
**15** FACILITIES  
MANUFACTURING, REACTIVATION, EQUIPMENT

**70+ YEARS**  
EXPERIENCE

**\$555 million**  
2014 Net Sales



# Global Locations





# What We Do

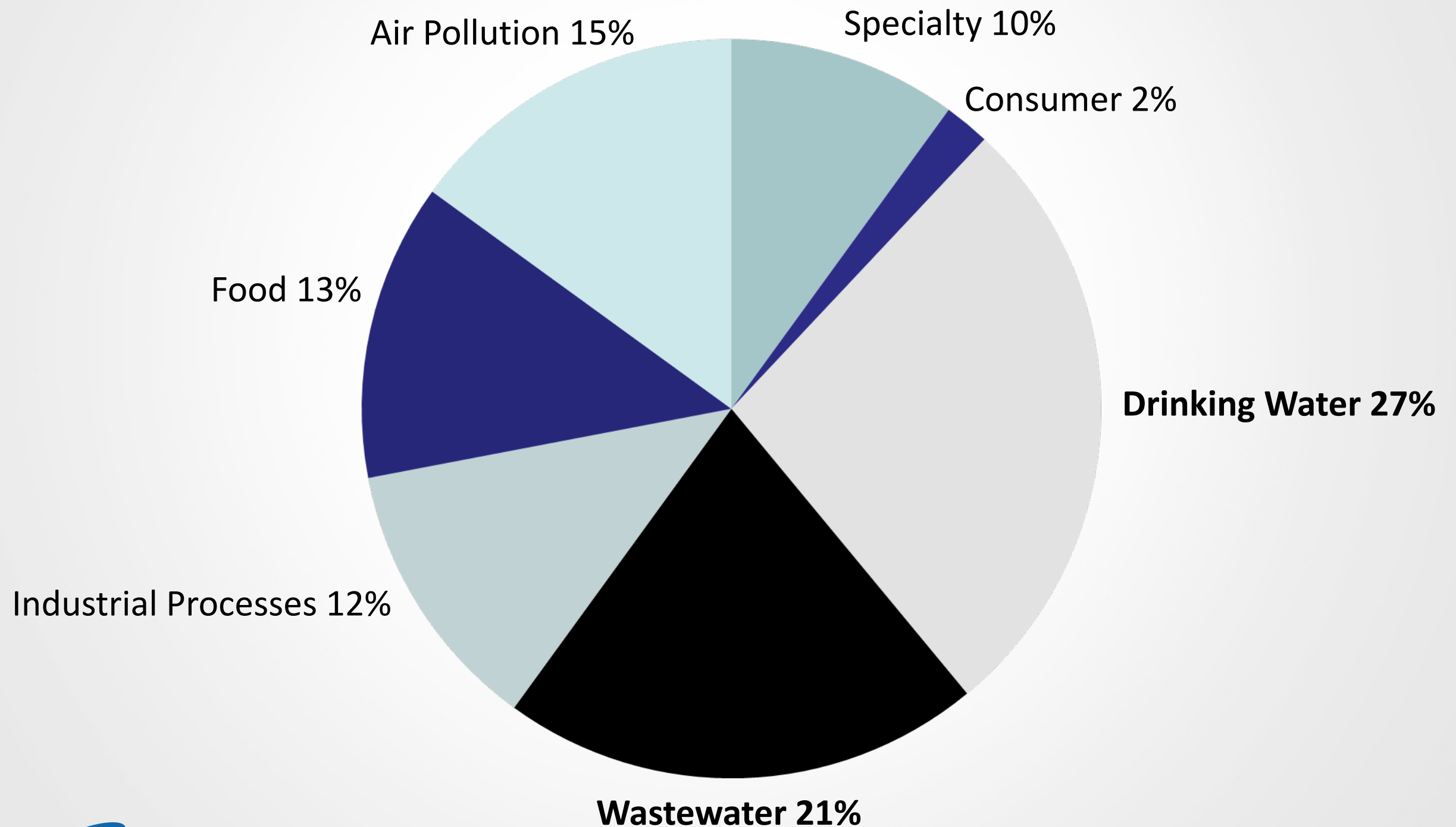
- Develop, manufacture and supply activated carbon, other media and treatment systems to:



**\*CCC is the sole supplier of AC to the US government for chemical attack protection**

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# Calgon Carbon Serves Diverse Markets





# Activated Carbon

**EXTRUDED**

**GRANULAR**

**POWDER**

**CLOTH**





# Equipment

## Carbon Adsorption System



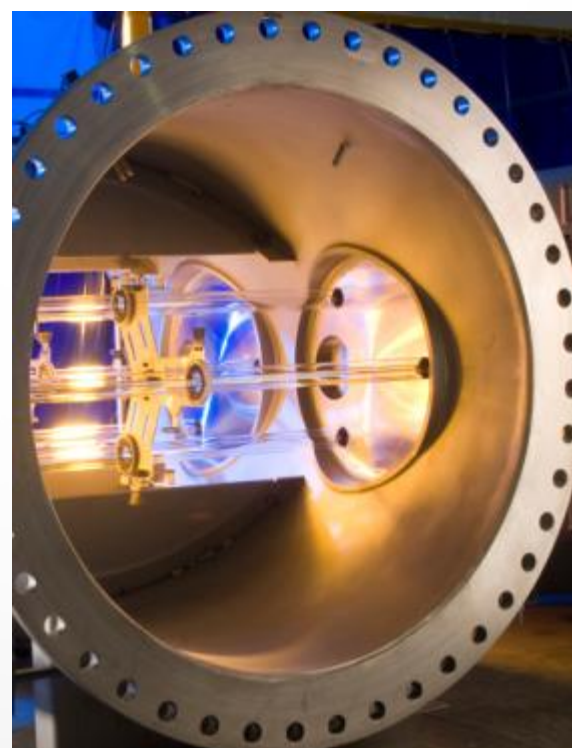
## Ultraviolet Technology



## Ballast Water Treatment



## Ion Exchange Systems



# PERSPECTIVES FROM A WATER CLUSTER ANCHOR COMPANY

# ANCHOR COMPANY PERSPECTIVE

## ROLE IN, SUPPORT TO, AND INFLUENCE AS AN ANCHOR COMPANY IN THE WATER ECONOMY NETWORK ?

- 1 – Calgon Carbon was a founding member of the Water Economy Network, helping to establish initial priorities for members and focus. Jack Adams has been the co-Chair and Chair of the Water Economy Network since its inception.
- 2 – Jack Adams works closely with the Water Economy Network program managers – Fourth Economy – to address organizational and priority areas of activity to present to the Board and broader Membership.
- 3 – As Water Economy Chair, Jack Adams seeks broad Board and Member input to achieve a balanced agenda in the pursuit of water technology development and application.

# ANCHOR COMPANY PERSPECTIVE

## WORKING WITH EARLY-STAGE COMPANIES THAT MAY HAVE RECEIVED FEDERAL FUNDING THROUGH SBIR PROGRAMS?

- 1 – Calgon Carbon is eager to partner with SBIR program participants to advance the success of those participants.
- 2 - this can be accomplished through various collaborations to leverage:
  - technology development
  - access to market



# ANCHOR COMPANY PERSPECTIVE

**ADVICE FOR FEDERAL AGENCIES (DOE, NSF, EPA, USDA, SBA AND EDA) TO CONSIDERATION IN DEALING WITH WATER TECHNOLOGY COMPANIES – EARLY STAGE THROUGH MATURE - AND CLUSTERS?**

- 1 – increase collaboration between agencies, perhaps by way of an interagency task force, to better leverage federal funding assets to realize greater success with water technology companies**
- 2 – leverage activities of EPA Water Clusters to identify and qualify technologies for funding**
- 3 – leverage activities of EPA Water Clusters to help define ‘national – regional – local’ water technology needs**

# POINT OF CONTACT

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