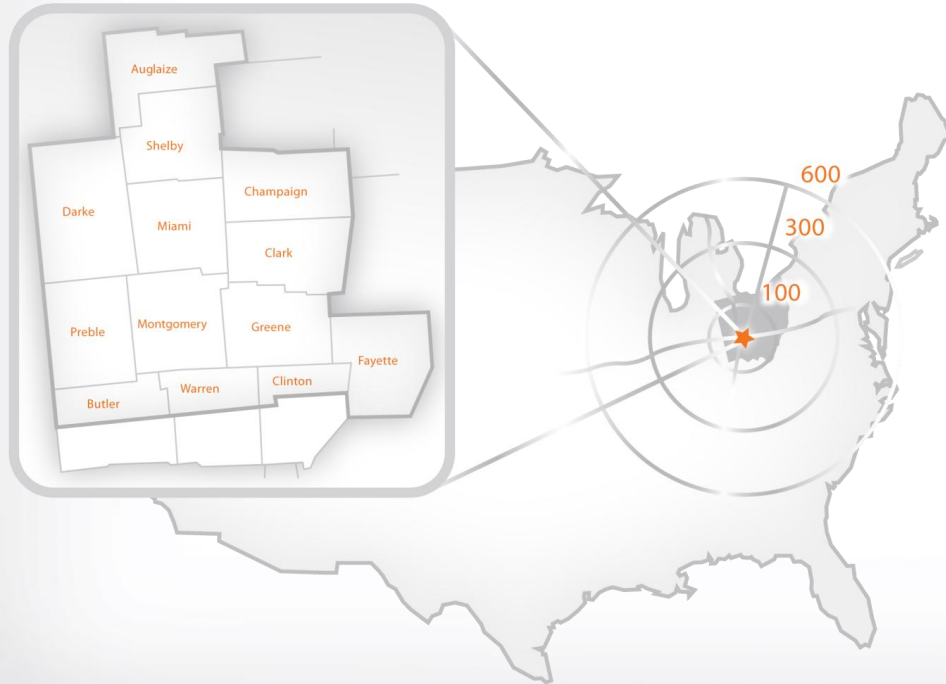


The Water Technology Innovation Cluster

Dayton – Cincinnati – Northern Kentucky

Scott Koorndyk
Vice Chair, WTIC Board of Directors

Defining The Dayton Region



13-County Market
1.7 Million Citizens

Dayton Development Coalition:

Private, not-for-profit, established in 1994 to lead regional economic development and advocacy.

Mission: support **job creation and prosperity** for the citizens of the Dayton Region.

Vision: working as a public/private partnership, we are growing the Dayton Region and we are one of the **most livable regions in America.**

WTIC Background

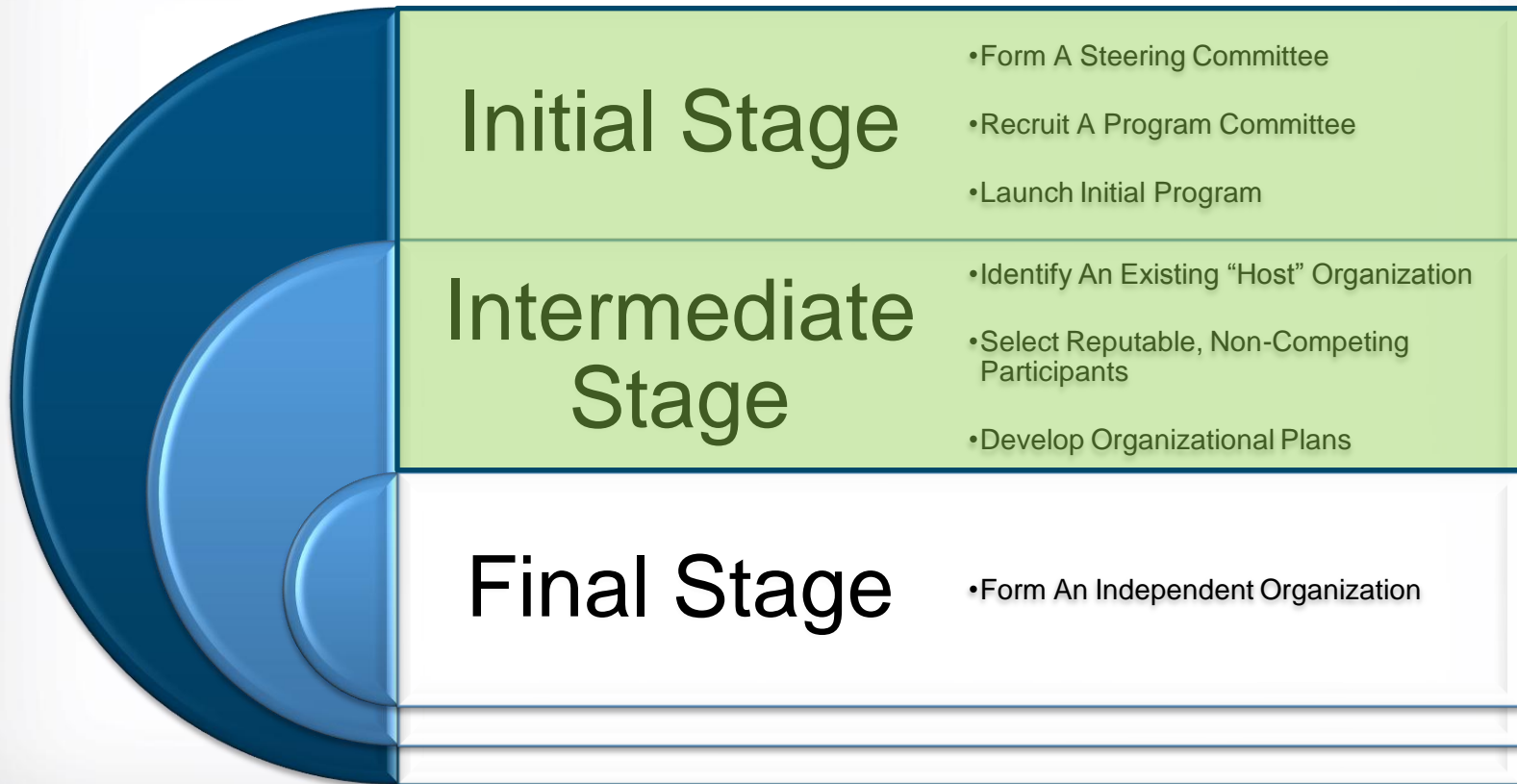
- Started with a “challenge” from the US EPA & SBA

- Formational Goal:

To enhance the interactions of the Cluster to accelerate local/regional economic growth via the enhancement of research, development and commercialization of technologies.

- Jobs
- Growth in existing companies
- New companies, company relocations
- “Innovator” image

Cluster Development Roadmap

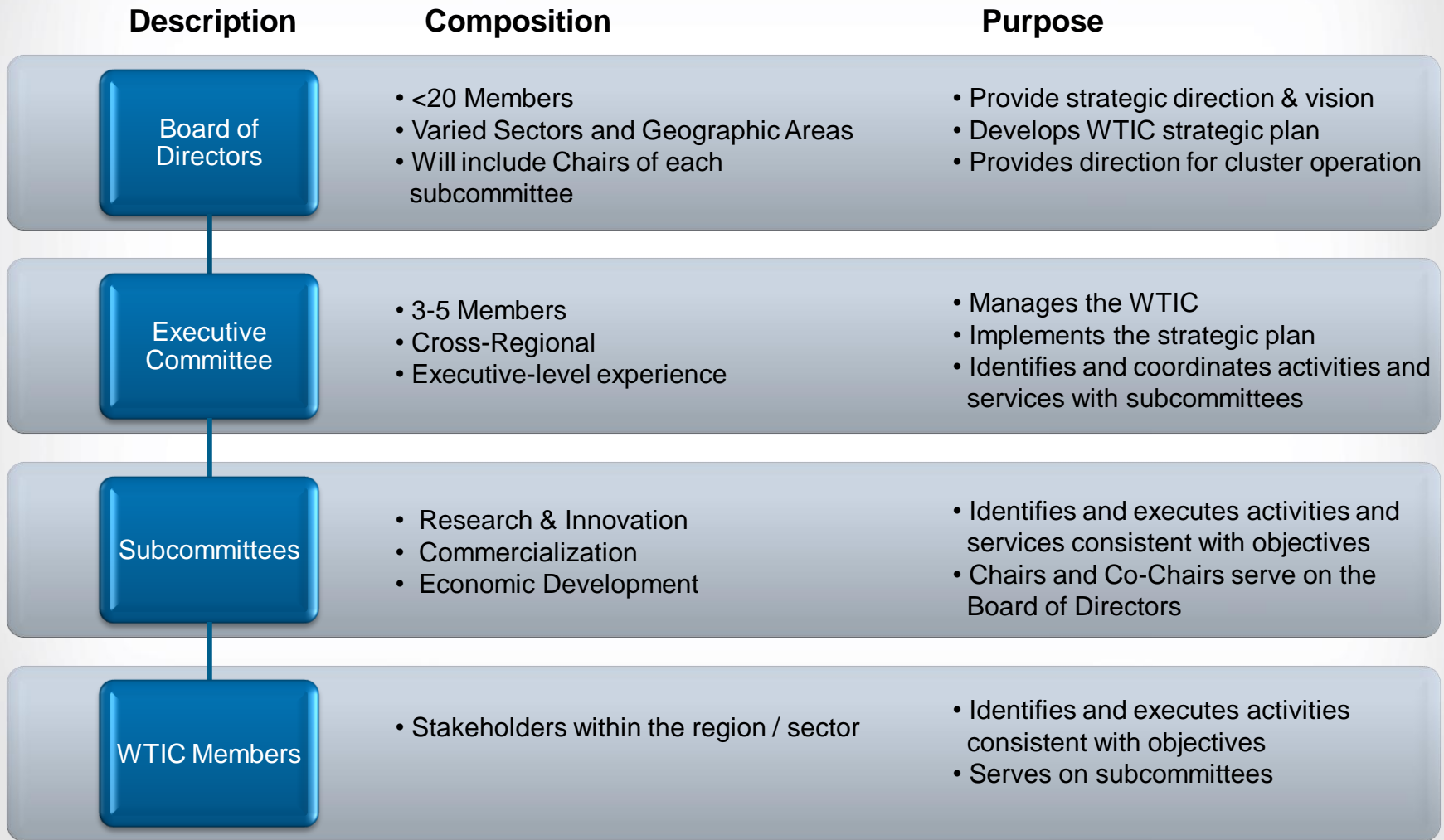


Source: Dr. Fred Phillips

Vision, Mission, Objectives

- **Vision** – Collaborate to establish the region as a global leader in sustainable, environmental technology innovation, with an initial emphasis on water
- **Mission** – Develop and commercialize innovative technologies to solve environmental challenges and spur sustainable economic development and job creation
- **Objectives** –
 - Technology development to commercialization
 - Scientists and entrepreneurs – attract the best
 - Economic development via jobs and investment
 - World’s source for practical and affordable solutions and sustainable practices

WTIC Organization



Represented on the Board

- ORSANCO
- Vision 2015
- Dayton Development Coalition
- Ohio Farm Bureau (Program Innovation)
- Miami Valley Conservancy District
- Veolia Water Solutions and Technologies / Crown Solutions
- TechSolve
- University of Cincinnati
- GE Power and Water
- UES, Inc.
- Northern KY Water
- University of Dayton
- Cincinnati USA Regional Chamber
- Cincinnati Metropolitan Sewer District
- Draper Triangle Investments
- YSI, Inc.
- Northern KY Tri-ED
- Northern Kentucky Sanitation District

WTIC Progress

1. Board of Directors Formed and Monthly Meetings Occurring
2. Executive Committee Formed
3. Subcommittee's Formed – Initiatives Under Development
4. Current Initiatives/Discussions
 - Creating Database of Contacts
 - Development of Funding Models
 - Organizational Formation (501(3)(c))
 - Housing of the Cluster

WTIC – Building on the Dayton Region's Assets

Douglas Dusty Hall
Program Development Manager
The Miami Conservancy District
Dayton, Ohio

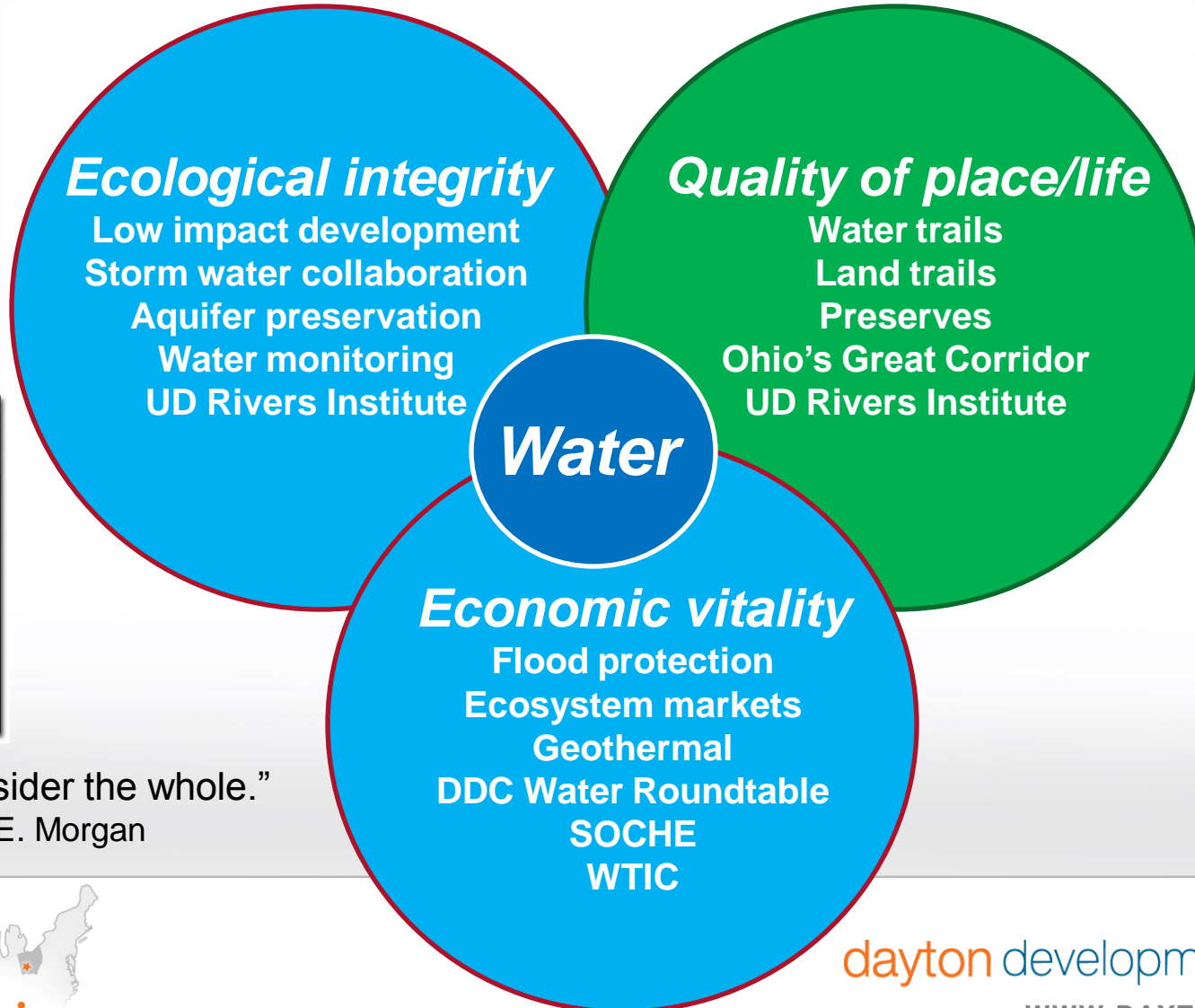


The Miami Conservancy District

- Great flood of 1913
- Ohio Conservancy Act
 - Signed into law in 1914
 - *Watershed-based political subdivision*
 - Broad authority primarily for water-related purposes
- MCD established 1915
- Arthur E. Morgan



MCD – All About Water



“Always consider the whole.”
Arthur E. Morgan

GOALS OF WATER ROUNDTABLE

1. Capitalize on the region's water-related assets to support business development, innovation and technology, energy and local prosperity (**economic development**)
2. Develop a water knowledge center that paves the way for student internships and jobs (**education**)
3. Work together to protect and maintain an adequate supply of good quality water (**preservation/sustainment**)
4. Promote and expand water related recreation opportunities, in the Dayton Region (**recreation**)

Wright Brothers Institute

- Stimulate unique and innovative technical solutions
- Work in partnership with AFRL
- Intense collaborations of government, industry, and academia focused on complex challenges
- Stimulate and support the growth of technology companies



Wright Brothers Institute

SOCHE

- Southwestern Ohio Council for Higher Education
- Alliance of 22 academic organizations



SOCHE Southwestern Ohio Council
for Higher Education

Water Technology Think Tank-WT₃

- WBI facilitated
 - Talent pool
 - USEPA
 - AFRL
 - SOCHE members
 - Private sector
 - Local utilities
 - The world!
1. Challenge
 2. Process
 3. Innovate
 4. Prototype
 5. Lab scale
 6. Field scale
 7. Incubate

The Water Technology Innovation Cluster

WTIC and Private Enterprise

Jim Marten
Vice President – Crown Solutions

WTIC and Private Enterprise

- Early access to emerging technologies.

WTIC and Private Enterprise

- Early access to emerging technologies.
- Partnering (potential) with entrepreneurs for commercialization of technology and services.

WTIC and Private Enterprise

- Early access to emerging technologies.
- Partnering (potential) with entrepreneurs for commercialization of technology and services.
- Collaboration with area Universities and the EPA on R&D technology development.

WTIC and Private Enterprise

- Early access to emerging technologies.
- Partnering (potential) with entrepreneurs for commercialization of technology and services.
- Collaboration with area Universities and the EPA on R&D technology development.
- Networking with leaders in water and waste water markets.



thank you for your support