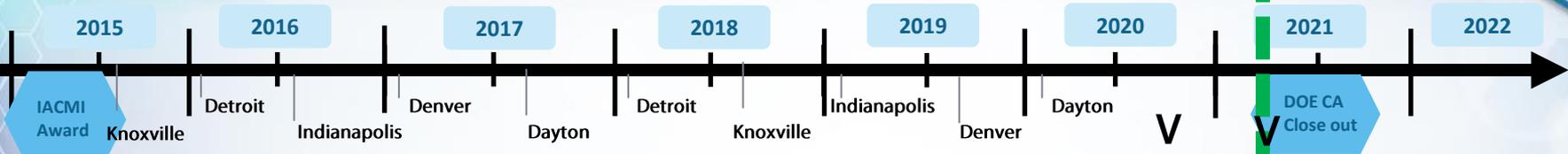




IACMI
February 17, 2021

Winter Members Meeting Update

IACMI - Past, Present, Future



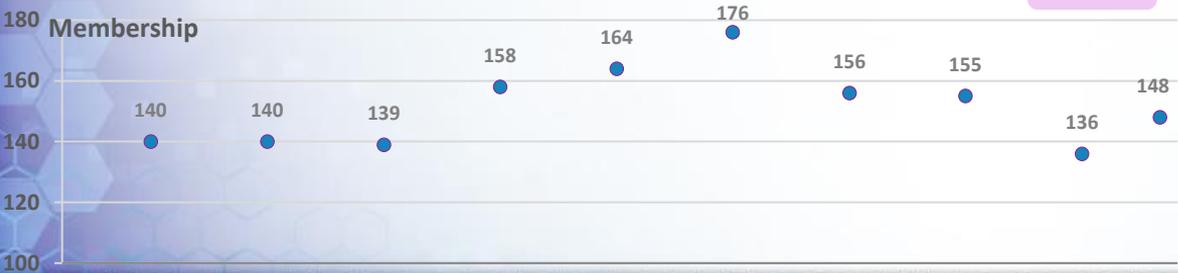
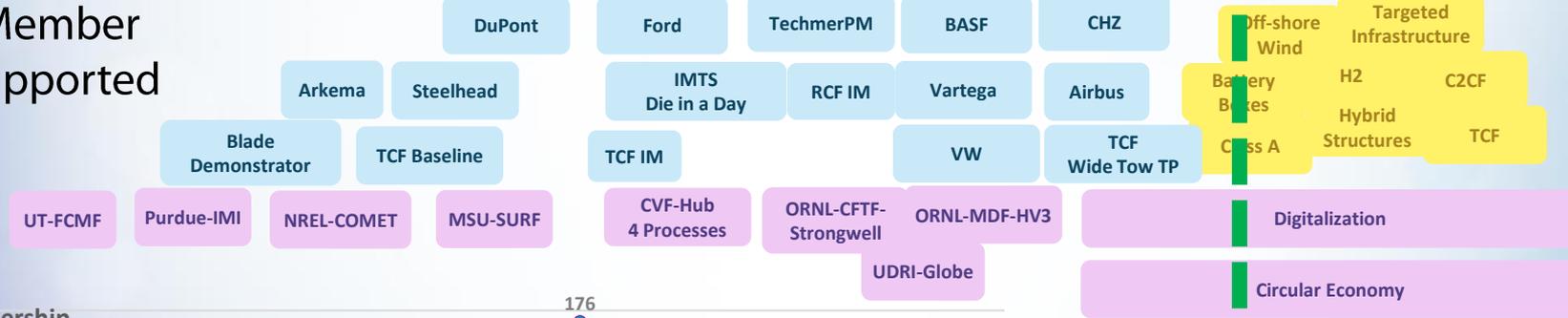
WORKFORCE 2017
 - 4 CMA (TN, CO, IN, OH)
 - 15 Interns/ 5 Hosts

WORKFORCE 2018
 - 4 CMA (TN, CO, MI, IN)
 - 22 Interns/ 8 Hosts

WORKFORCE 2019
 - 4 CMA (MI, CO, UT, OH)
 - 43 Interns/ 19 Hosts

National WFD Programs

Member Supported



Member Driven

Consortium Council

- ◆ **CONVENING to prioritize and serve US R&D needs in composites**
 - ◆ Member meetings and other events
 - ◆ Access to thought leaders and decision makers
- ◆ **CONNECTING the Composites Ecosystem**
 - ◆ Supply chain based frameworks for decision making
 - ◆ Collaboration models and priority access to core partner assets
- ◆ **CATALYZING U.S. Global Competitiveness**
 - ◆ Production relevant environments for innovation and workforce training
 - ◆ Awareness/focal point for co-funding from state and federal sources

Impact via Deployment and Implementation in Key Applications & Markets



Transportation

Infrastructure

Ground



Turbines



Aerospace



Roads & Bridges



Buildings



Marine



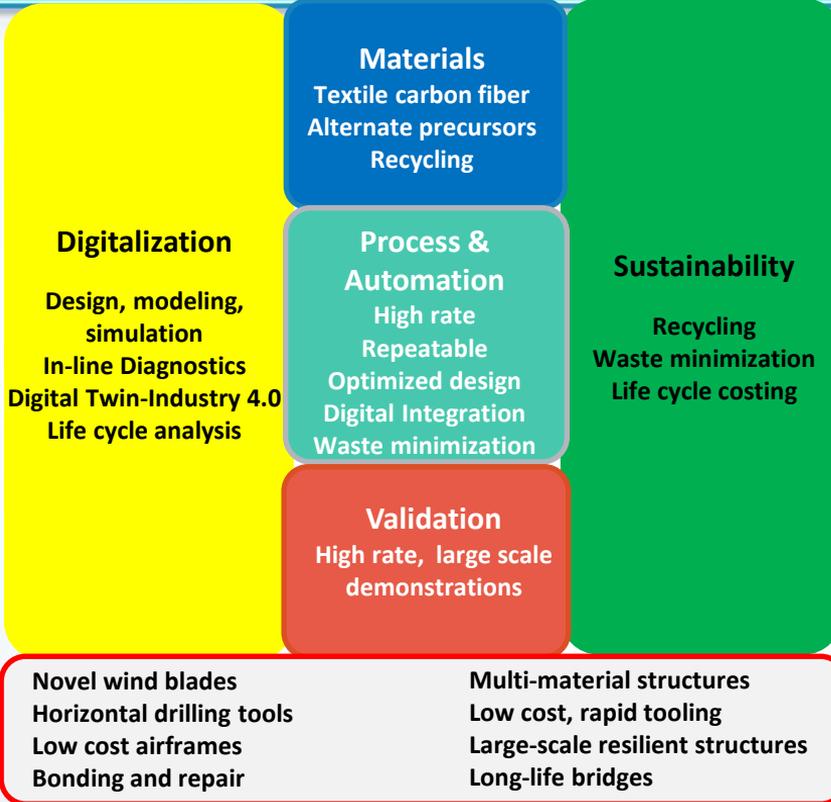
Waterways

An Integrated Strategy



Low energy carbon fiber
Fast processing chemistries
Bioderived composites
New products enabled by greater performance/price ratios

Efficient design
Technoeconomic assessment
Functional optimization
Digital twin
AI driven process control



High rate handling of fiber forms
Multi-process connectivity
Large scale manufacturing
Improved consistency in fabrication
Multi-material/multi-format manufacturing

Reduction in energy and costs
Viability for reuse & repurpose
Reduction of waste and landfill
Demonstrated resiliency
Lower lifetime carbon footprint

IACMI – Driving Impact



Networking

Validations

Co-funding

Training

Interns

Convene

Connect

Catalyze

Facilities

Expertise

Influence

Consulting

Education