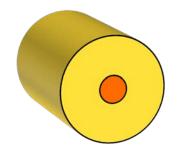
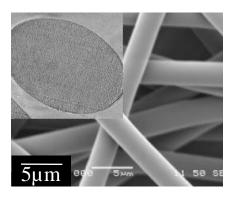


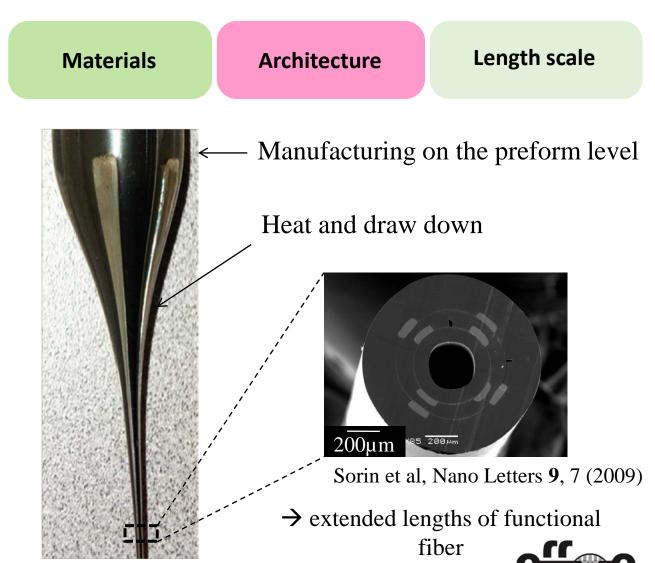
Preform-to-fiber processing: a pathway to functional fibers

Conventional fibers





Single material Simple geometry



A National Movement



Membership Accrual

100 SIGNED AGREEMENTS



Startup/NPO (39)

AFMA

American Boronite

APJet

ATACAMA

Ben Franklin Tech Partners

Biotectix Biowear

Blue Export Group

Bonbouton

Brooklyn Fashion + Design Accelerator

Brrr!

Chameleon International

Electroninks

Elizabeth Whelan Design

Empatica FabNewport Factory 404 Force Fibers FullScaleNano Glocal Network

Loomia

Ministry of Supply

Nanocomp Technologies Nashville Fashion Alliance

NCTO

Parent Technology Group

Principled Design Protect the Force

Rebel

Reserved Studio



Industry (15)

ADS

Analog Devices

Cintas Corning DuPont

Highland Industries

Lear

Lubrizol Advanced Materials

New Balance Athletics

Nike PVH

Saint-Gobain

Steelcase/DesignTex

VFC

Sumitomo Chemical



FIN (20)

American & Efird

Apex Mills

Auburn Manufacturing Bluewater Defense

DSM Dyneema

Flextronics

Haartz

Hills

Inman Mills

International Textile Group

Intradeco Apparel Lakeland Industries

Milliken & Company

Otex Specialty Narrow Fabrics

RTI International Saab Barracuda

Sage Automotive

Tencate Protective Fabrics

Triton Systems Warwick Mills



Academic (26)

Carnegie Mellon Clemson University

Drexel University

FIT

Indiana University Bloomington

Iowa State University

MassMEP

MIT

Manufacturing Solutions Center

NC State University

Ohio State University

Pennsylvania State University

Philadelphia University

RISD

TCC at Gaston

Thomas Jefferson University

University of Georgia

UMass Amherst

UMass Dartmouth

UMass Lowell

University of Central Florida

University of Kentucky

University of Maine

University of Minnesota

University of Texas at Austin

Virginia Tech



SEAMS Association Solielle Design Studio

TexDel

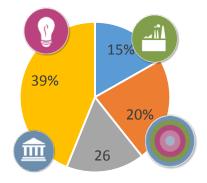
Textile Instruments

Uwila Warrior Veil Intimates

Vorbeck

WETESO

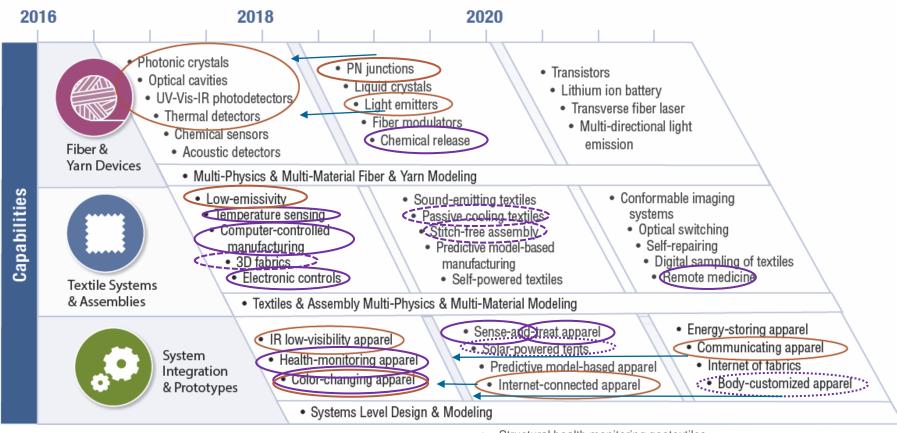
WiseWear





AFFOA Roadmap 1.0

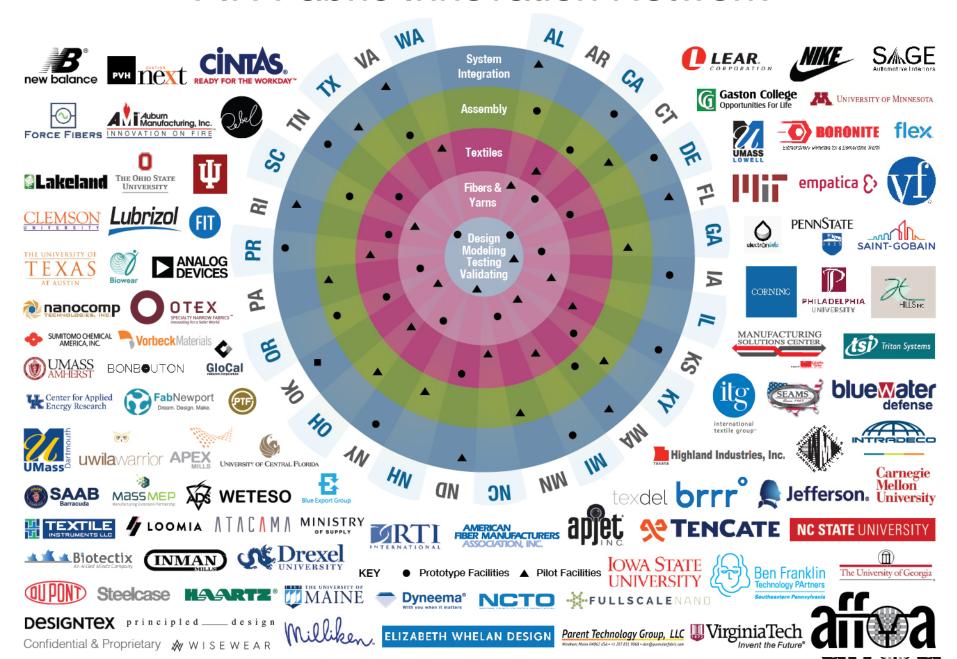
Current Core Demonstrators & Project Call



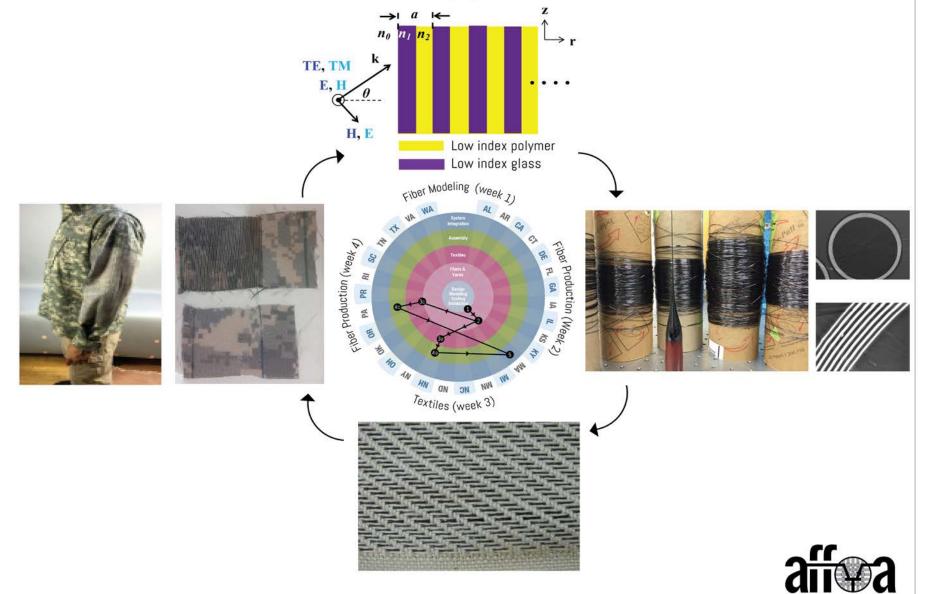
- Structural health monitoring geotextiles
 - Color changing infrastructure
 - · Chemical release apparel
 - · Treatment apparel



FIN Fabric Innovation Network



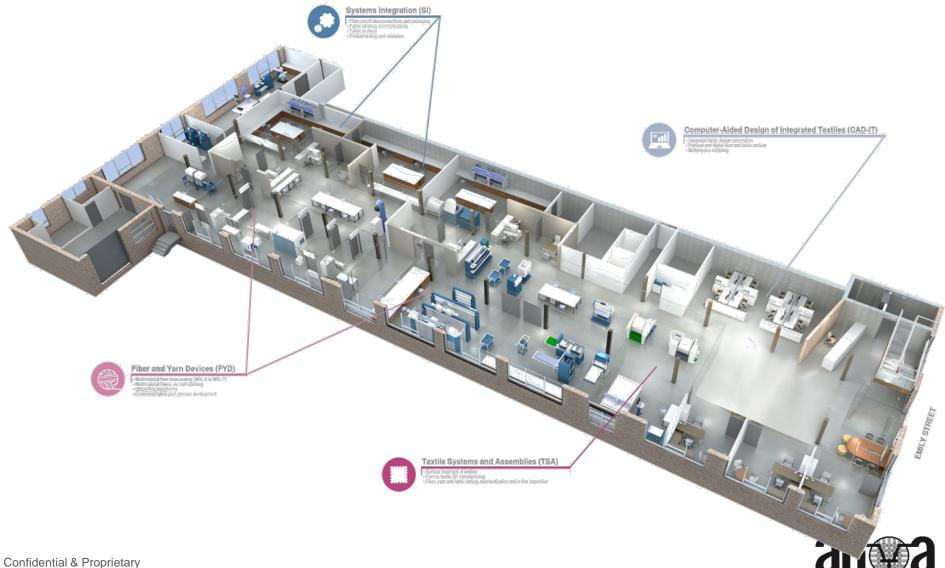
CAD to Product Prototype in 4 Weeks



HQ Fabric Discovery Center (FDC)



Technology, Product, Manufacturing, and Education



fabrics the new software

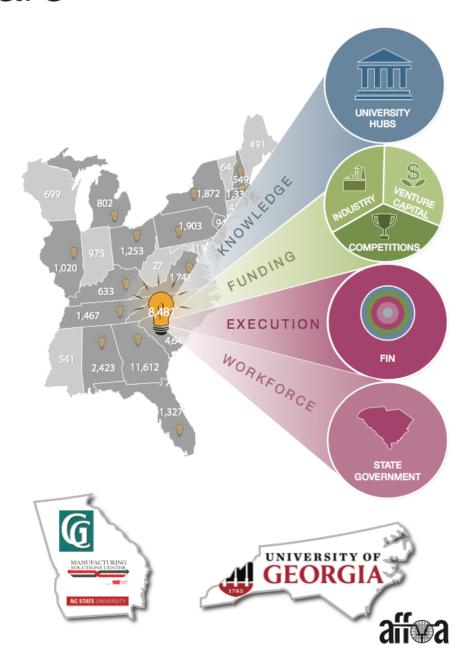
AFFOA lowers the barrier to innovation in the advanced functional fabric space enabling startups to thrive. AFFOA unlocks fabric product innovation in the same way that "app stores" unleashed business model innovation based on software.

AFFOA is building a national network of fabric discovery centers that colocate prototyping with incubator space and educational and workforce activities.

AFFOA combines IP, knowledge and manpower from universities, consumer insights and funding from industry, rapid prototyping through FIN and resources from public and private sectors to accelerate product innovation across the country.







AFFOA "firsts"

- Moore's Law for Fibers
- Fabric as a service
- Product focused
- Compact and distinguished board
- Small-business startup oriented
- Proprietary 'product' projects
- "One-stop" University IP licensing
- 2 page member agreement NDA free
- IP-based "made in US" strategy
- Roundtable membership no more 'Tiers'
- Do-Learn-Teach member engagement
- Fabric Discovery Centers

