

Coalition for Applied Research (CAR) White Paper

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AHDC

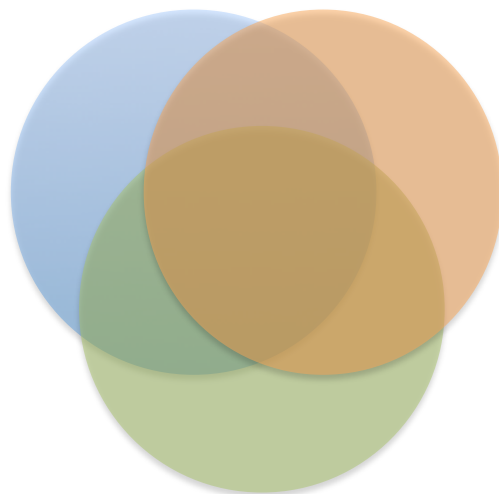
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Converging Prospects

- Regional Innovation

- Clusters:

- Innovation Based Economic Development (IBED)



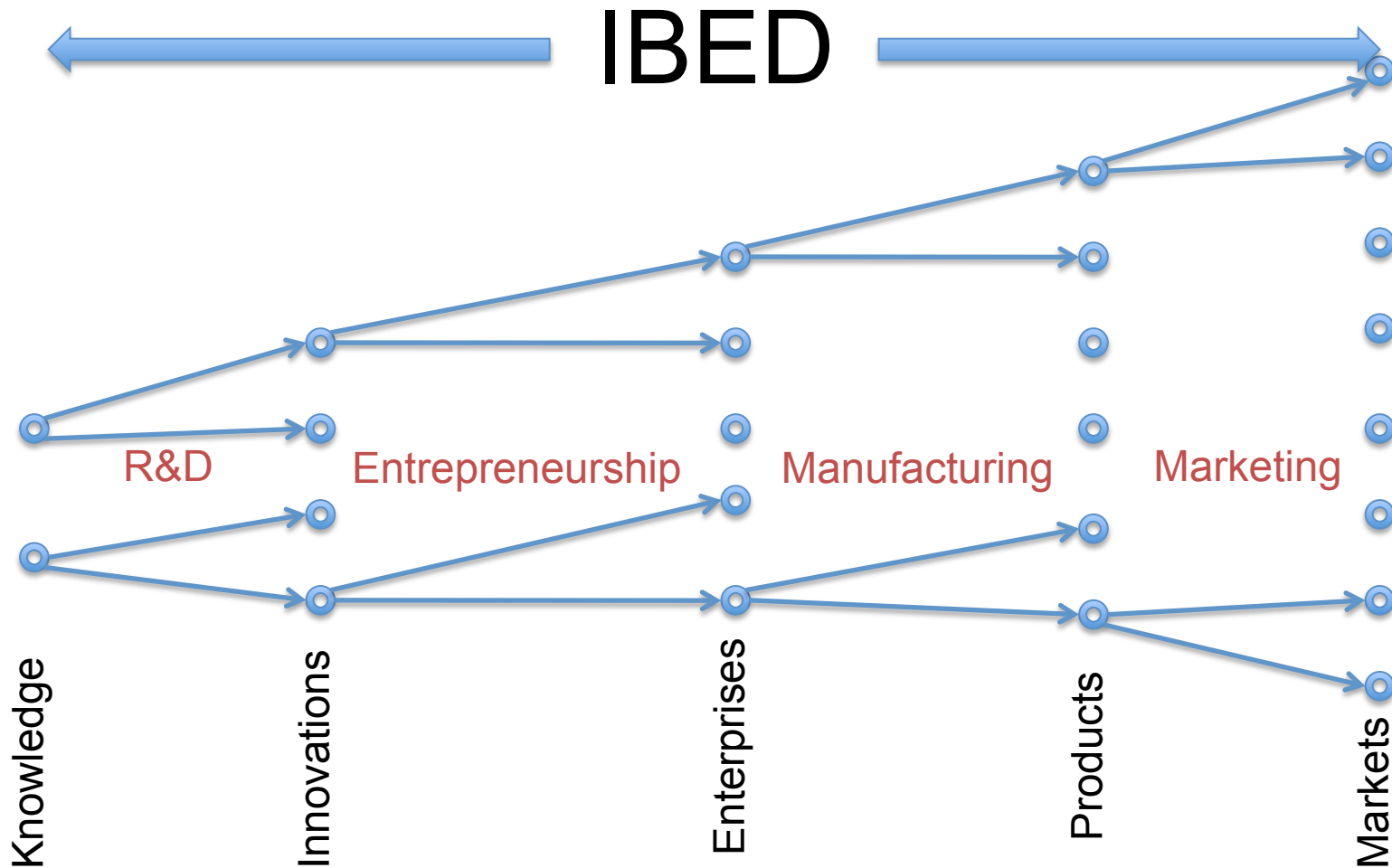
- US DON/SBA:

- MOU pursuant to Executive Order
- Test Centers for SBIR
- (Keynote speech by Sean Crean at 2011 Navy Opportunity Forum)
- Pre-implementation stage

- Coalition for Applied Research (CAR)/Non Traditional Centers of Excellence (NTCE)

- Open Innovation (Launched in 2009)
- Applied Innovation Challenge Contests
- Shared Infrastructures for transition of emerging technologies from Laboratory to Deployment
- Team Sub PEO SBIR

Innovation-Based Economic Development



POC/ATED Centers

- Proof of Concept Centers for Emerging Innovations;
- Open Innovation collaboration among Industry, Academia and Government;
- Physical Infrastructure to support research, development and prototyping of emerging innovations;
- Technical Support Staff with expertise in: Science, Engineering, Manufacturing, Business Finance, Marketing, Contracts Management – Supporting Inception, Refinement, Prototyping, Capitalization, Marketing of emerging innovations.

POC/ATED Centers Schematic

Owners/Operators:

- Public (State, County)/Private Partnership
 - Investors/Donors
 - CAR

Inputs:

- Proposals
- Review/Selection
- Seed Funding

Physical Infrastructure:

- High Rise R&D Campus
- Prototype Manufacturing Laboratory
- Test and Development Laboratory
- Conferencing and Exhibits Center
- Commercial & Residential Units

Outputs:

- Patent Applications
- Licensing Agreements
- New Enterprises
- Technical Workforce

Staffing:

- Patent/Licensing Experts
- Business Development Experts
 - Fund Raisers
- Technical Staff

CAR Business Process

- Outreach to 6.4 Program Managers at: Navy, Army, Air Force and DARPA
 - Highlight Rapid Technology Transition Process from 6.2/6.3 >>>>6.5 and beyond
 - End User Challenge Identification Workshops
 - Innovation Challenge Contests
- Establish funding channels: e.g.
 - SETA Prime Contractors with ID/IQ ceiling
 - Industry Integrator with ID/IQ ceiling
 - 8(a) Small Business with ID/IQ ceiling
 - SBIR Phase II Add-On
- Agreements between contest winners and funding channels