



# North Texas RCIC

Technology ★ Commercialization ★ Job Creation

**“Grow Your Own”**

**Tech-based Entrepreneurs**

**&**

**Texas Emerging Technology Fund**

*North Texas Regional Center for Innovation and Commercialization  
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[www.ntxrcic.org](http://www.ntxrcic.org)*

# Technology Entrepreneurship - The Essential Elements



**Patentable Technology**



**'Valuable' Application**

**Business 'Know-how'**



**Realistic Business Plan**

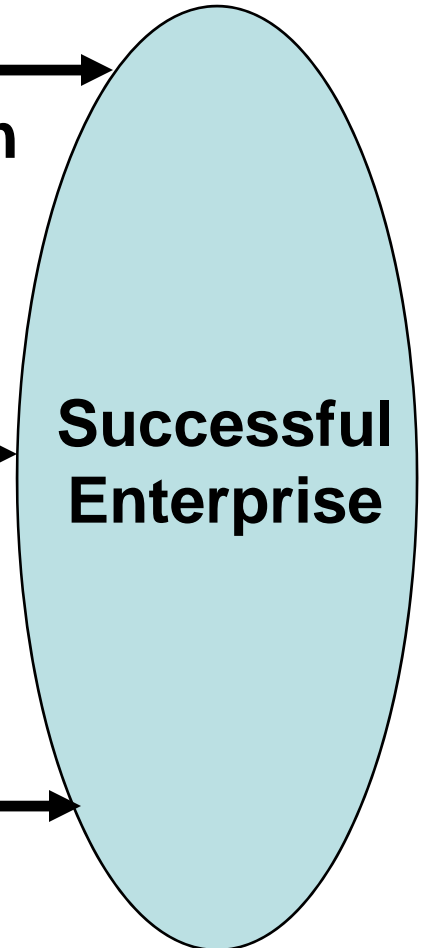
**'Appropriate' Funding**



**Development**

**Growth**

**Successful  
Enterprise**



# Texas Vs 'Silicon Valley'



## Texas Excels in INVENTION

- Typically **2<sup>nd</sup> or 3<sup>rd</sup>** in annual patent filings

## Texas Lags BADLY in Commercialization

- Typically **13<sup>th</sup>-15<sup>th</sup>** in tech-based startups

## Biggest **comparative 'shortages'**:

- Tech-savvy, early-stage **investors**
- Experienced 'serial' **entrepreneurs**

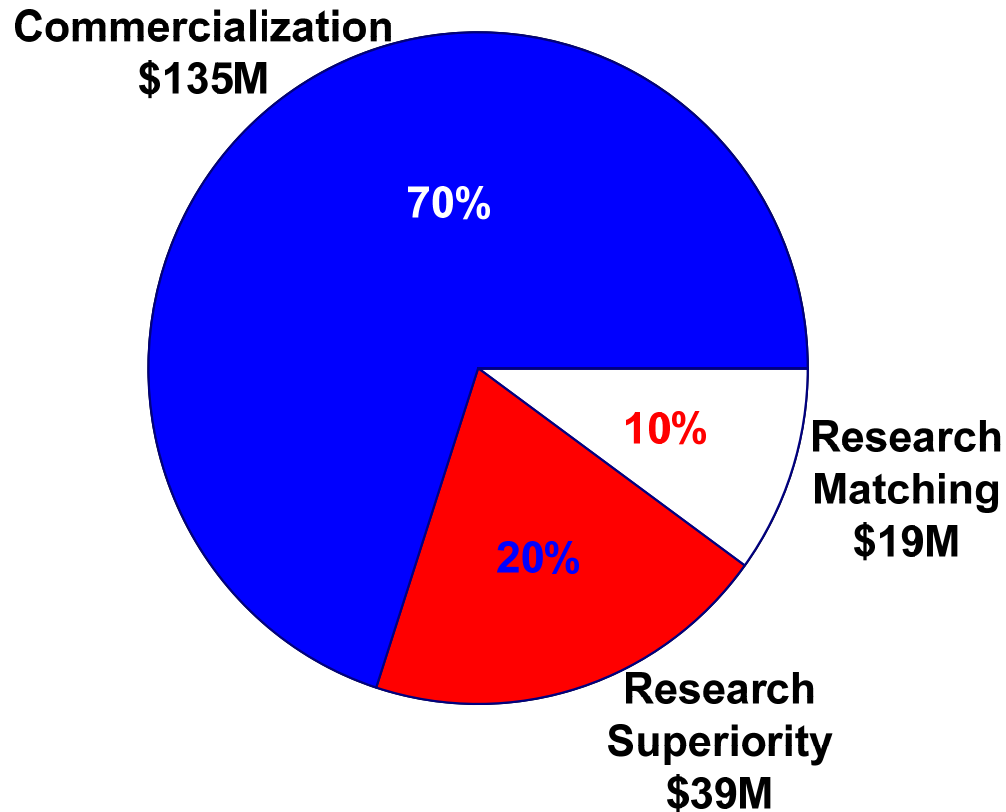
# Allocation of ETF II Funds



\$193 million over the biennium (9/07 - 8/09)

Plus

Private, Industry and Federal funds attracted or catalyzed by ETF.



# Emerging Technology Sectors



- **Semiconductors**
- **Information Technology**
- **Computer software technology**
- **Energy**
- **Manufactured energy systems**
- **Micro-electro mechanical systems**
- **Nanotechnology**
- **Biotechnology**
- **Medicine**
- **Life Sciences**
- **Petroleum refining and chemical processes**
- **Defense/Aerospace**
- **“Clean” and “Green” technologies**

# ETF Regions and 'Centers for Innovation & Commercialization'



**North Texas RCIC**  
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**Texas Life Science CIC**  
(statewide)

**West Texas Coalition for  
Innovation and Commercialization**

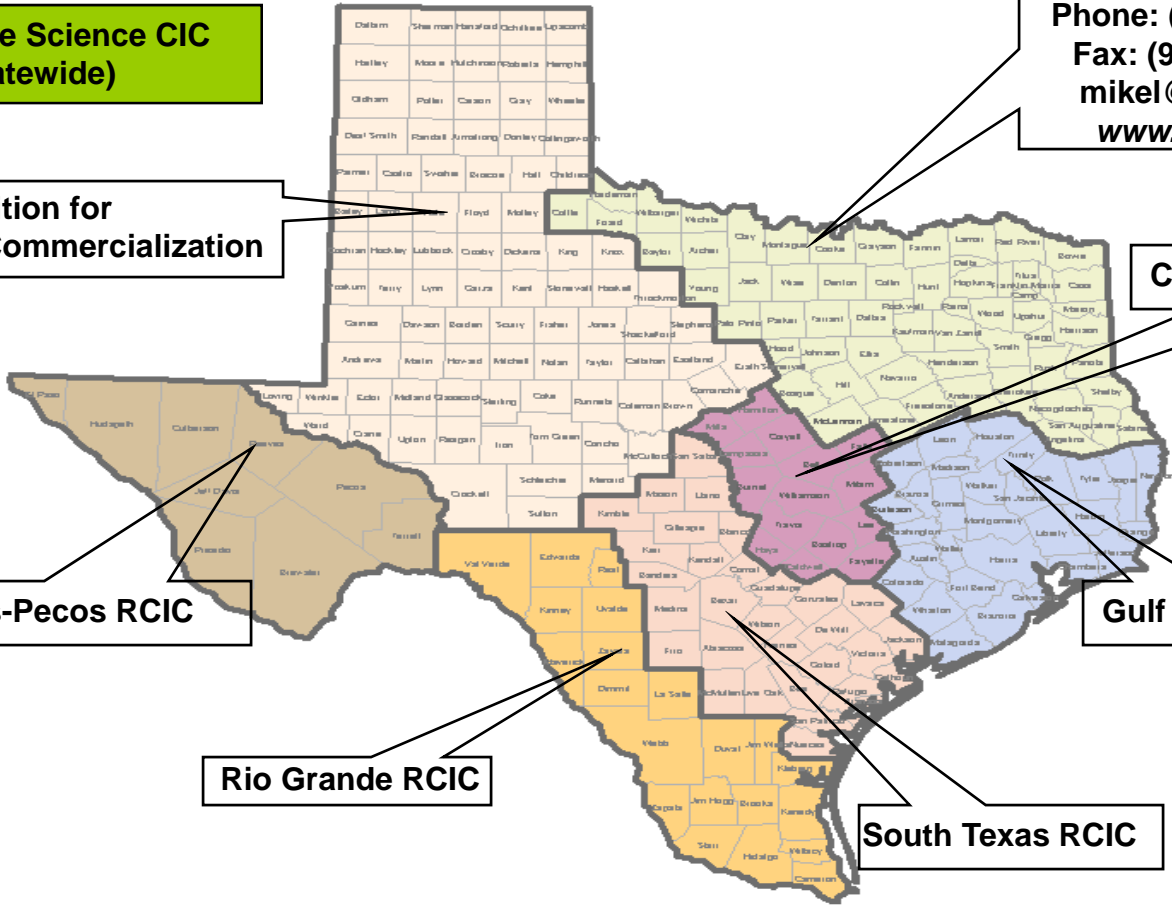
**Central Texas RCIC**

**El Paso / Trans-Pecos RCIC**

**Gulf Coast RCIC**

**Rio Grande RCIC**

**South Texas RCIC**

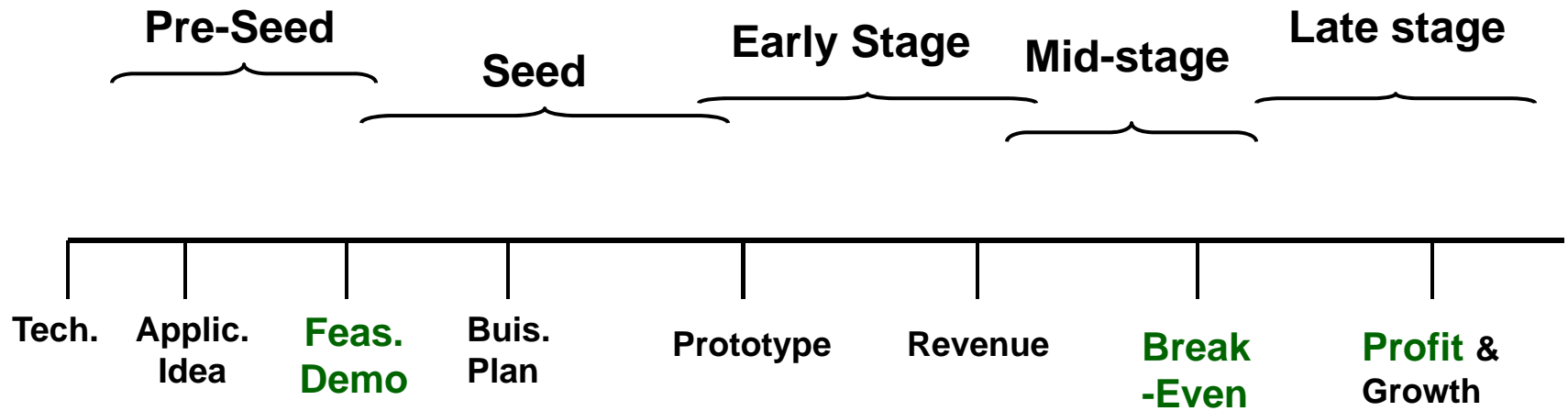


# ETF Awards to Date

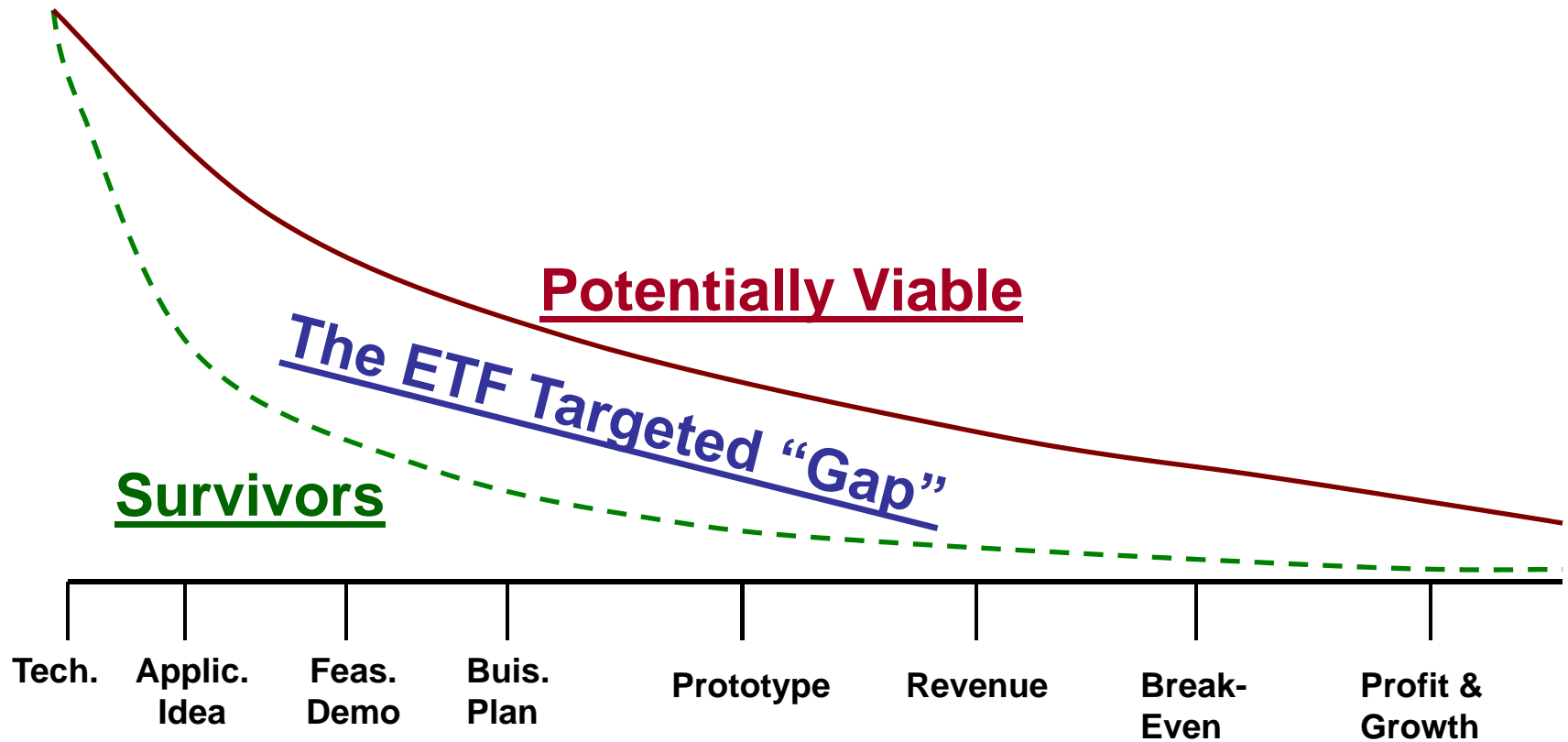
<ul style="list-style-type: none"> <li>• <u>Research Superiority</u> <ul style="list-style-type: none"> <li>– 10 projects</li> </ul> </li> </ul>	<u>State</u>	<u>N. Texas*</u>
	\$ 42.0 M	(4) \$20.5 M
<ul style="list-style-type: none"> <li>• <u>Commercialization</u> <ul style="list-style-type: none"> <li>– 46 companies</li> </ul> </li> </ul>	\$ 46.0 M	(13) \$10.9 M
<ul style="list-style-type: none"> <li>• <u>Research Matching</u> <ul style="list-style-type: none"> <li>– 12 projects</li> </ul> </li> </ul>	\$ 34.9 M	(2) \$ 9.5 M
	<b>Total</b> \$122.9 M	(19) \$40.9 M

\* There are 15 additional N. TX Commercialization deals in process for an additional total of \$ 16.5 M.

# Tech-Based Ventures Life Cycle Stages



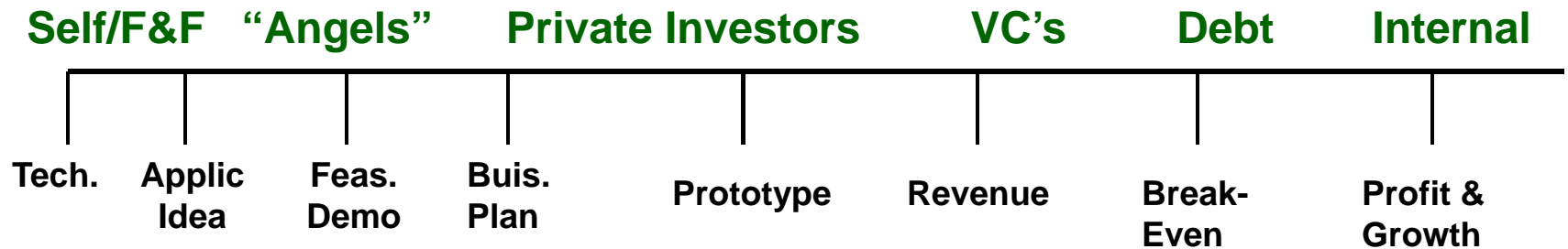
# Tech-Based Ventures Survival Probability



# Venture Funding Sources



## Typical Funding Sources

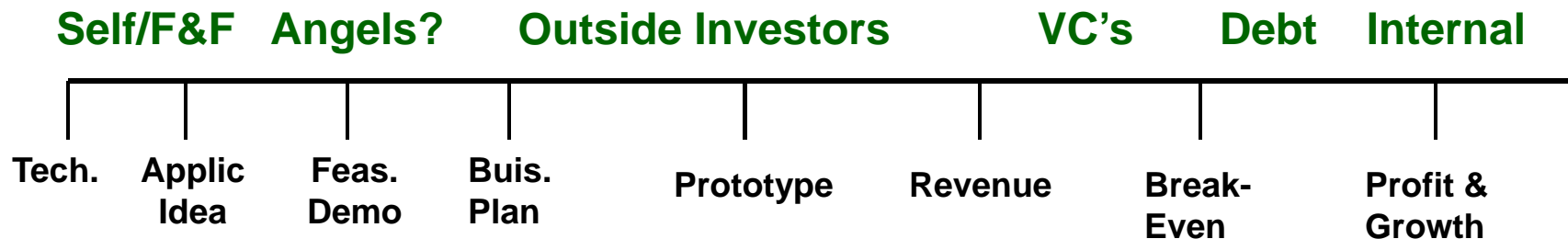


# Where the Texas Emerging Technology Fund 'Fits'



## ETF Commercialization Investments

### ETF “Pre-Seed” Investments



# The ETF Funding Model



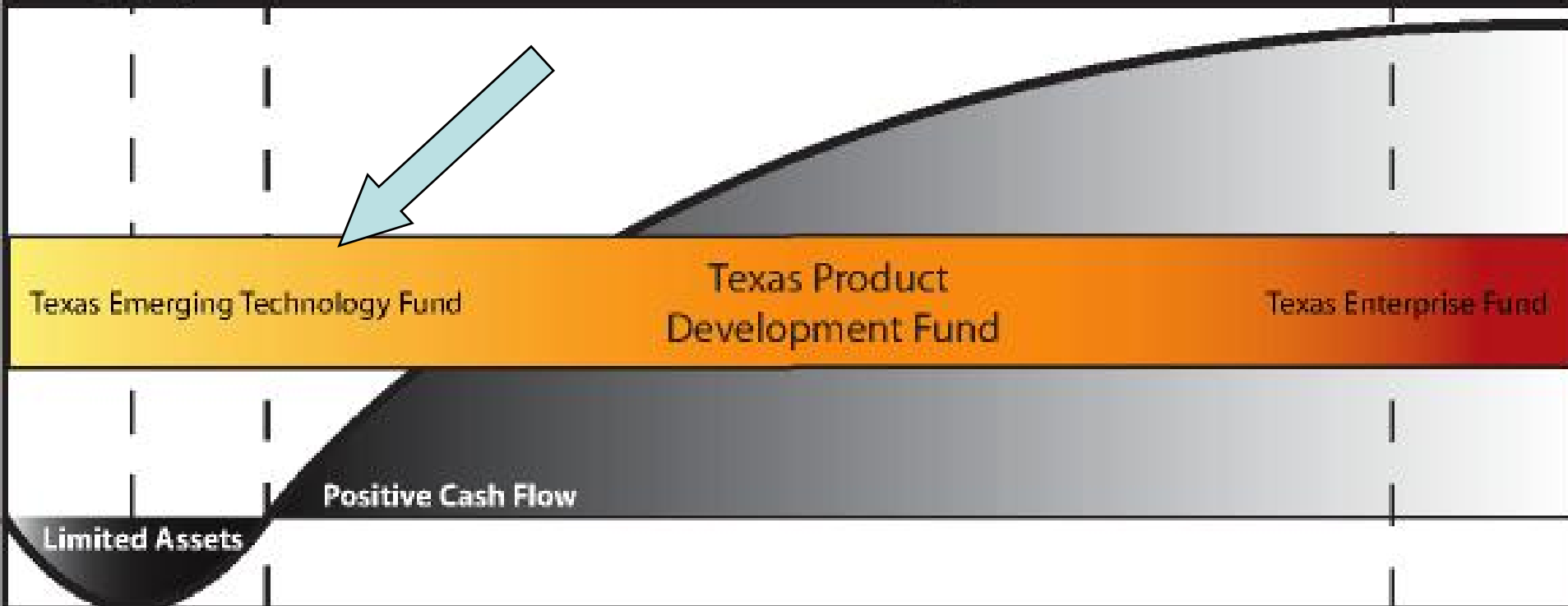
## The Capital Lifecycle

This graph represents Texas Capital Incentives within a typical product lifecycle

*Early Stage*

*Growth Stage*

*Mature*



# N. TX Commercialization Awards



1.	Hanson Robotics, Inc (Richardson)	\$1.50M
2.	OptiSense Networks, Inc (Bridgeport)	\$1.50M
3.	Global Contours (Rockwall)	\$ .95M
4.	Photodigm (Richardson)	\$ .75M
5.	Resonant Sensors Incorporated (Arlington)	\$ .60M
6.	PrincipleSoft (Plano)	\$ .75M
7.	SNR Labs, Inc. (Richardson)	\$ .75M
8.	Texas Piezoelectric (Dallas)	\$ .25M
9.	MicroTransponder (Dallas)	\$1.40M
10.	Net Watch Solutions (Richardson)	\$ .50M
11.	DentLight (Richardson)	\$ .25M
12.	Codekko (Dallas)	\$1.50M
13.	EQMA (Waco)	<u>\$ .25M</u>
	<b>Total:</b>	<b>\$10.9M</b>



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For additional and current information,  
forms, FAQ's, etc:

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