

MINUTES OF VIRTUAL MEETING
DANIA BEACH COMMUNITY REDEVELOPMENT AGENCY
TUESDAY, DECEMBER 8, 2020 – 5:30 P.M.

1. Call to Order/Roll Call

Chair James called the meeting to order at 5:30 p.m.

Present:

Chair:	Tamara James
Vice-Chair:	Marco A. Salvino, Sr.
Board Members:	Joyce L. Davis
	Lori Lewellen
	Lauren Odman
Executive Director:	K. Michael Chen
City Attorney:	Thomas Ansbro
CRA Secretary:	Thomas Schneider

2. Citizen Comments

There were no comments at this meeting.

3. Administrative Reports

3.1 Administrative Report

Director Chen reviewed the information included in the agenda packet. He noted the Tamara James Foundation Thanksgiving food giveaway at the PATCH operated very efficiently, and addressed signage issues raised at the last CRA Board meeting.

4. Presentations

4.1 Commendation Award to Mr. Leon Carroll, Lead Coordinator, Farm and Market, Dania Beach PATCH

Chair James presented a commendation award to Mr. Carroll for his service to the Dania Beach CRA and to the PATCH.

4.2 Presentation by Dr. J. Christopher Ford, Mission-to-Market Manager

Director Chen introduced Dr. Ford, who provided a brief background of himself and the Mission-to-Market concept. He reviewed a PowerPoint presentation, previously provided to the Board, which is attached to and incorporated into these minutes.

Director Chen noted this is a program that is designed for effective and working collaborations, which he has a lot of experience doing. This is a great opportunity for serving education and new start-up businesses in Dania Beach.

Board Member Davis questioned the recruitment of entrepreneurial candidates.

Dr. Ford explained recruitment is through their website. He noted a technical background is not necessarily required, and he reviewed their recruitment process.

Director Chen added the goal is to develop a steady stream of candidates and applicants for this program.

5. Consent Agenda

5.1 Minutes:

Approve Minutes of November 10, 2020 CRA Board Virtual Meeting

5.2 Travel Requests: None

Board Member Odman motioned to approve the Consent Agenda; seconded by Board Member Lewellen. The motion carried unanimously.

6. Proposals and Bids

There were no proposals on this agenda.

7. Discussion and Possible Action

7.1 RESOLUTION NO. 2020-CRA-018

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE COMMUNITY REDEVELOPMENT AGENCY ("CRA") OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING EXECUTION OF A MEMORANDUM OF UNDERSTANDING ("MOU") BETWEEN THE CRA AND FLORIDA INTERNATIONAL UNIVERSITY BOARD OF TRUSTEES ("FIU") TO EXPLORE THE ESTABLISHMENT OF A MISSION-TO-MARKET ("M2M") INNOVATION CENTER; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

City Attorney Ansbro read the title of Resolution #2020-CRA-018.

Director Chen explained the MOU and the significance of establishing a Mission-to-Market Innovation Center. The MOU at this stage would be comparable to a handshake in order to begin the process.

Board Member Odman motioned to adopt Resolution #2020-CRA-018; seconded by Board Member Lewellen. The motion carried on the following 5-0 Roll Call vote:

Board Member Davis	Yes	Vice-Chair Salvino	Yes
Board Member Lewellen	Yes	Chair James	Yes
Board Member Odman	Yes		

7.2 Collaboration between the City of Dania Beach and the Dania Beach Community Redevelopment Agency - Chair James

Chair James noted she had conversations with the CRA Director, City Manager and City Attorney regarding whether there would be any issues if the Mission-to-Market program would go outside of the CRA area.

City Attorney Ansbro confirmed it would be permissible for the CRA Director to work outside of the CRA area with this program. He will work closely with Director Chen to address any issues that may arise.

8. Board Member Comments

Board Member Davis felt the M2M program is a very worthy program and appreciated that it was brought forward.

Vice-Chair Salvino noted Director Chen is a breath of fresh air and he is excited to work with him.

Chair James welcomed the new Board Members and Director Chen. The Tamara James Foundation was able to give away over 500 turkeys at the Thanksgiving food giveaway and she thanked everyone involved with the event.

9. Information Items

There were no items on this agenda.

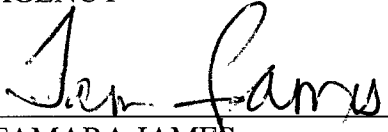
10. Adjournment

Chair James adjourned the meeting at 6:14 p.m.

ATTEST:


THOMAS SCHNEIDER, CMC
CRA SECRETARY

COMMUNITY REDEVELOPMENT
AGENCY


TAMARA JAMES
CHAIR – CRA

Approved: January 12, 2021



DID NOT
SPEAK



**REQUEST TO ADDRESS
CITY OF DANIA BEACH
COMMUNITY REDEVELOPMENT AGENCY
REGULAR OR SPECIAL
VIRTUAL MEETINGS**

The Community Redevelopment Agency (CRA) is required by state law to keep minutes of CRA Board meetings. To properly identify persons who address the CRA in those minutes, the CRA requests that this form be completed and provided to the CRA Secretary, before the meeting begins.

DATE OF CRA BOARD MEETING: December 08, 2020

PRINT NAME: Steven Locke

ADDRESS: 1852 Washington st apt1, Hollywood, FL 33020

PHONE NO. (Optional): 754 248 4596

PLEASE CHECK ONE OR BOTH OF THE ITEMS BELOW:

1) ✓ **CITIZEN COMMENTS:**

Comments by Dania Beach citizens or interested parties that are not part of the regular printed agenda may be made during each CRA Board meeting during the period set aside for "Citizen Comments." Each speaker shall be limited to 3 minutes for his or her comments. Persons desiring to speak during the citizen comment period shall inform the CRA Secretary immediately prior to the beginning of the meeting of their intention to speak.

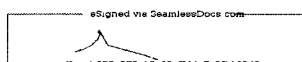
PLEASE BRIEFLY DESCRIBE THE SUBJECT MATTER OF YOUR COMMENT:

Reopening the dania Beach bar and grill

2) **AGENDA ITEM #** **(AS PRINTED ON AGENDA)**

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE WITH REGARD TO ANY MATTER CONSIDERED AT THIS MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDING, AND FOR SUCH PURPOSE MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDING IS MADE WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

LOBBYIST REGISTRATION IS REQUIRED. PRIOR TO ENGAGING IN ANY LOBBYING ACTIVITIES, WHETHER OR NOT COMPENSATION IS PAID OR RECEIVED IN CONNECTION WITH THOSE ACTIVITIES, EACH LOBBYIST SHALL FILE WITH THE CITY CLERK AN ANNUAL REGISTRATION STATEMENT AND PAY AN ANNUAL ONE HUNDRED DOLLARS (\$100.00) REGISTRATION FEE FOR EACH PRINCIPAL OR EMPLOYER. REGISTRATION FORMS ARE AVAILABLE ON THE CITY WEBSITE: WWW.DANIABEACHFL.GOV. (ORDINANCE #2012-019)



12/08/2020

M2M

MISSION TO MARKET

LifeSciences
SOUTH FLORIDA
technology • talent • research



SIGN UP: <https://tinyurl.com/M2MInc2021>

**GROWING SOUTH FLORIDA'S INNOVATION
ECONOMY AND BEYOND**

<https://youtu.be/3j9tW7DlxSY>

DOE
Intellectual
Property

M2M
Incubator
Programs

M2M
Tech Fest

M2M
Tech Venture
Courses

M2M
SBIR/STTR &
CRADA
Program

FOR MORE INFO:
J. Chris Ford, PhD
jaford@fiu.edu
<https://M2M.FIU.edu>

StartUP **FIU**



U.S. DEPARTMENT OF
ENERGY

M2M

MISSION TO MARKET

FIU

Applied Research
Center

M2M MISSION STATEMENT

The M2M initiative seeks to tap the trillions of dollars of underutilized patented technologies developed by **U.S. Department of Energy and Labs**, other Federal Agencies, and universities, and industry in order to foster economic development in South Florida and beyond. Modeled after insights gained from the Military-Industrial complex during the Cold War era, Silicon Valley, and inclusive economic development strategies, the **mission of FIU's M2M Initiative is to inclusively grow South Florida's innovation economy and beyond.**

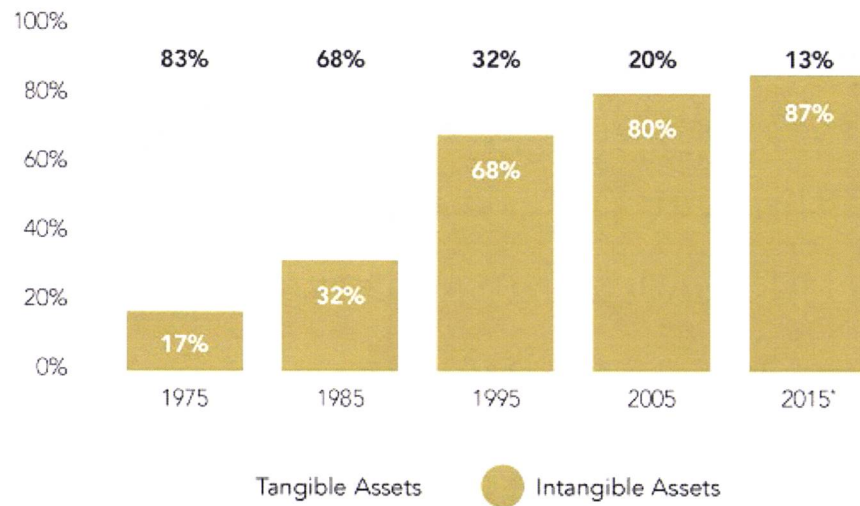
M2M MISSION AREAS

The M2M Initiative has four goal areas:

- 1) Science, Technology, Engineering, and Mathematics (STEM) Entrepreneurial Workforce Development;
- 2) Innovation Ecosystem Development;
- 3) Business Incubator and Accelerator Network; and
- 4) Technology Transfer & Commercialization.

M2M TAPS INTO THE VALUE OF PATENTS

COMPONENTS of S&P 500 MARKET VALUE



SOURCE: OCEAN TOMO, LLC

The M2M strategy to focus on DOE patents and underserved communities address issues related to tech entrepreneurship rate, access to capital, and economic disparities in minority communities.

S&P 500 has **\$19 trillion** in **Intangible Assets (2019):**

- **Patents and Know-how (\$12 trillion)**
- Trademarks and Copyrights (\$7 trillion)

Intangible Value of Unutilized US patent: \$1.8 Trillion

Patents and Know-how: Firms can increase intangible value via technology transfer (inbound and outbound) and **Know-how** by improving commercialization skills i.e. through business incubators, accelerators, courses, and partnerships.

Department of Energy National Laboratories



U.S. DEPARTMENT OF ENERGY SCIENCE AND TECHNOLOGY DEVELOPMENT SYSTEM



National Labs

- 17 National Labs
- User Facilities to advance public and private inventions and innovations.

Workforce

- 30,000+ Scientists and Engineers
- 90,000+ Federal and Contractor Employees

Science and Tech

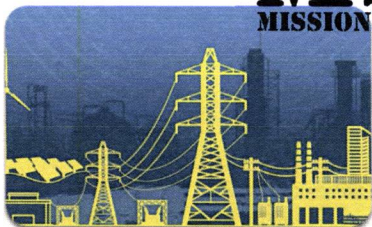
- 20,000+ patented technologies unlicensed
- Covers Energy, Cyber/Data Sci, Bio Tech, Engineering, Materials, Manufacturing, and more

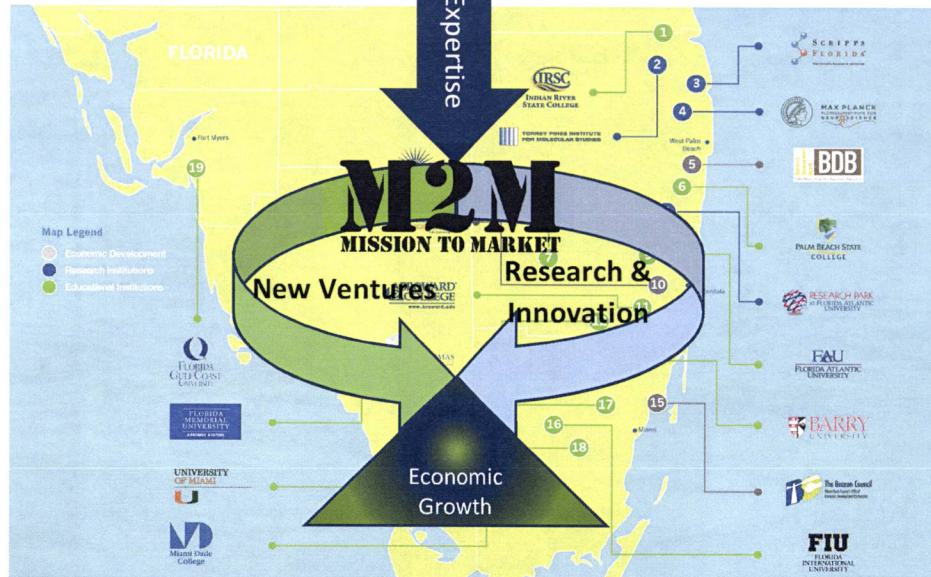
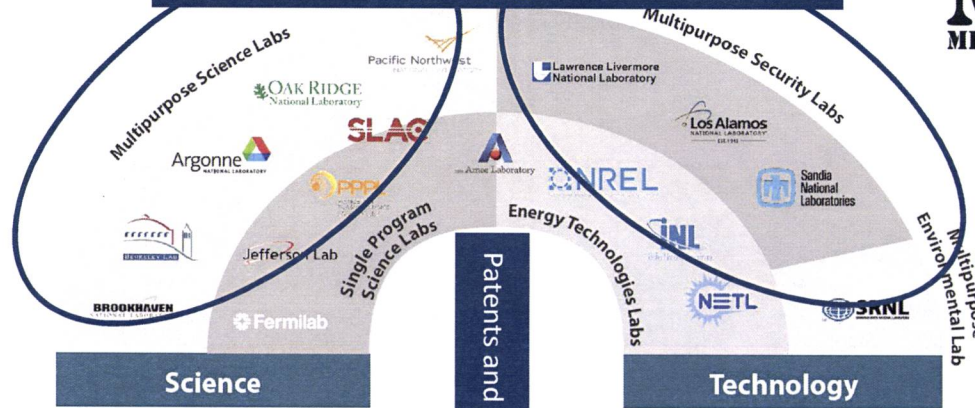
M2M

- Technology Transfer Program
- Business Incubator Program and Network
- SBIR/STTR and CRADA Program

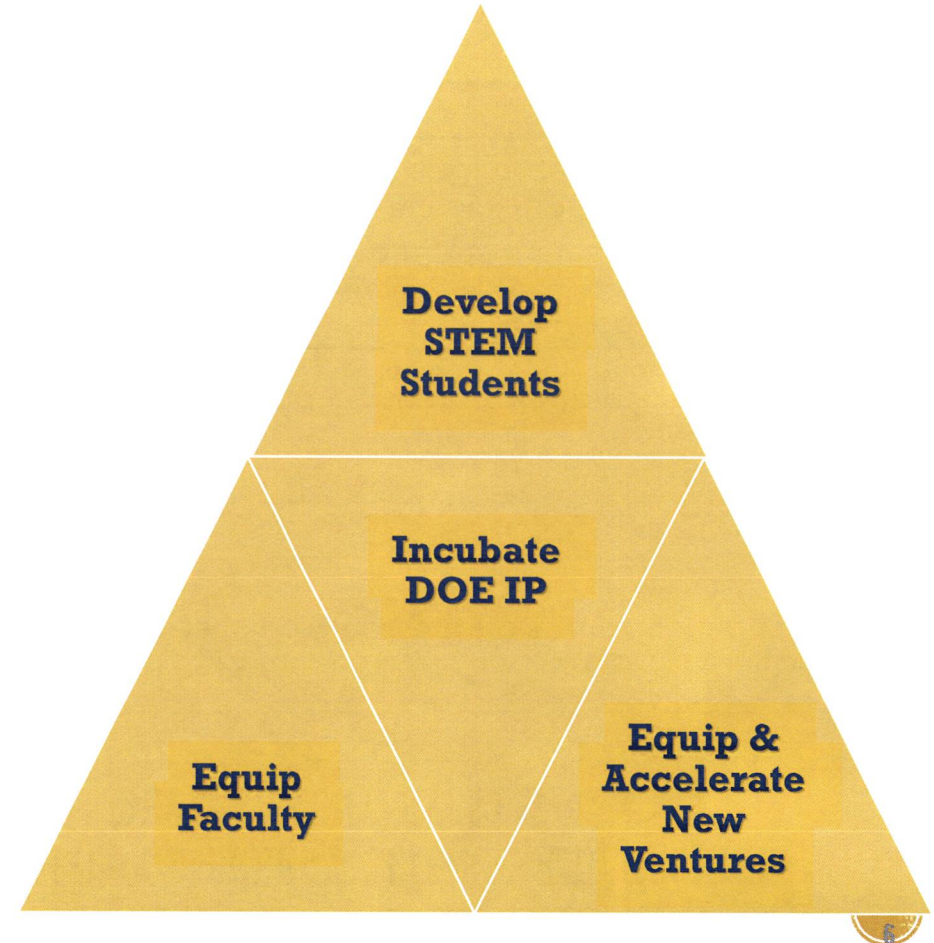
LifeSciences
SOUTH FLORIDA
technology • talent • research

M2M
MISSION TO MARKET





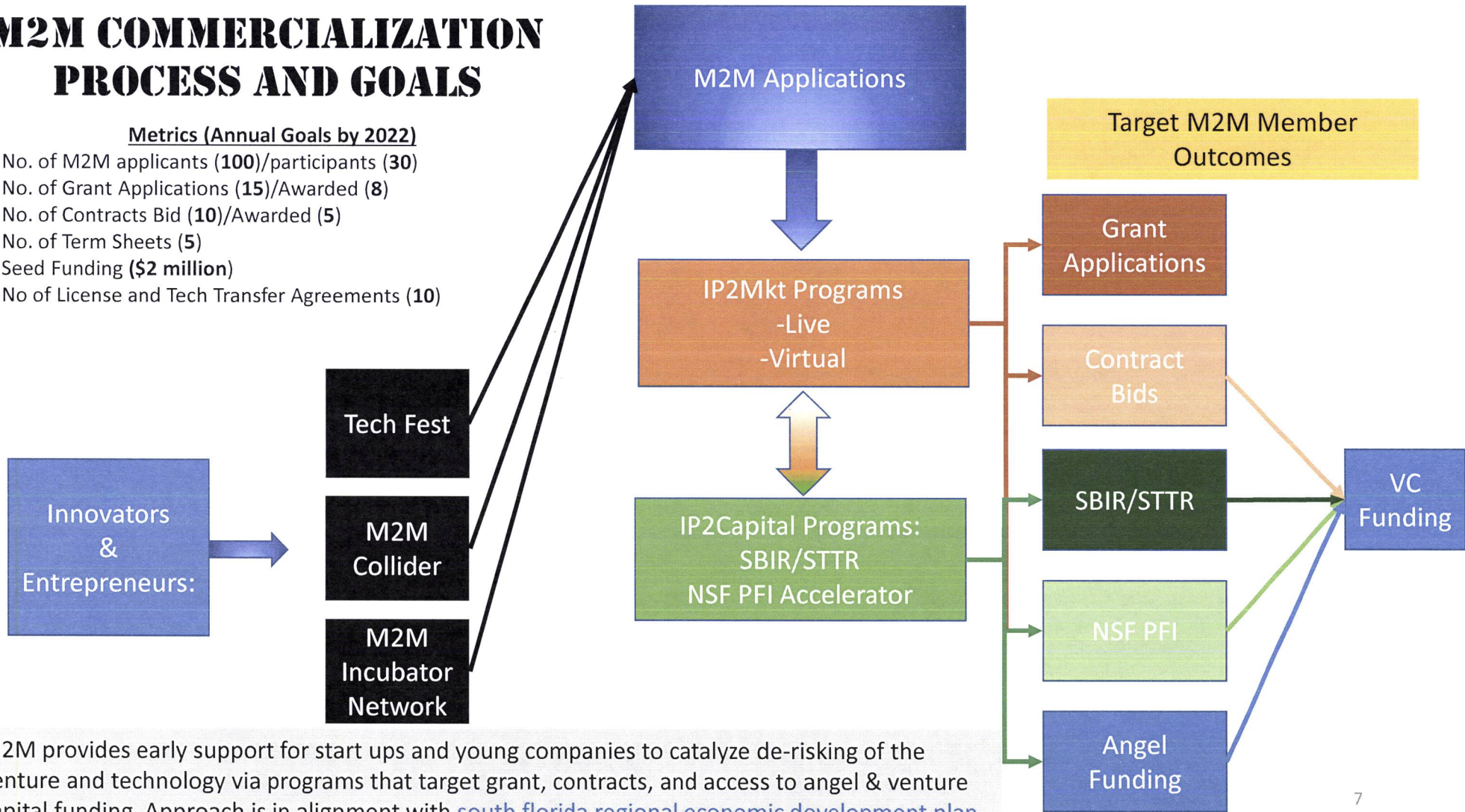
M2M APPROACH



M2M COMMERCIALIZATION PROCESS AND GOALS

Metrics (Annual Goals by 2022)

- No. of M2M applicants (**100**)/participants (**30**)
- No. of Grant Applications (**15**)/Awarded (**8**)
- No. of Contracts Bid (**10**)/Awarded (**5**)
- No. of Term Sheets (**5**)
- Seed Funding (**\$2 million**)
- No of License and Tech Transfer Agreements (**10**)



TECHNOLOGY AND INDUSTRY FOCUS AREAS (CURATED PATENT PORTFOLIOS)



Life
Sciences

595 patents



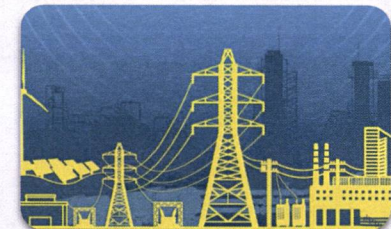
Data
Science &
Cyber
Security

430 patents



Aerospace
& Defense
Robotics

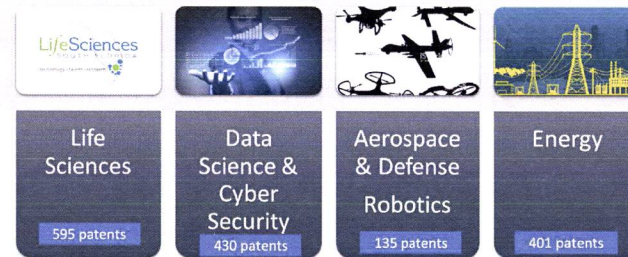
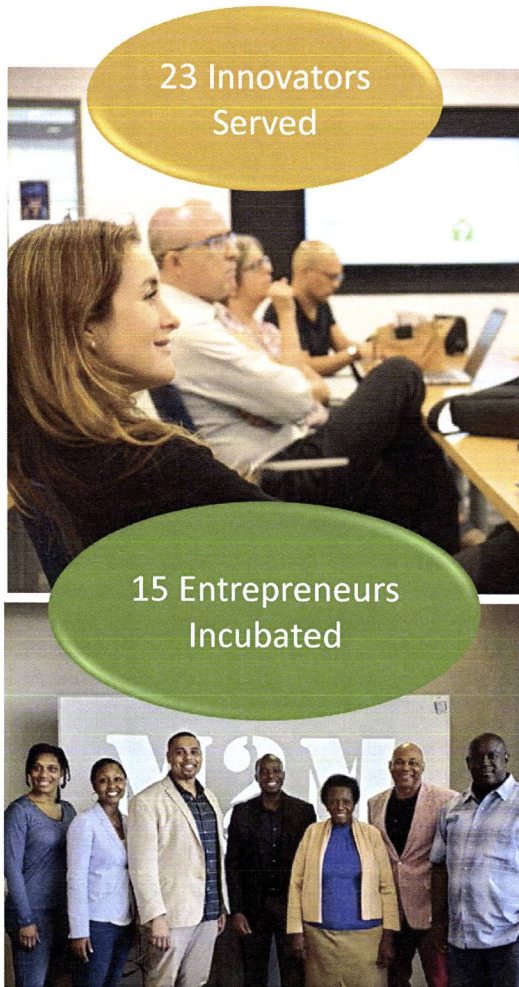
135 patents



Energy

401 patents

RESULTS (24 MONTHS)

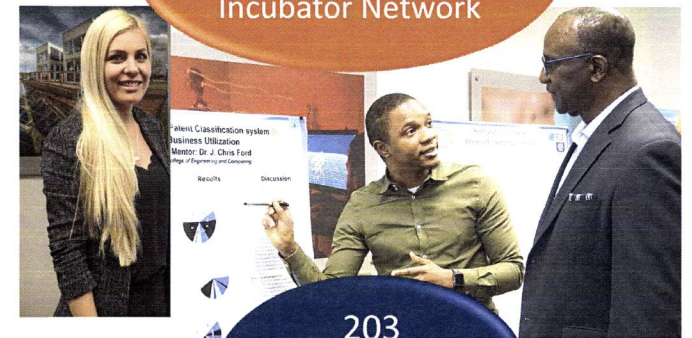


1560 DOE patents curated

- M2M Business Incubator and Accelerator Network created with application process.
- 95% diverse entrepreneur and innovator participants.
- \$2.5 million in revenue generated by incubated companies within 12 months.
- 10 jobs created or retained
- 2 License Agreements
- Tech Fest
- Virtual Incubator and Venture Capital Readiness Program Pilot planned for 2021



2 Partnerships for Regional Business Incubator Network



203 Students Trained

M2M DEVELOPMENT PLAN



Tech Transfer:

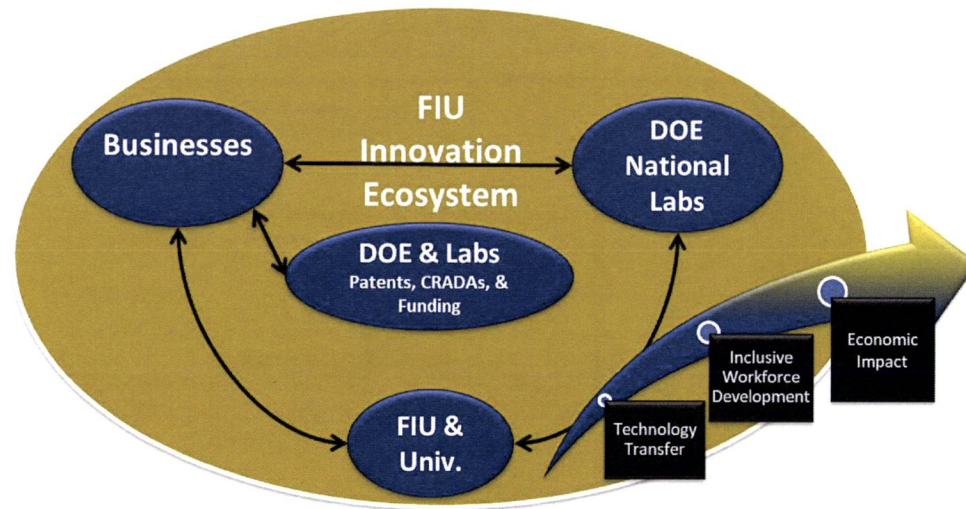
- Intellectual Property Agreements with DOE Labs
- Technical-economic risk reduction.
- Inclusive Acceleration Programs with FIU and businesses

Inclusive Workforce Development:

- Leverage FIU Institutional Capacity & Expertise
- Cultivate Technical and Entrepreneurial Talent for innovation economy

Economic Impact:

- Inclusive development of small and medium sized businesses.
- Job creation from FIU-DOE innovation ecosystem
- South Florida Impact
- Minority Communities including Opportunity Zones



By 2023, the M2M is on target to be sustainable via grants and applied research contracts, investment activities, and royalties from intellectual property activities.

M2M INNOVATION CENTER



Concept of a M2M Innovation Center to support the South Florida Innovation Ecosystem and high technology entrepreneurship.

HOW CAN WE PARTNER?

- Leveraging FIU's expertise in Applied R&D, venture incubation, and DOE Lab complex, industry and investors can partner with **M2M** on:
 - Patent identification for Licensing;
 - Patent Monetization and Commercialization planning;
 - Incubator and Accelerator programs;
 - Advisory and Gap Fund Development;
 - Developing successful grant and contract proposals;
 - Innovation and Entrepreneur Center; and
 - STEM entrepreneurial workforce development (internships programs & courses)

<https://m2m.fiu.edu>

J. Chris Ford, Ph.D., M2M Manager

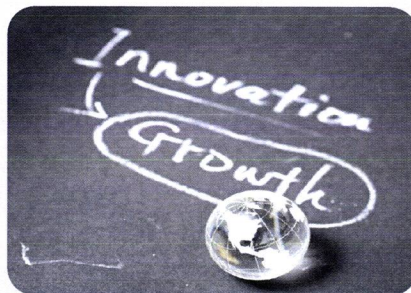
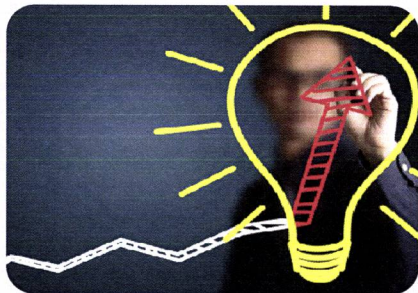
jaford@fiu.edu

305-348-3589 (office)

404-431-4102 (cell)



PARTNERSHIP OPPORTUNITIES



M2M Business Accelerator

- Sponsorship
- Patent Identification
- Provide Industry Challenges
- Invest Expertise
- Co-develop new ventures
- Incubate Talent

M2M Technology Venture Course

- Patent Identification
- Sponsor teams
- Deploy innovations
- Develop new products
- Incubate Talent

M2M Advisory Board

- Sponsor Gap Fund
- Advise on DOE IP selection
- Patent Monetization
- Advise teams in Business accelerator

M2M Cooperative Research & Development

- Sponsor new research thrusts
- Partner on funding opportunities
- Partner with DOE
- Source new innovations
- Incubate talent



Benefit	M2M Tech Venture Course	M2M Business Accelerator	M2M Advisory Board	M2M Cooperative R&D
Recruitment of FIU students	✓	✓	✗	✓
Talent Development	✓	✓	✗	✓
Solve Technical Problems	✓	✓	✗	✓
Solve Business Problems	✓	✓	✗	✓
New Technology Exploration	✓	✓	✓	✓
Incubate Innovative DOE Technologies	✓	✓	✓	✓
R&D Partnership Opportunities	✓	✓	✓	✓

