

Supporting Technology Deployment with Economically & Environmentally Sound Policy

Discovery to Deployment



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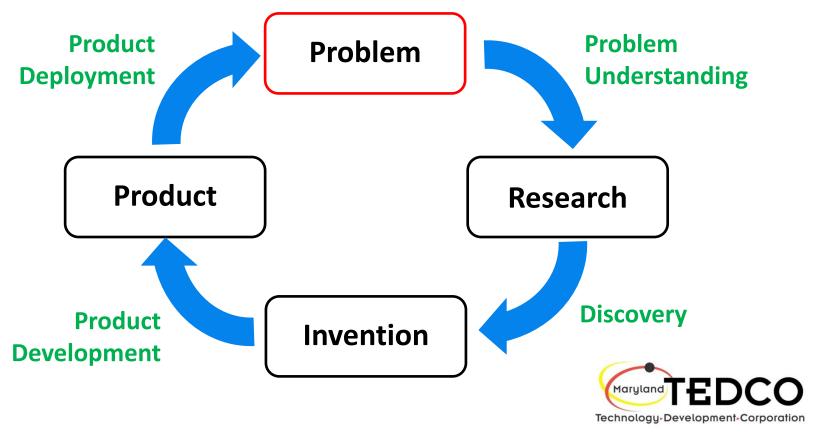






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The Process







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Problem to Research



- Communication dilemma
- Industry Research Drivers
 - Commercial opportunity
 - Large market leading to profits
- Academic Research Drivers
 - Funding availability
 - Investigator Interest





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Research to Invention

Discovery

Disclosure

Evaluation

IP Protection

Marketing

- Basic versus Applied Research
- Faculty interest in commercialization
- Publications create a bar to patenting
- Recognition of a discovery's application
- Limited patent budgets
- Challenges with finding a commercialization partner







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Invention to Product

- Completing a license agreement
- Product development time and financing
- Funding broad patent coverage
- Development risk engineering challenges
- Application risk selecting the right niche
- Quickest path to revenues, not biggest problem











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Product to Problem





- Company effectiveness at marketing
- Adoption Challenges
- Value Proposition
- Regulatory Issues New Problems?
- Product effectiveness at addressing the problem





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Beating the Odds

\$2.4 Billion Academic Research

912 Invention Disclosures

188 License Agreements

49 Products

1 Big Success



Based on AUTM Annual Licensing Survey - 2009





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Conclusion

- There are significant challenges to deploying new product solutions resulting from research discoveries in the laboratory.
- Policies created to address the greater challenges associated with the use of manure and its consequences on the Bay should consider the "Odds".

