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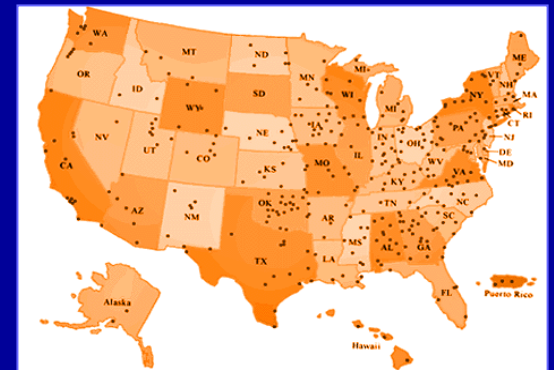
# Beyond Phase II: Opportunities via Manufacturing Strategies

August 23, 2007

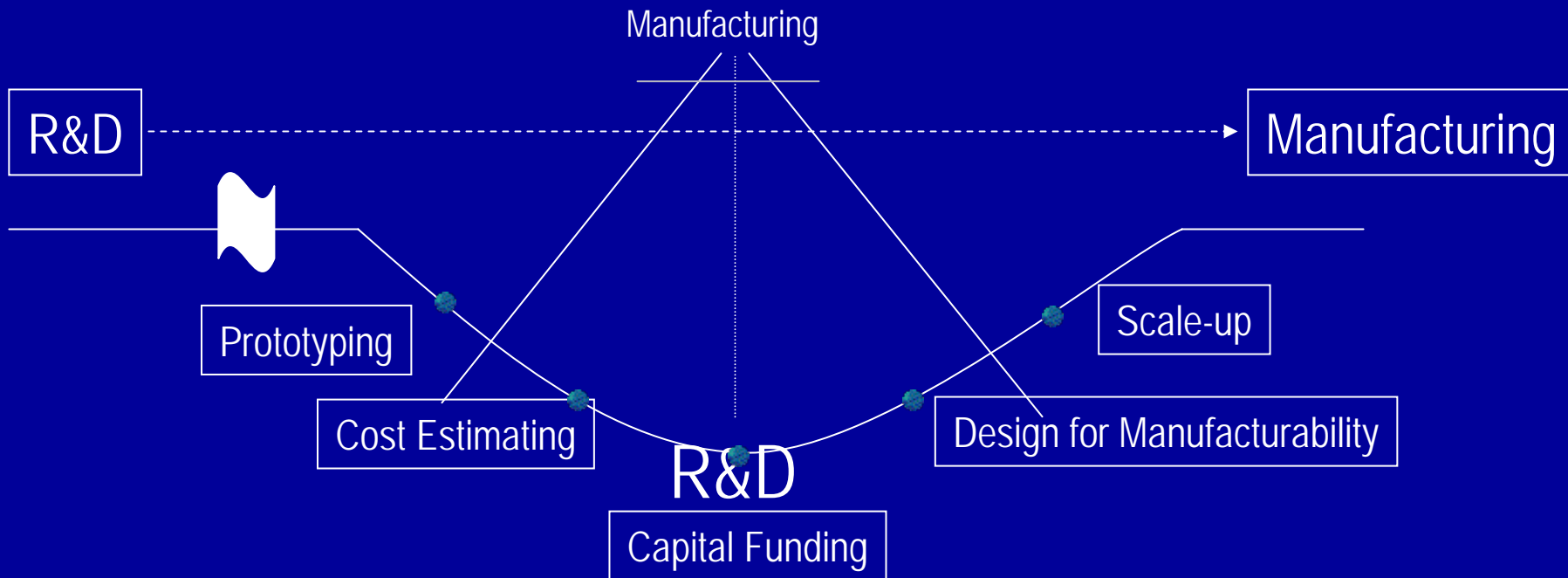


# NIST MEP & SBIR/STTR

- 1,500 field engineer staff
- Service 10% of SBIR/STTR Phase II's
- Pilot efforts w/Phase II Awardees



# The Road to Manufacturing



## Lower Costs – Faster to Use

- Up to 85% Cost Inherent in Design
  - *“Form / Function / Fit / Weight”*
- Mitigating Production Risk
  - *“Scale-up / Specs / Quality / Delivery”*

# Manufacturing Strategies

Required Investment, potential risk & skill levels

	Process "Scaling" Skills	Manufacturing Skill & Expertise	Equipment Capital Investment	Sales & Distribution
Manufacture "In-House"	High	High	High	High
Manufacture & Assemble	Med	High	Med	High
Manufacture Outsource	Low	Low	Low	High
License	Low	Low	Low	Low

# When?

- Phase II

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