

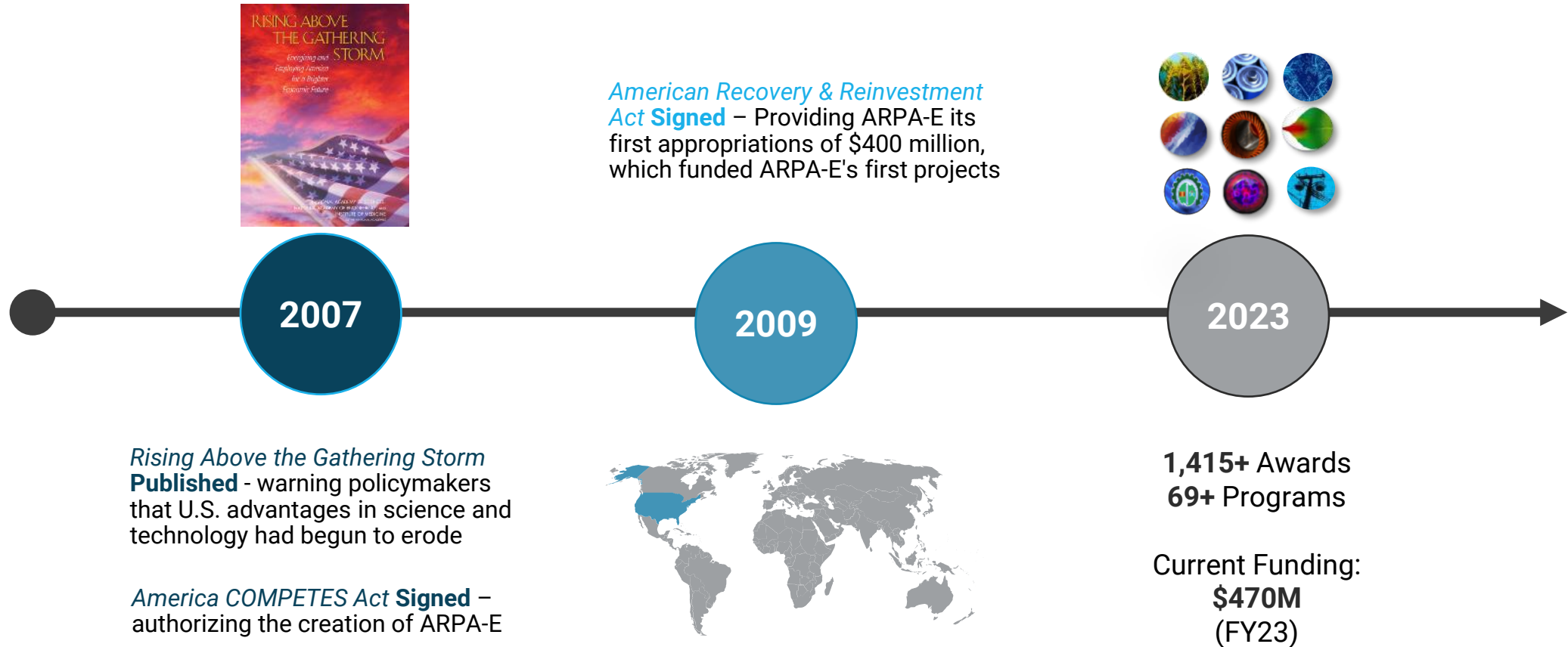
# Nuclear Heat & Power Workshop

Introduction to ARPA-E

**Dr. David Tew, Deputy Director for Technology (Acting)**

May 31, 2023

# History



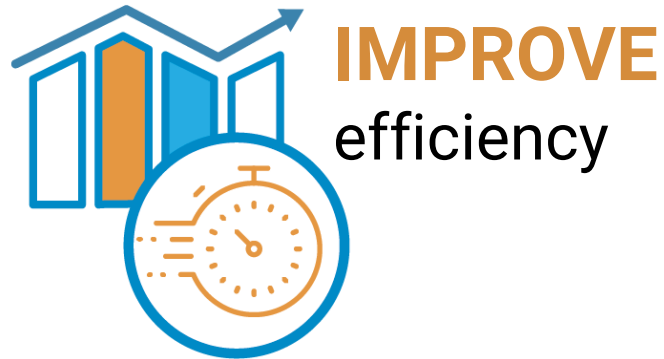
# Mission



**REDUCE**  
imports



**REDUCE**  
emissions



**IMPROVE**  
efficiency



**IMPROVE**  
radioactive waste  
management



**IMPROVE**  
energy infrastructure  
resilience

# Impact

Since 2009  
ARPA-E has  
provided

**\$3.27 billion**

in R&D funding to  
more than **1,415 projects**



**200 projects**

have attracted more than

**\$11 billion**

in private-sector follow-on funding



**131 companies**

formed by  
ARPA-E projects



**26 exits**

market valuations worth

**\$21.8 billion**

from mergers, acquisitions, and IPOs



**281 projects**

have **partnered with**  
**other government**  
**agencies**

for further development



**6,257**

peer-reviewed  
**journal articles**  
from ARPA-E  
projects



**934**  
**patents**

issued by  
U.S. Patent and  
Trademark Office



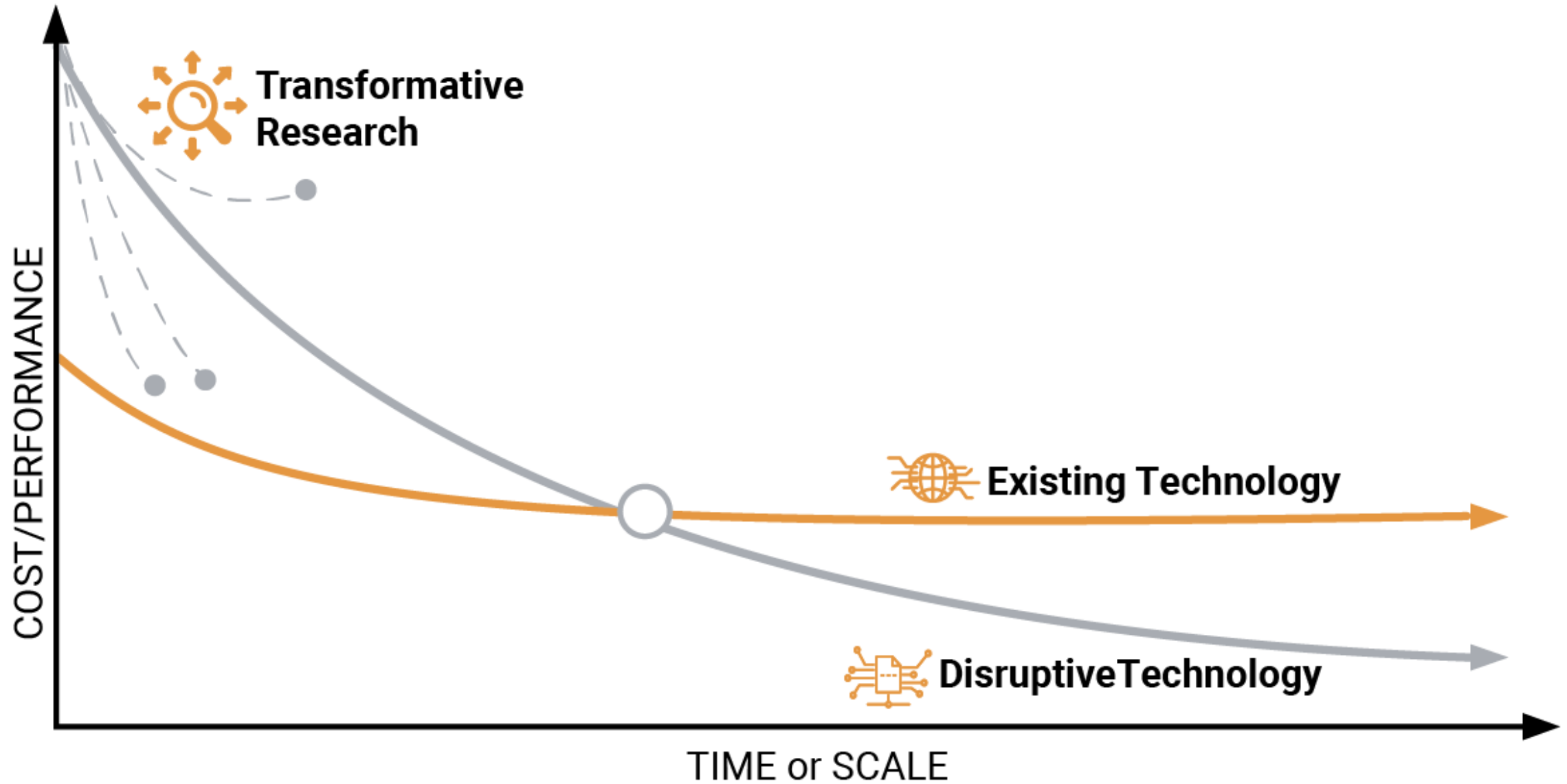
**289**  
**licenses**

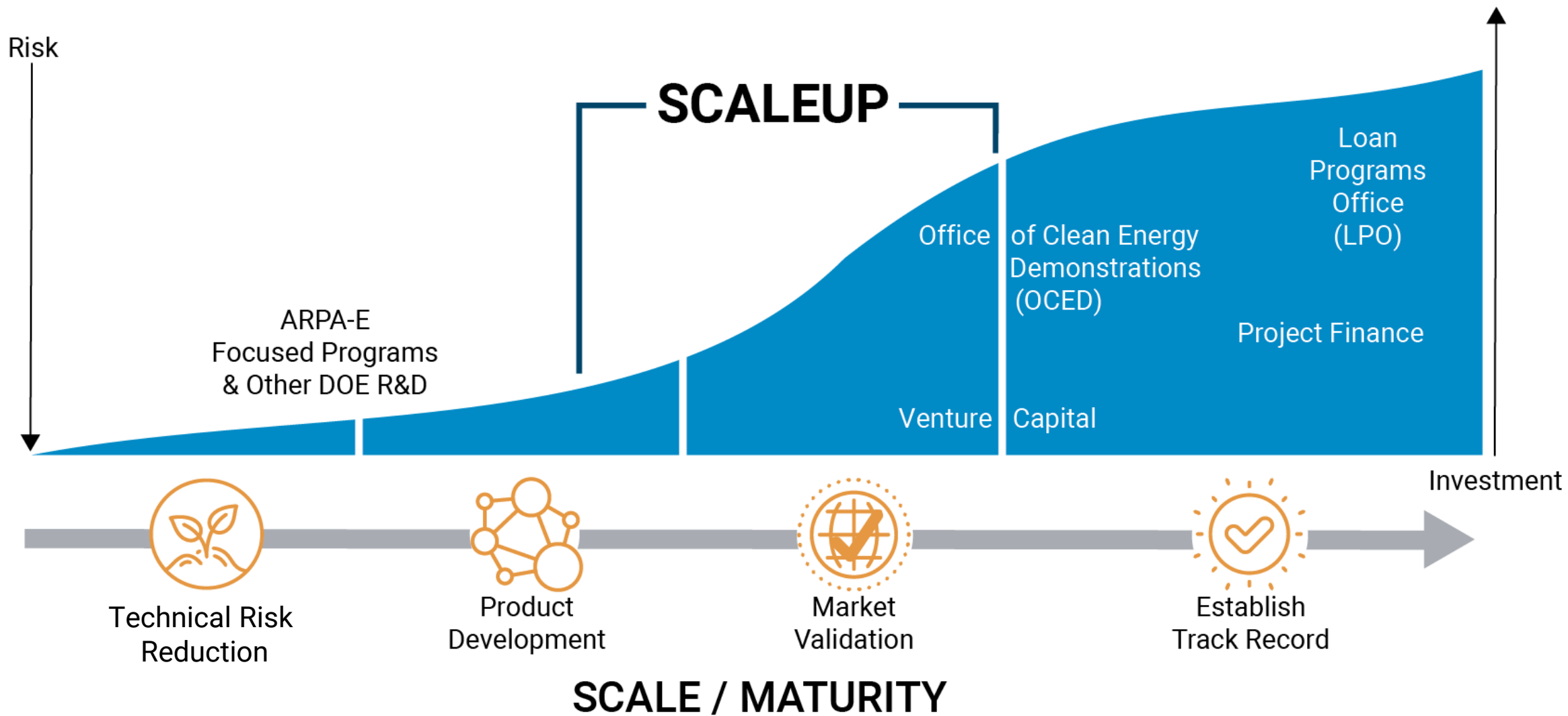
reported from  
ARPA-E projects



As of September 2022

# Technology Investment Approach







# Join the Team that is Transforming the Energy of Tomorrow



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