

ARPA-E Phytomining Workshop

Dr. Evelyn Wang, ARPA-E Director

May 30, 2023



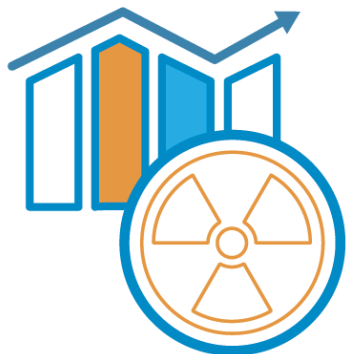
REDUCE
imports



REDUCE
emissions



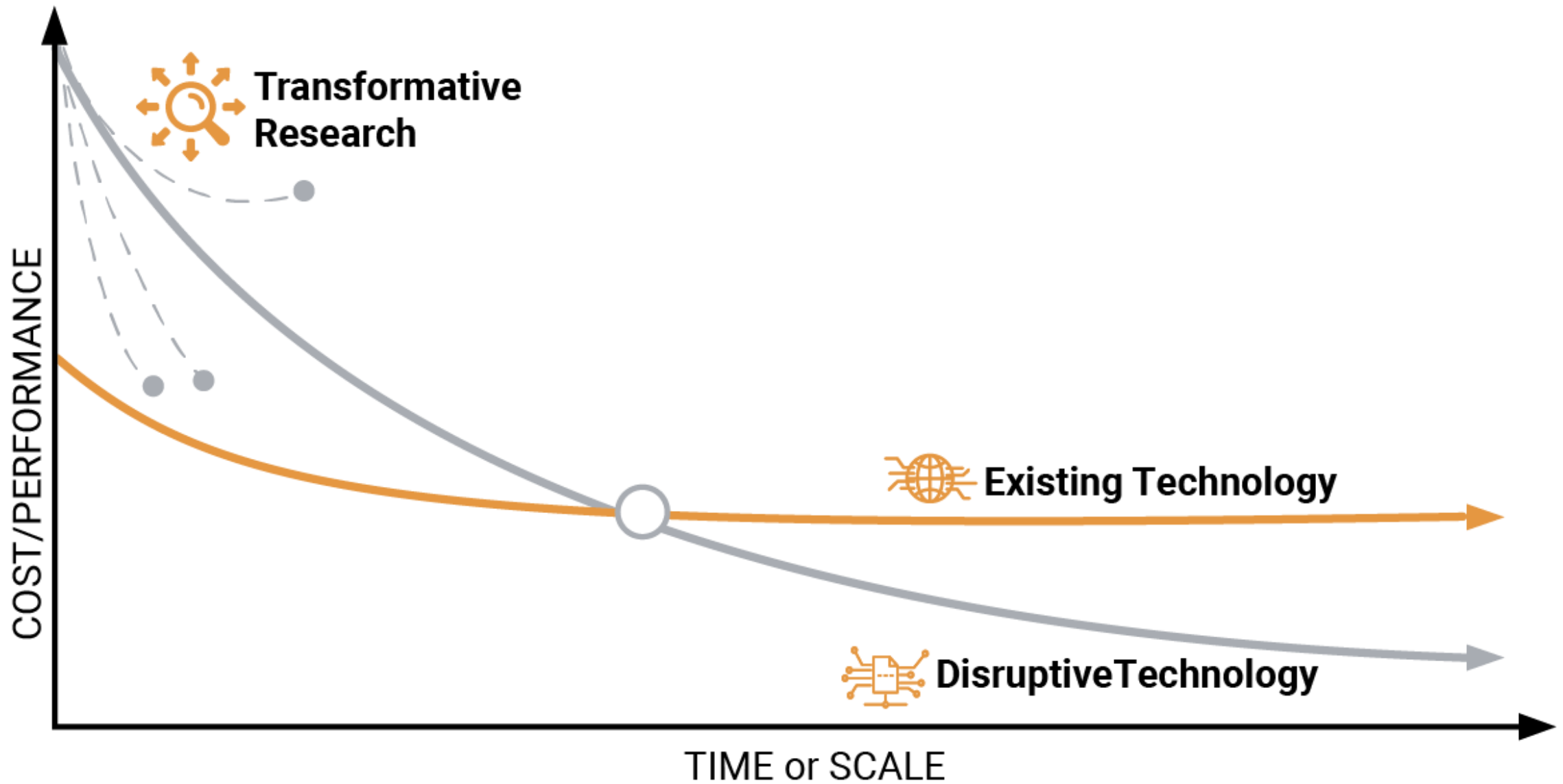
IMPROVE
efficiency

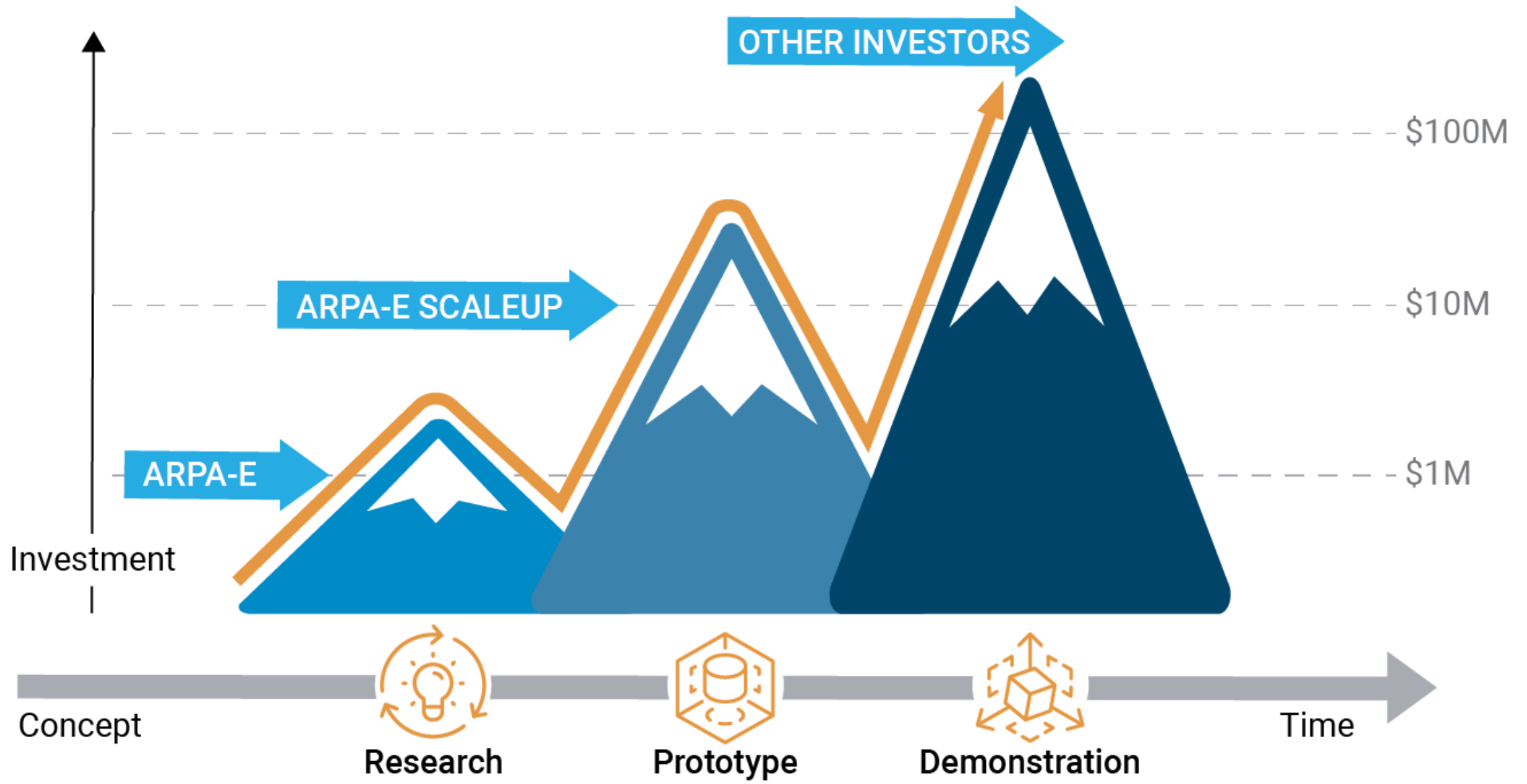


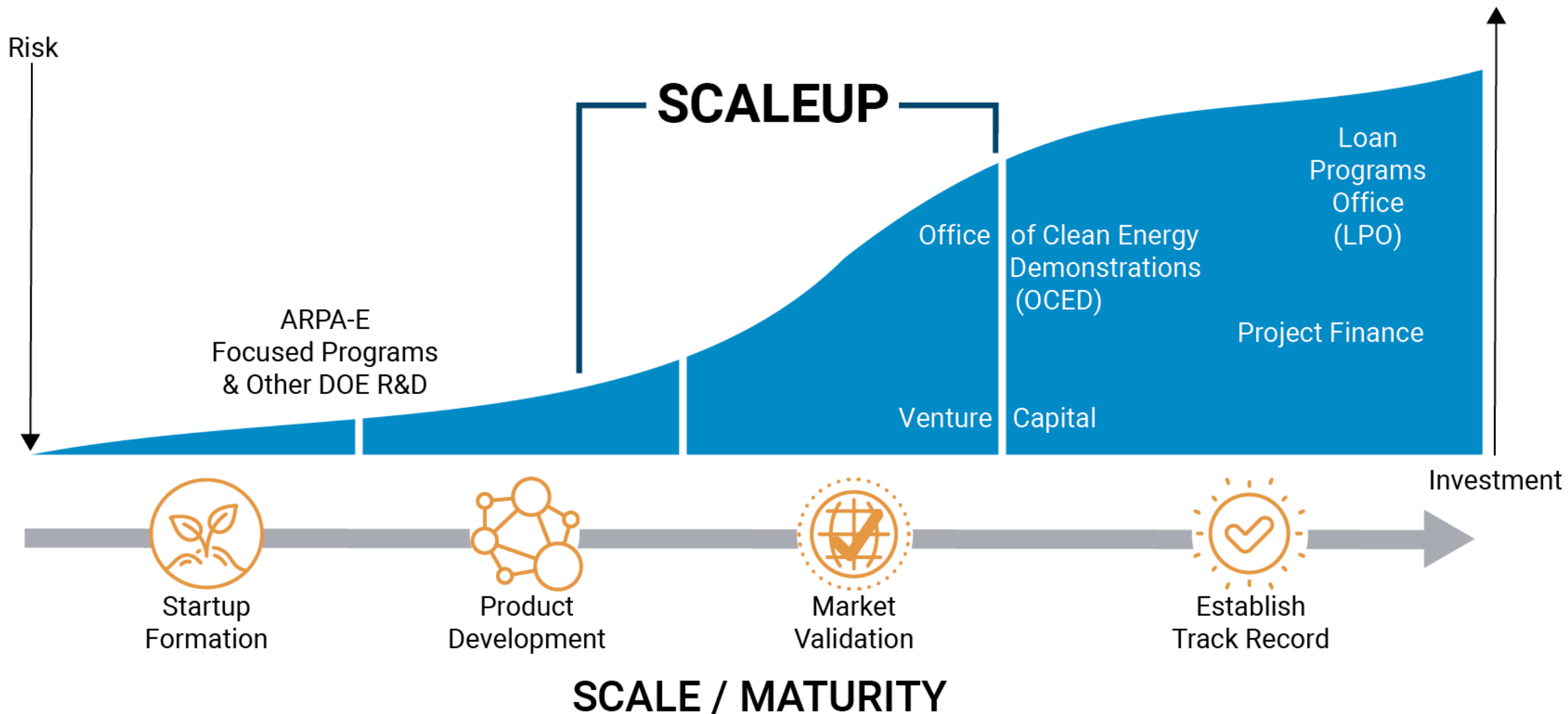
IMPROVE
radioactive waste
management



IMPROVE
energy infrastructure
resilience







ARPA-E Impact Indicators

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

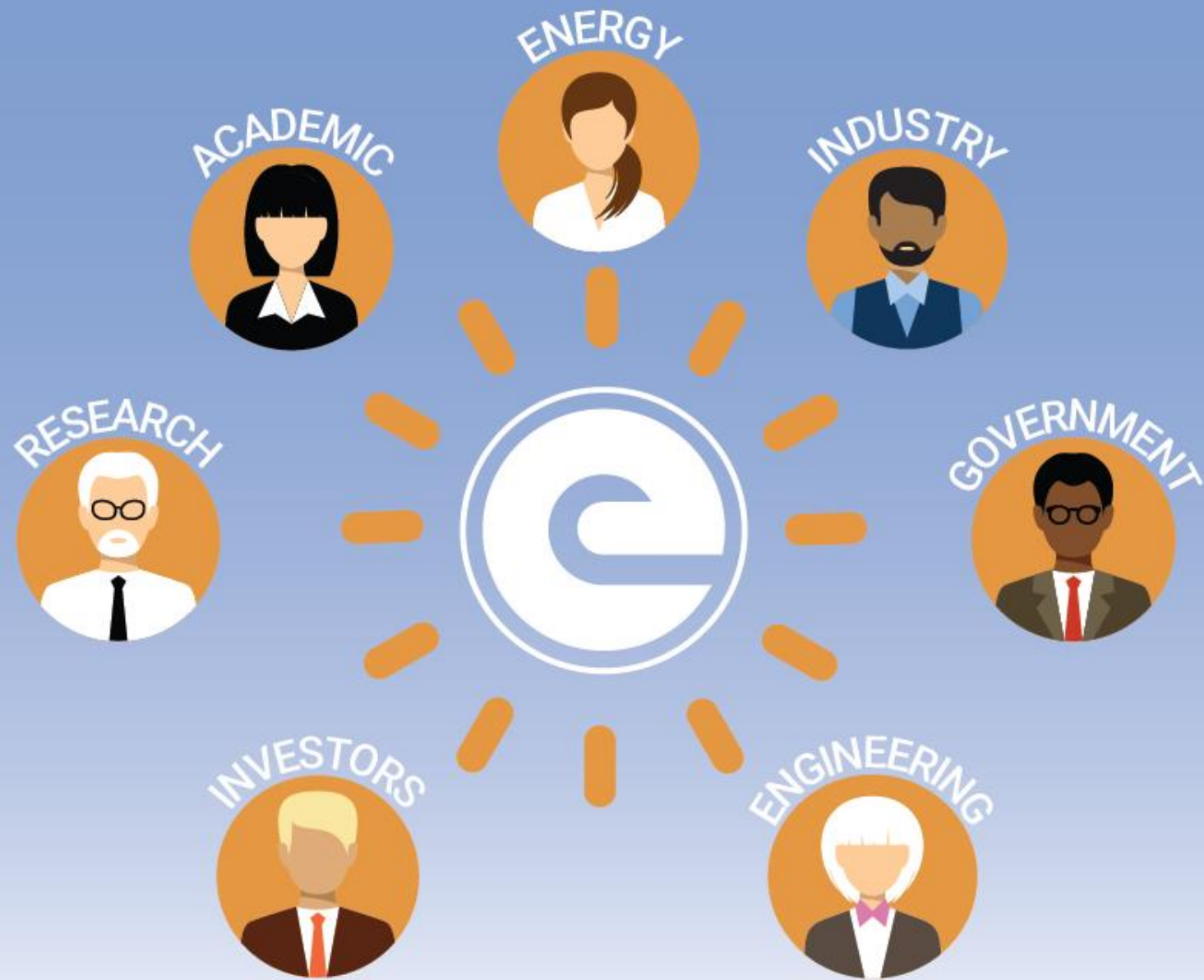


**289
licenses**

reported from
ARPA-E projects



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