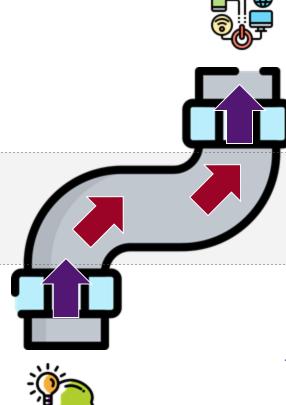
Deep-Tech Pipeline

Technology Readiness Level (TRL)

Industrial R&D [TRL 7-9]

Translational Research [TRL 4-6]

Academic Research [TRL 1-3]



Creating new utilities to benefit the industry and society

Developing useful capabilities from new knowledge

Turning ideas,
assumptions,
hypotheses into
formalized academic
research
investigation

Industrial-Translational Interface Point

Demonstrating the potential to create innovative utilities from new capabilities developed

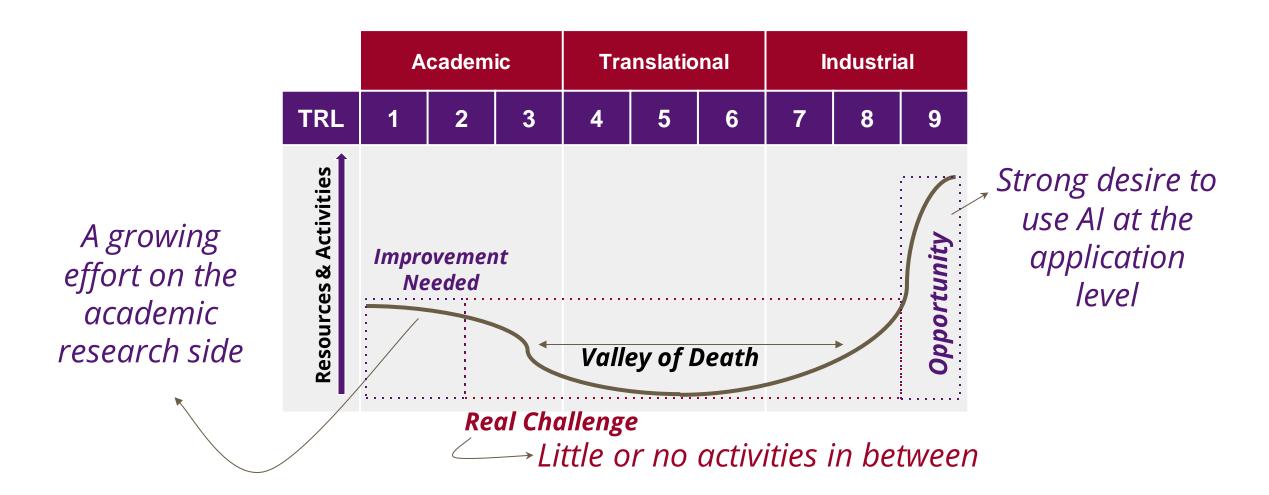
Providing capability requirements to translation research teams

Academic-Translational Interface Point

Demonstrating the potential to develop new capabilities from new knowledge developed

Providing new knowledge requirements to basic research teams

Recognizing the Challenges and Opportunity



Translational Research as Academia-Industry Linkage

University & National Labs



Academic Research

Producing reserch excellent outcomes with strong societal and industrial relevance



Translational Research

Taking new knowledge and turning it into new technology

Industry (Clients)



Creating an innovative Al application with real-world benefits



Intensive collaboration between the basic and translational research teams



Intensive technology transfer activities conducted by actual researcher teams