



CONNECTING RESEARCH & INNOVATION IN DALLAS-FORT WORTH

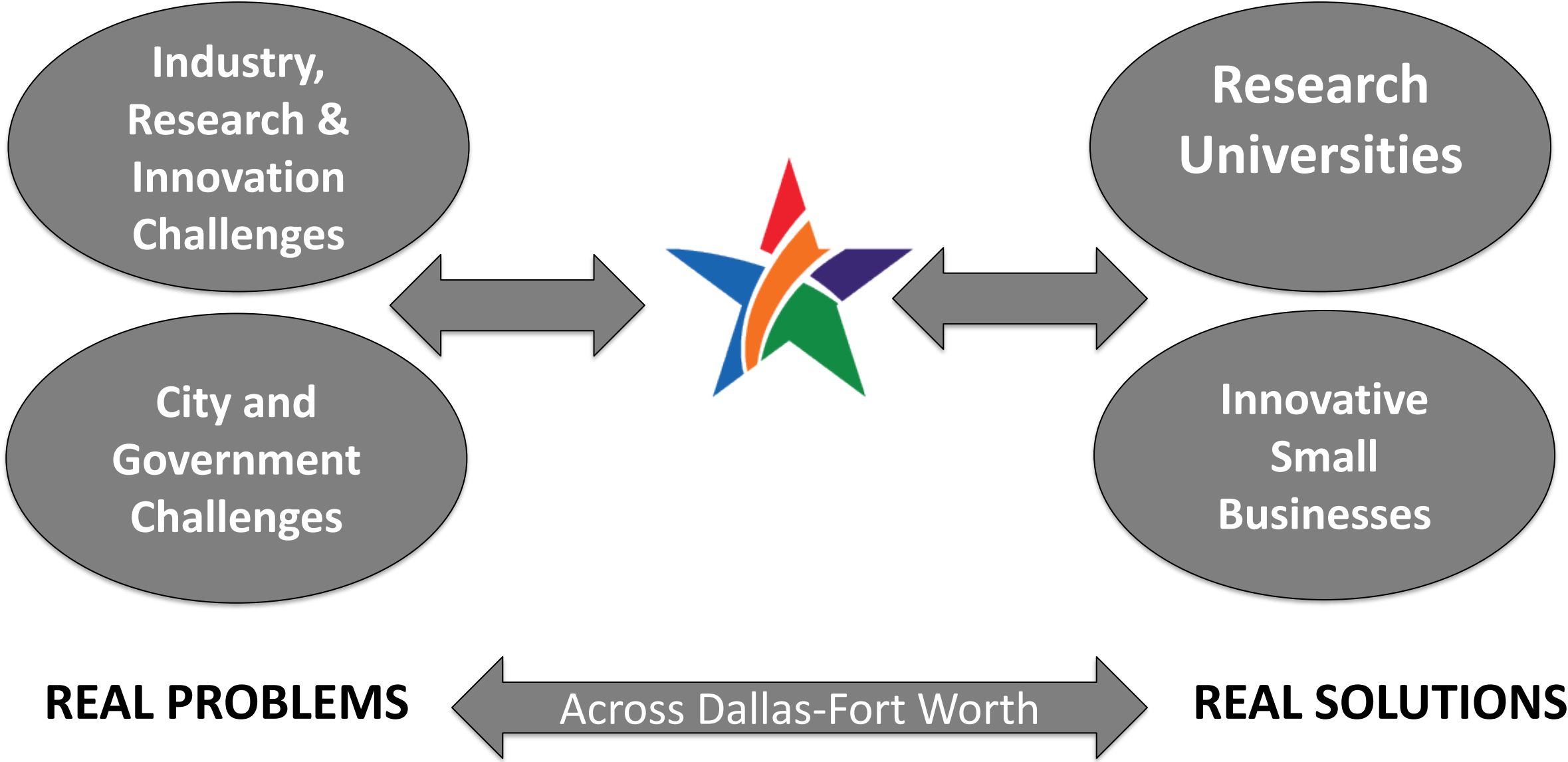
The North Texas Center for Mobility Technologies

Victor A. Fishman, Ph.D.
Executive Director

www.tradfw.org



Texas Research Alliance



ECONOMIC and ACADEMIC GROWTH and DEVELOPMENT



Texas Research Alliance (TRA)



- **Staff:** Dr. Victor Fishman, Executive Director
- **Board:** CEOs of the Dallas Regional Chamber, and the Fort Worth, Richardson, and Arlington Chambers of Commerce
- **Industries:** All industry clusters with regional impact, all challenges those industries have that can be addressed through research and innovation partnerships with our regional universities
- **Regional Universities:** UNT, UTA, UTD, SMU, TCU

TRA Activities



- Meet with existing and new companies to understand needs and share opportunities for university partnerships
- Meet with universities to understand capability and strategic growth initiatives. Points of contact include Vice Presidents for Research, Associate Deans for Research, and individual faculty
- Share federal and state proposal opportunities
- Support university proposals through industry, municipality, and public agency partnerships
- Encourage multi-university proposals, programs, and capstone projects
- Develop regional initiatives of global impact

NORTH TEXAS

CENTER FOR MOBILITY TECHNOLOGIES (NTCMT)



www.tradfw.org/ntcmt

North Texas Center for Mobility Technologies



Vision: Be the first call for mobility technology and system solutions

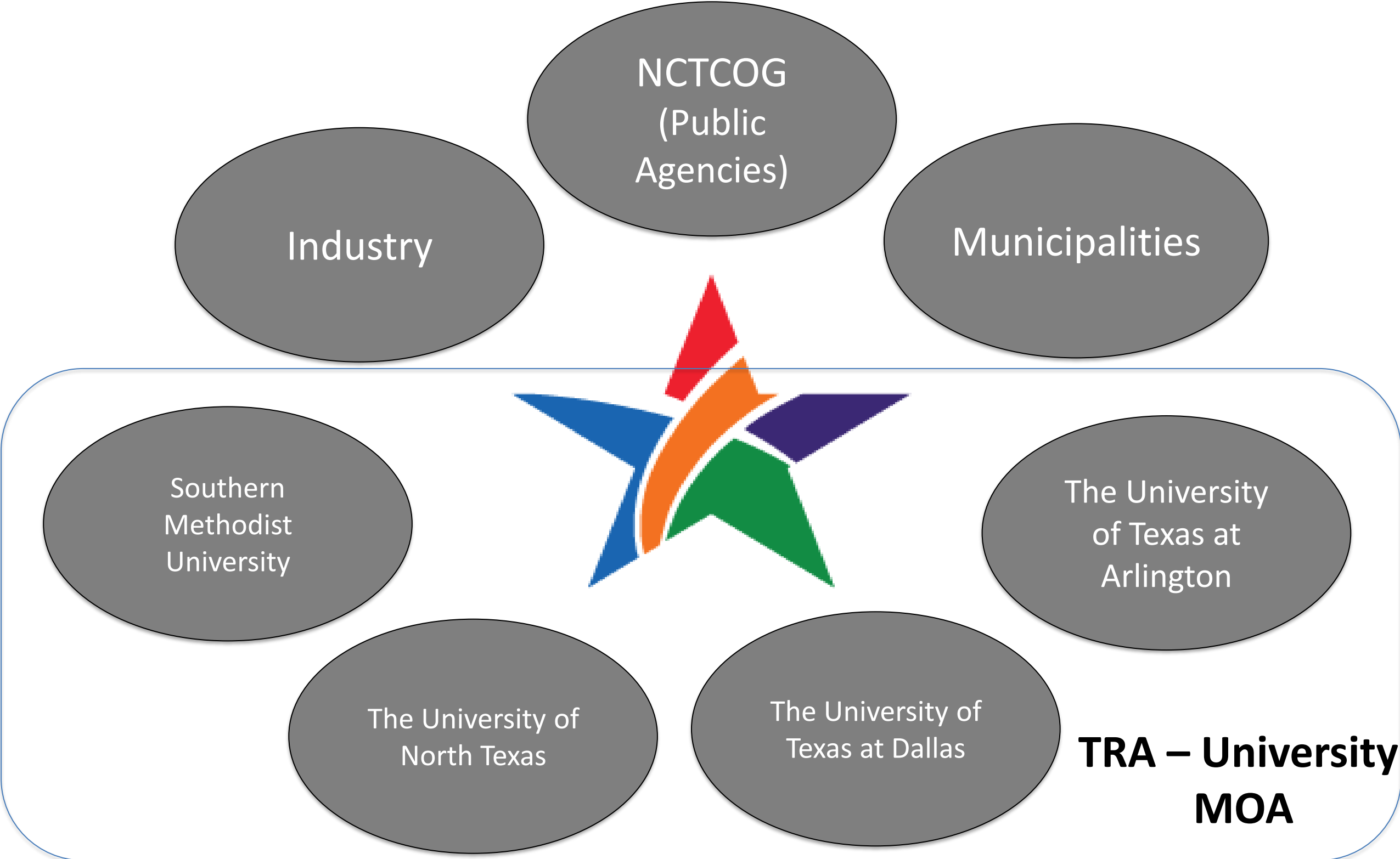
Mission: The NTCMT will bring the coordinated expertise of our DFW research universities to mobility challenges faced by industry, municipalities, and transportation agencies in the region and globally.

NTCMT Objectives



- Provide a readymade R&D network of and for mobility companies, municipalities, public agencies, and non-profits
- Use the network to attract industry and academic talent to DFW
- Develop transportation-related research capabilities within DFW universities
- Facilitate communication and collaboration among DFW universities with respect to R&D projects and pursuit/execution of grants
- Facilitate university-public sector partnerships on transportation-related projects
- Facilitate mobility and transportation internships for workforce enhancement
- Be a catalyst for building similar DFW area university networks in other areas

NTCMT Stakeholders



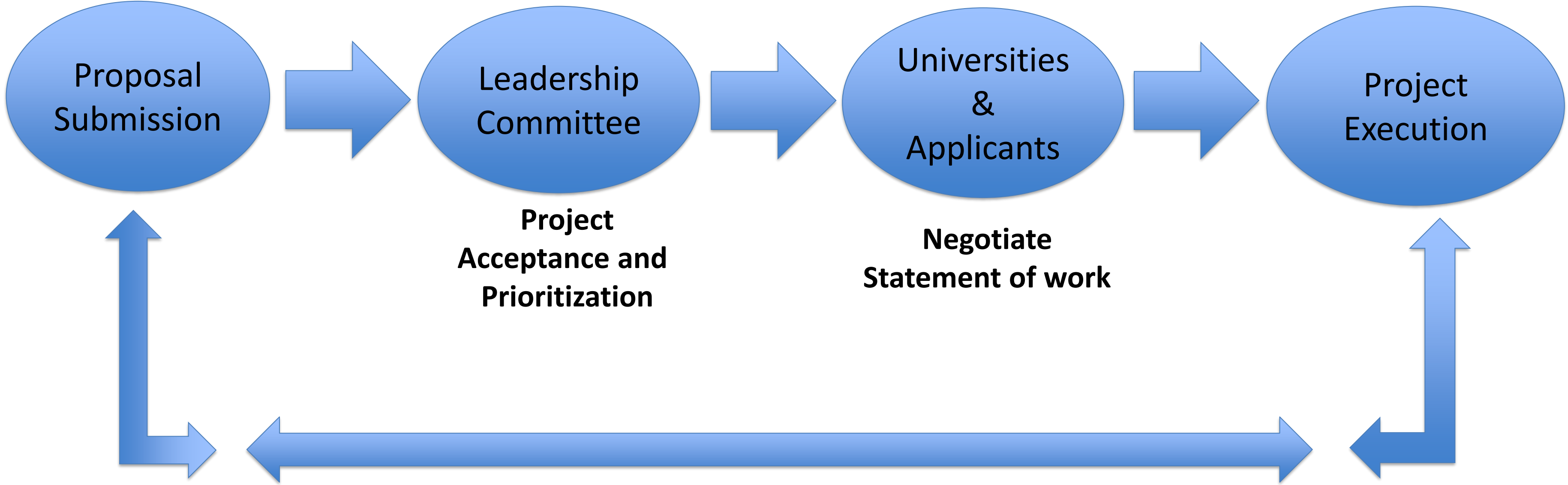
NTCMT Structure



- NTCMT Leadership Committee (LC): Ensure that the NTCMT promotes and accepts important and timely projects in mobility technologies and systems. LC members include NCTCOG, industry (air, rail, road (passenger and freight), universities, municipalities, and public agencies.
- NTCMT Universities Members: Serve on the LC, negotiate Sponsored Research Agreements with and build strong, lasting relationships with applicants.
- NTCMT Technical Advisory Committee (TAC): The TAC is open to all mobility technology and system-interested faculty, industry, municipality, and public agency participants. The TAC is a key contributor of important and timely topics in mobility technology and systems. All interested faculty should participate by signing up through the NTCMT website www.tradfw.org/ntcmt.
- Private and Public Sector: Companies, public sector organizations and foundations provide research and development proposals and research funding.

NTCMT Overall Process

Competition/Coordination/Partnerships



This metric indicates strong sponsor-university relationships

NTCMT Funding



- NCTCOG is currently negotiating a Master Research Agreement with the universities to match fund 25% of proposals that NTCMT, accepts up to \$2.5M over five years.
- The lead university will negotiate directly with project sponsors and match fund 25% of the negotiated project budget.
- The research sponsors will pay universities for the remaining 50% of the project.
- TRA will have a task on all NTCMT projects (3% of the budget) that will provide funding for the continuing development of NTCMT.
- Initial funding from NCTCOG is anticipated in April 2021.



**A COMMUNITY DRIVEN APPROACH
SUPPORTING THE MOBILITY TALENT AND RESEARCH
NEEDS
IN DALLAS-FORT WORTH**

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