

Research Goal Group, February 2006 Solutions Brainstorming

PROJECTS – INITIATIVES – POLICIES			
3-1 Diversify Fuels	<ul style="list-style-type: none"> • Research markets for ethanol bio fuels • Research barriers to ethanol use • Is/supply available for bio fuels? • What costs / availability in production technology - economies of scale • Research on engine/vehicle impact research ethanol - funding • Funding program to support entrepreneurs providing ethanol • Fund research relating to hybrids – technological obstacles (batteries costs) • Fund research to reduce costs of H₂ and fuel cells • Regional Policy - percent % of public fleets hybrid 		
3-5 Innovative ways for Trucks to move	<ul style="list-style-type: none"> • Goods movement knowledge base (O-D of goods, routes, obstacles) • Require collaboration of trucking companies on deliveries • Research means for intermodal ease of transfer of goods • Demo off road movement of parts / goods for localized areas (Multi-F) • Locate industrial & distribution facilities near existing interchanges 		
3-8 Larger Ships to Great Lakes ports	<ul style="list-style-type: none"> • Research transfer of goods between modes easily (terminal, ships) competitive • Research propulsion, crews / staff – alternate fuels • Year round operation of Great Lakes • Ballast water exchange • Knowledge of competitive markets (water too) O-D of goods, routes, obstacles) 		
	PROJECTS	INITIATIVES	POLICIES
3-9 Facilitate research corridor identity and passenger movement	People Mover using available r.o.w.'s	<ul style="list-style-type: none"> • Research role of trans. In establishing id for corridor (use studies of other successful corridors) • “knowledge base” of interactions/destinations <ul style="list-style-type: none"> • Current • Potential (GIS?) 	
3-11 ITI – logistics and supply chain research	<ul style="list-style-type: none"> • Demo off road freight system “knowledge base” of common O-D’s for freight coord. • Research implications of co-locating product facilities (integrated supply chain) 	<ul style="list-style-type: none"> • Cluster id and dev. related industries and its impact on trans/freight movement • Look for potential to coordinate trans. to common suppliers/locations to improve efficiency • Create knowledge base of common OD’s for freight coord. (“ride-share” for freight) 	