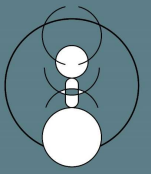


# SUSTAINABLE SOLUTIONS MAP 1.0



FORMICA CAPITAL

SUSTAINABLE SYSTEMS	SUSTAINABLE ENERGY		SUSTAINABLE MOBILITY		SUSTAINABLE INFRASTRUCTURE & INDUSTRY		SUSTAINABLE FOOD & ECOSYSTEMS		SUSTAINABLE MATERIALS		PEOPLE POSITIVE	
DEFINITION	Clean, secure & affordable energy for all at any time		Clean, safe, fast abundant & affordable mobility for all		100% fit-for-purpose built environment and efficient industry with net zero planet impact		Healthy & affordable food for all with an ecosystem in balance		100% circular material sustainably sourced for all applications		Healthy, happy, free, affluent people, treated equitably	
SDG IMPACT												
SHARE OF GLOBAL CO <sub>2</sub> e <sub>q</sub>	35%		17%		20%		~30%		~20%		n/a	
PRE-REQUISITES	<ul style="list-style-type: none"> <li>Clean and renewable energy production</li> <li>No intermittency issues at point of use</li> <li>Secure efficient grids at any point &amp; time</li> <li>Electrified energy use</li> </ul>		<ul style="list-style-type: none"> <li>Clean efficient drivetrains/propulsion</li> <li>Safe mobility for all</li> <li>Shared efficient people mobility</li> <li>End to end optimized goods mobility</li> </ul>		<ul style="list-style-type: none"> <li>Smart, lasting, biofriendly infrastructure</li> <li>Smart efficient &amp; green buildings</li> <li>Smart, clean &amp; enjoyable cities &amp; dwellings</li> <li>Sustainable construction &amp; clean efficient industry</li> </ul>		<ul style="list-style-type: none"> <li>Healthy nutritional planet-effective diet</li> <li>Sustainable land use with ecosystems in balance</li> <li>Smart efficient production logistics</li> <li>Net zero food waste</li> </ul>		<ul style="list-style-type: none"> <li>Sustainable extraction</li> <li>Renewable, bio-degrading, recyclable consumables</li> <li>Recyclable, durable technical materials</li> <li>Effective waste mgmt &amp; recycling systems</li> </ul>		<ul style="list-style-type: none"> <li>Education for all</li> <li>Equitable work for all</li> <li>Adequate health for all</li> <li>Financing access to all</li> <li>Leisure &amp; freedom for all</li> </ul>	
SOLUTION AREAS	<b>CLEAN ENERGY PRODUCTION</b> Solar Energy Wind Energy Bioenergy/Fuels Other Renewable & Advanced Energy <b>ZERO DISTRIBUTION &amp; INTERMITTENCY ISSUES</b> Smart Grids & Virtual Power Plants Demand Side Energy Mng & Storage Micro Grids & Grid Storage <b>ELECTRIFIED ENERGY USE</b> Heat Pumps/AC Electrified Steel, Concrete & Other E-fuels		<b>CLEAN EFFICIENT PROPULSION</b> Electric Drivetrain Batteries & Hydrogen Clean Shipping, Aviation & Long-haul Aerodynamics & Other Efficiency Modular Vehicle Components <b>SAFE MOBILITY</b> Autonomous & Assisted Driving Vehicle2vehicle Communication <b>EFFICIENT MOBILITY SOLUTIONS</b> Mobility Platforms & Mobility Behaviour Last Mile People Solutions <b>OPTIMIZED GOODS MOBILITY</b> Intelligent Supply Chain Efficient Packaging Solutions Multimodal, Last-mile And Reverse Logistics		<b>SUSTAINABLE CONSTRUCTION</b> Renewable Circular Building Materials & Components Efficient Modularized Clean Construction <b>SMART BUILDINGS</b> Building Automation Clean Building Technology <b>SMART CLEAN CITIES</b> City Sensor Use & Info Management Water & Air Purification & Management Smart City & Ecosystem Management <b>RIGHT SMART INFRASTRUCTURE</b> Smart, Electrified Roads & Charging Biodiversity Infrastructure <b>CLEAN EFFICIENT INDUSTRY</b> Industry Efficiency Solutions Clean Industry Solutions		<b>PLANET EFFECTIVE DIET</b> Precision Fermenting & New Protein Sources Plant-based Foods Meal & Dietary Solutions <b>SUSTAINABLE LAND USE</b> Precision & Advanced Farming Methods Marine Permaculture & Harvesting Urban Farming & Land-based Fish Farms <b>ECOSYSTEM BALANCE</b> Carbon Sequestration & Offset Markets Ecosystem Restoration & Services <b>SMART FOOD VALUE CHAIN</b> Intelligent E2E Supply Chains Efficient Cold Chain Solutions Food Treatment & Packaging Solutions Smart Food Waste Solutions & Utilization		<b>SUSTAINABLE EXTRACTION</b> Environmentally Friendly Operations Origin & Operations Verification Solutions <b>CIRCULAR CONSUMABLE</b> Sustainable Packaging Bio-based Consumables <b>CIRCULAR DURABLES</b> Bio-based Durables Sustainable Steel & Concrete <b>ADVANCED MATERIALS</b> Advanced Chemistry & New Materials Bio & Genetic Engineering <b>EFFICIENT RECYCLING SYSTEM</b> Advanced Recycling Tech Recycled Material Upcycling Recycling Market Tech & Tracking Solutions		<b>EQUITABLE WORK FOR ALL</b> Augmented Work Solutions Safety & Healthy Worker Solutions Sustainable Business Solutions <b>EDUCATION FOR ALL</b> Edtech Education Solutions <b>HEALTH FOR ALL</b> Elderly Care Health Tech <b>FINANCE FOR ALL</b> Sustainable Fintech Kiva Finance For All Solutions <b>LEISURE &amp; FREEDOM FOR ALL</b> Sustainable Leisure Responsible Consumer Solutions	
SUSTAINABLE SYSTEM ENABLERS	CIRCULAR & EFFICIENT VALUE CHAINS		RAPID & RIGHT TECHNOLOGY DEVELOPMENT		INTEGRATED EXTERNALITIES & RIGHTLY VALUED PUBLIC GOODS		FINANCIAL SYSTEMS SUPPORTING CHANGE		SUSTAINABLE BUSINESS KNOW-HOW		COMMON GLOBAL VALUES	
SYSTEM PERSPECTIVE	BUSINESS TO CONSUMER		BUSINESS TO BUSINESS		BUSINESS TO BUSINESS		BUSINESS TO BUSINESS		BUSINESS TO PUBLIC SECTOR		BUSINESS TO PUBLIC SECTOR	