



Rose Rock Bridge

A non-profit innovation platform

Source, Commercialize, and Integrate Emerging Tech With Energy Partners.

At Rose Rock Bridge, we support new tech that propels energy corporations to meet their innovation and sustainability goals.

Incubator Model | Advanced Commercialization Support for Academic Innovators

1 SELECT	2 TRANSLATE	3 INCUBATE	4 DEMONSTRATE	5 LAUNCH
High potential academic research	6-week accelerator program	1-year zero-equity remote program	Pilot and non-dilutive financing	Tailored strategy to commercialize
<ul style="list-style-type: none"> TRL 3 or more (proven bench scale feasibility) Federally funded (DOE, GTO, ARPA-E, SBIR / STTR) Team comprises of PI & post-doc (s) / graduate(s) 	<ul style="list-style-type: none"> 1-on-1 clinics with Energy partners in Tulsa Commercialization workshops with VentureWell Support for company incorporation 	<ul style="list-style-type: none"> \$100k non-dilutive funding Grant application support and legal & IP counsel Industry informed workflows to commercialize tech 	<ul style="list-style-type: none"> Pilot tech with relevant Energy partner Tulsa presence for partner access & scale-up support CXO / talent recruitment support 	<ul style="list-style-type: none"> Equity funding from partner VC firms Support for creating & scaling university spinouts Marketing for tech licensing partnerships

Important dates for our upcoming cohort -

- **April 15, 2024** - application deadline
- **June 5, 2024** - cohort launch date
- **June 24, 2024** - 6 week accelerator begins
- **August 15, 2024** - Grant award selection & start of 1-yr incubation period

Startups We Support



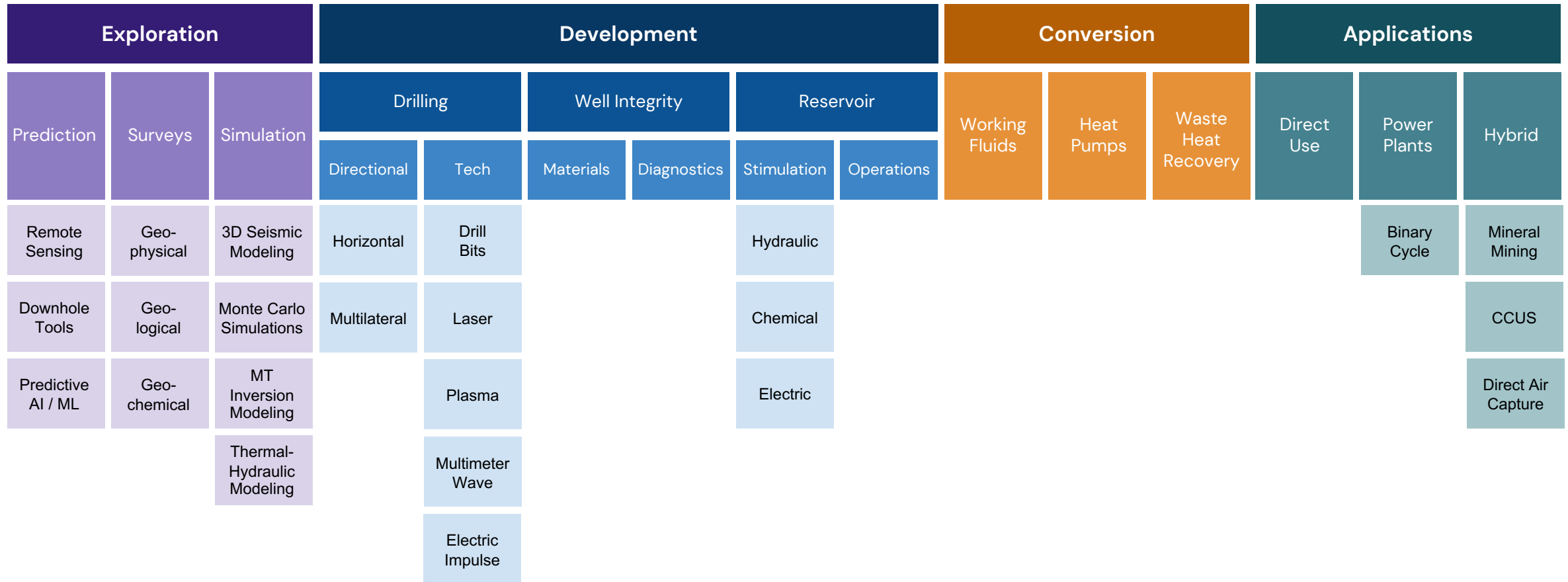
Our Network

Oil & Gas	Capital	Startup Support	Govt. Community

ENHANCED GEOTHERMAL SYSTEMS (EGS)

Innovation Focus Area

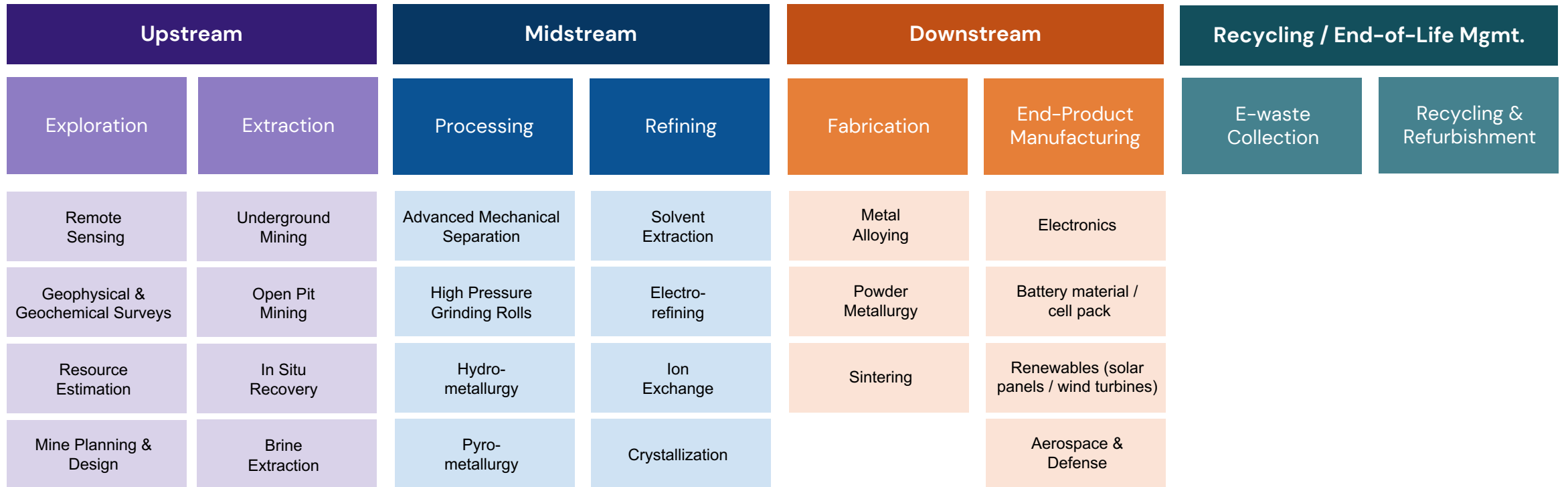
EGS Value Chain



CRITICAL MINERALS

Innovation Focus Area

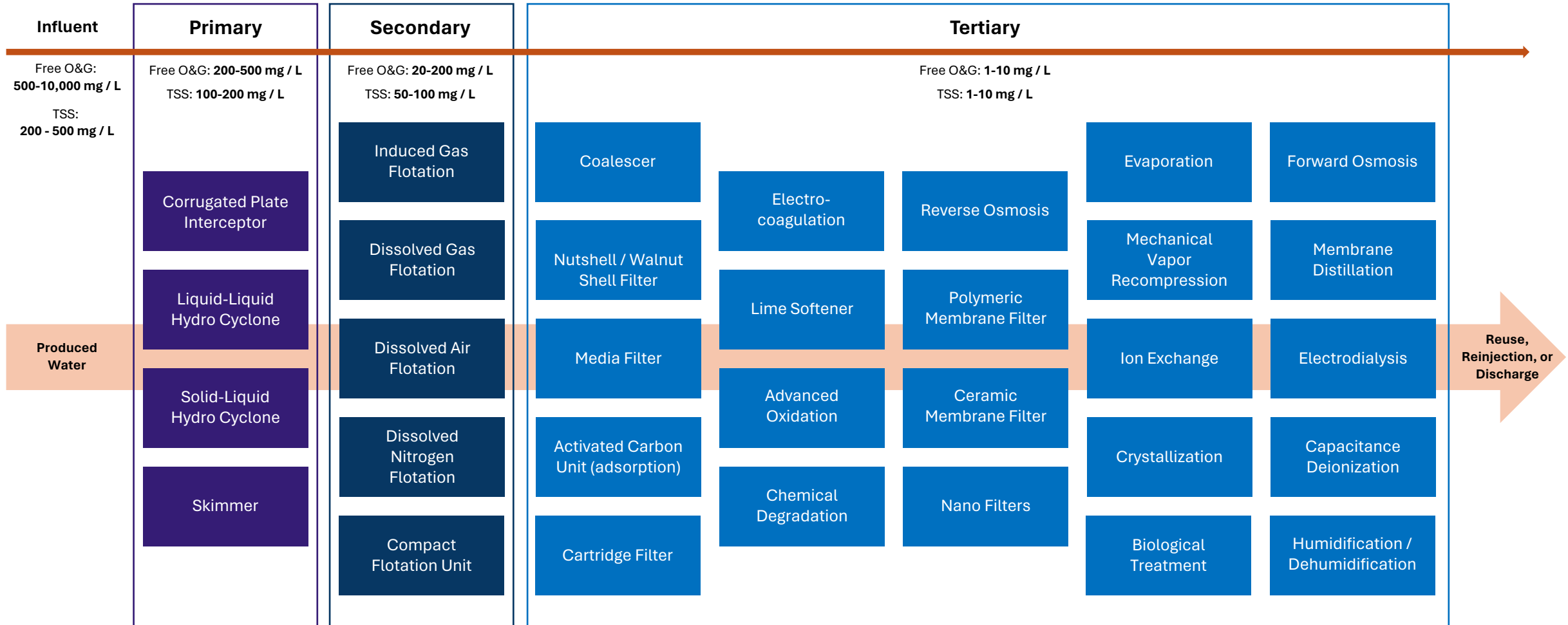
Critical Minerals Value Chain



Note: Critical minerals in focus are Lithium, Silicon, Nickel, Cobalt, Zinc, Aluminum, Manganese, and Rare Earth (e.g., La, Ce, Tb, Yb, Sc)

PRODUCED WATER TREATMENT

Innovation Focus Area



Notes: O&G – Oil & Grease; TSS – Total Suspended Solids

Source: Adopted from Larson, 2018; WEF, 2018; Jimenez, 2018

METHANE MANAGEMENT

Innovation Focus Area

Identification & Measurement		
Leak Detection	Emissions Quantification	Continuous Monitoring
Infrared Imaging	Direct (e.g., high flow samplers)	Satellite Monitoring
LiDAR	Indirect (e.g., mass balance, emission factors)	Aerial Surveys
Laser Absorption Spectroscopy		Ground-Based Sensing
Nano Photonic Sensors		
Electrochemical Sensing		

Emission Reduction Tech			
Advanced Materials	Preventive Maintenance	Integration with Renewables	Capture & Utilization
Alloys & Plastics (less permeable to methane)	Low-bleed Pneumatic Devices	Solar / Wind replacing gas driven pneumatics	Vapor Recovery Units
Seals & Gaskets	Dry Seals	Equipment Electrification	Gas-to-Liquid Systems
	Zero-Emission Valves & Fittings		

← Digitization & Automation →