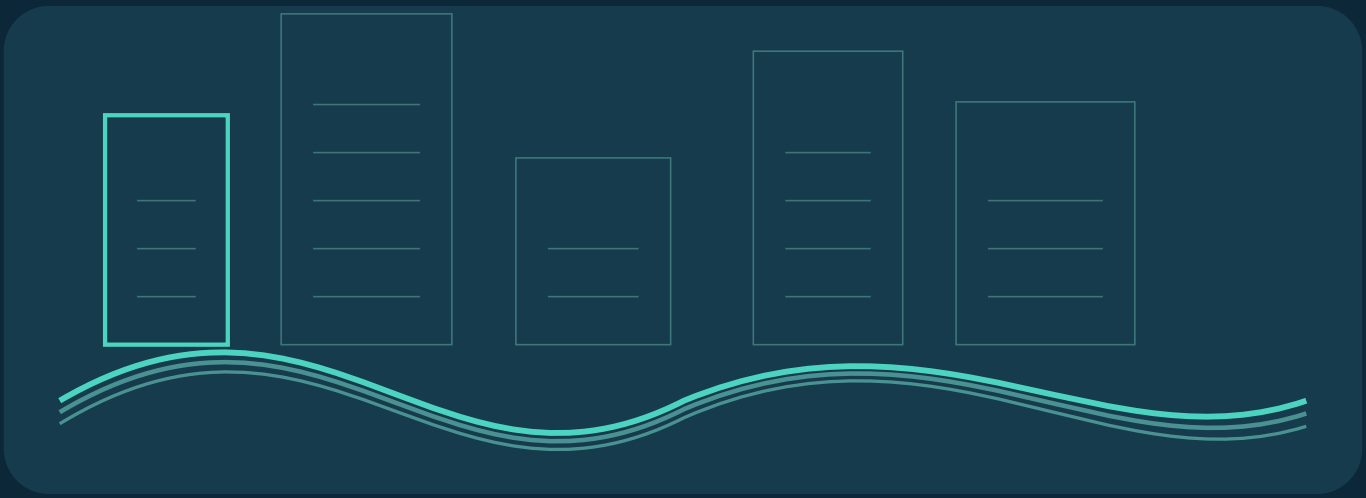
ENVIRONMENTORS

VISION 2035

RESTORE EARTH'S LIFE-SUPPORT SYSTEMS

Integrated environmental restoration, climate resilience and infrastructure performance.



17 + 15 + 12 environmental + AI + ESG / compliance / carbon

ASSESS → RESTORE → OPERATE → MEASURE → SUSTAIN

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INDUSTRY SOLUTIONS + PRODUCT PORTFOLIO / NOVEMBER 2026

00 / RAPID DECISION INDEX

One issue. One outcome. One next step.

A quick route for executives, institutions and partners to find what matters most.

CLIMATE ACTION IS A FINANCIAL AND PLANETARY PRIORITY.

Reduce avoidable losses; improve resource productivity; protect people and living systems for future generations.

01	**WHY ACT NOW** Operating economics, losses avoided and investable returns	03-06
02	**WHO BENEFITS** 16 stakeholder groups: corporates, NGOs, public agencies, academia, funds	07-09
03	**ESG SERVICES** Materiality, BRSR, greenhouse-gas accounting, supplier and impact data	10
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START: SHARE YOUR INDUSTRY, SITE, GOAL AND BUSINESS CONSTRAINT.

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01 / THE ECONOMICS OF CLIMATE ACTION

Climate action is business continuity

The practical question is no longer “Can we afford to act?” but “Which risks and savings should we address first?”

RESILIENCE

Protect revenue & operations

Limit heat, flood and water interruptions that halt service, damage assets or erode revenue.

PROOF Asset downtime / unplanned loss / recovery time

EFFICIENCY

Lower controllable costs

Cut wasted water, inefficient pumping, cooling energy and avoidable maintenance.

PROOF kWh per unit / m³ reused / operating cost

PEOPLE

Protect workers & communities

Improve shade, drinking-water access, work scheduling and heat safety.

PROOF Heat exposure / comfort / HSE response

MARKET ACCESS

Strengthen customer trust

Build credible evidence for customers, procurement teams and financing decisions.

PROOF Evidence quality / procurement qualification

CAPITAL

Improve project investability

Understand lifecycle risk, costs and feasibility before making a capital commitment.

PROOF Risk register / LCC / verified business case

LEGACY

Safeguard future generations

Safeguard water, ecosystems and human wellbeing for future generations.

PROOF Water quality / habitat condition / energy

SUSTAINABLE BUSINESS = FINANCIAL RESILIENCE + VERIFIED ECOLOGICAL OUTCOMES

Environmentors approach: ASSESS / RESTORE / OPERATE / MEASURE / SUSTAIN

Research basis: CEEW 2026 industrial resilience | Cambridge/BCG 2025 | CDP 2025

02 / INDUSTRY VALUE MAP • 1 OF 2

Your risk. Your return. Your impact.

Identify a measurable operational problem first; select specialist solutions and AI tools only where the evidence supports them.

SECTOR 01

MUNICIPALITIES & CITY AUTHORITIES

Reduce flooding and water-quality incidents; maintain parks, lakes and city cooling assets.

SOLUTIONS

EarthWater / EarthNature / EarthHeat / EarthFlood Twin

MEASURE Water quality; drainage downtime; heat exposure

SECTOR 02

WATER UTILITIES & STPs

Improve treatment reliability, reuse, energy efficiency and response to faults.

SOLUTIONS

EarthOperate / EarthSTP Predict / EarthLeak Sentinel

MEASURE Discharge compliance; uptime; kWh/m^3

SECTOR 03

MANUFACTURING & INDUSTRIAL ESTATES

Reduce water and energy intensity; manage heat, air-quality and physical disruption.

SOLUTIONS

EarthAir / EarthEnergy / EarthWork / EarthEvidence

MEASURE Water intensity; energy cost; lost production

SECTOR 04

REAL ESTATE & COMMERCIAL BUILDINGS

Improve thermal comfort, reduce water demand and plan climate-resilient assets.

SOLUTIONS

EarthCool / EarthInfra / EarthLake Vision

MEASURE Comfort-hours; water reuse; energy per m^2

SECTOR 05

CONSTRUCTION & INFRASTRUCTURE EPC

Reduce weather delays and protect workers through resilient design and HSE intelligence.

SOLUTIONS

EarthInfra / EarthHeat Pulse / EarthInspect

MEASURE Downtime days; hazard closure; asset condition

SECTOR 06

HOSPITALS, SCHOOLS & CAMPUSES

Protect occupants, ensure water quality and control cooling-related operating costs.

SOLUTIONS

EarthCool / EarthWork / EarthEvidence

MEASURE Indoor comfort; drinking-water tests; energy

PUBLIC + PRIVATE BUYERS: The right first deliverable is a scoped diagnostic with baseline, costed options, responsible engineers and clear procurement pathway.

03 / INDUSTRY VALUE MAP • 2 OF 2

New markets need measurable outcomes

Climate action can strengthen competitiveness while conserving water, energy, habitats and community wellbeing.

SECTOR 07

TRANSPORT, METRO & LOGISTICS

Reduce heat- and flood-related disruption; protect critical mobility and depots.

SOLUTIONS

EarthInfra / EarthInspect / EarthHeat Pulse

MEASURE Asset downtime; drainage risk; inspection closure

SECTOR 08

FOOD, AGRICULTURE & COLD CHAIN

Reduce spoilage, improve irrigation efficiency and safeguard cooling reliability.

SOLUTIONS

EarthFood / EarthFarm Guard / EarthEnergy

MEASURE Loss rate; m^3 per tonne; temperature excursion

SECTOR 09

DATA CENTRES & DIGITAL CAMPUSES

Assess water use, cooling resilience and resource trade-offs in mission-critical sites.

SOLUTIONS

EarthCool / EarthEnergy / EarthRisk

MEASURE PUE/WUE where appropriate; availability

SECTOR 10

RECYCLING & CIRCULAR MATERIALS

Screen credible feedstock supply, resource recovery and market offtake before capital spend.

SOLUTIONS

EarthCircular Recovery / EarthCircular Match

MEASURE Recovered yield; lawful offtake; lifecycle economics

SECTOR 11

BANKS, INVESTORS & INSURERS

Improve climate due diligence and the auditability of environmental performance data.

SOLUTIONS

EarthRisk / EarthBaseline / EarthEvidence

MEASURE Risk quality; data traceability; lifecycle cost

SECTOR 12

TOURISM, PILGRIMAGE & PUBLIC EVENTS

Improve temporary sanitation, heat response, waste-water handling and public-space reliability.

SOLUTIONS

EarthWater / EarthHeat / EarthWork Safe AI

MEASURE Service uptime; exposure; response time

ONE DECISION TO START

Share a critical asset, recurring environmental loss or climate exposure. We will propose a site-specific, evidence-led

04 / BUSINESS VALUE

The economics of acting early

Protect cash flow, reduce avoidable costs and improve resilience; verify both financial and environmental results.

BUSINESS RETURNS ARE PROJECT-SPECIFIC.

Financial benefits depend on local baselines, tariffs, asset condition, financing, procurement and the quality of execution.

01

REDUCE UTILITY COSTS

Lower water intake, treatment energy, pumping waste and cooling loads through monitored efficiency.

Energy bill / m^3 / kWh per unit

02

KEEP ASSETS OPERATING

Reduce the duration and impact of heat-, water- and flood-related disruptions.

Uptime / incident loss / recovery time

03

PREVENT EXPENSIVE REWORK

Commission correctly, track discharge performance and repair issues before major failure.

Corrective maintenance / incidents

04

STRENGTHEN CUSTOMER ACCESS

Build evidence for enterprise procurement, export supply chains and ESG data requests.

Qualification rate / data completion

05

IMPROVE INVESTMENT READINESS

Provide risk registers, lifecycle costs, credible baselines and verified project outcomes.

NPV / payback / evidence grade

06

SUPPORT GREEN GROWTH

Commercialise services for reuse, ecosystem performance, decarbonisation and digital monitoring.

Recurring revenue / retained customers

ILLUSTRATIVE WATER-REUSE ECONOMICS

50,000 m^3 per year of verified alternative water use × ₹40/m^3 avoided purchase cost = ₹20 lakh/year gross avoided cost. Less additional treatment O&M, finance, taxes and capital costs; actual tariffs, volumes and demand must be validated.

CDP 2026 (11,260+ disclosers) reports median returns of up to US$8 for each US$1 responding to environmental risk. This is a sample-level research result, not an Environmentors project forecast. [R2]

05 / PARTNER & BUYER ECOSYSTEM · A

Who benefits from climate action?

Different stakeholders require different economic, environmental and institutional value propositions.

01

LISTED CORPORATES & EXPORTERS

Defensible ESG data, risk control, supply-chain acceptance and lower water / energy intensity.

SOLUTIONS

EarthESG Compass · EarthGHG Ledger

Annual programme

02

MSMEs & INDUSTRIAL ESTATES

Practical cost savings, buyer-readiness, consent tracking and heat-safe operations.

SOLUTIONS

EarthWater · EarthPermit Navigator

Diagnostic → O&M

03

GOVERNMENTS & CITY AGENCIES

Reliable sanitation, resilient public assets, flood/heat protection and evidence for budgets.

SOLUTIONS

EarthNature · EarthHeat · EarthEvidence

Procurement-led

04

WATER UTILITIES & PUBLIC SPVs

Stronger treatment uptime, compliance evidence, reuse economics and asset life.

SOLUTIONS

EarthSTP Predict · EarthWater Compliance

Performance O&M

05

REAL ESTATE & INFRA OWNERS

Lower building lifecycle expense, comfort, water reuse and physical resilience.

SOLUTIONS

EarthCool · EarthRisk · EarthESG Compass

Audit → retrofit

06

BANKS, INSURERS & FUNDS

Climate-risk screening, investment due diligence and monitored asset performance.

SOLUTIONS

EarthRisk · EarthImpact Evidence

Technical advisory

07

CORPORATE CSR FOUNDATIONS

Credible community outcomes, project monitoring and transparent impact evaluation.

SOLUTIONS

EarthImpact Evidence · EarthNature

CSR project design

08

NGOs & COMMUNITY ORGANISATIONS

Stronger grant proposals, implementable restoration and measurable donor reporting.

SOLUTIONS

EarthBaseline · EarthImpact Evidence

Research + delivery

FOR PUBLIC AGENCIES: Engage through authorised procurement and programme channels. For NGOs and CSR funders: choose outcomes, safeguards and evaluation before project commitments.

06 / PARTNER & BUYER ECOSYSTEM · B

Knowledge, capital, communities

Expand impact through applied science, accountable funding, capable technology and community participation.

09

UNIVERSITIES & RESEARCH LABS

Real field laboratories, longitudinal datasets, applied research and student learning.

SOLUTIONS

EarthLake Vision · EarthHeat · EarthEvidence

Research protocols

10

MULTILATERALS & DEVELOPMENT AGENCIES

Replicable programmes, implementation partners and credible results frameworks.

SOLUTIONS

EarthRisk · EarthClimate Finance

Programme consortia

11

PHILANTHROPIC FOUNDATIONS

Well-targeted grants, governance controls, verified beneficiary and ecological outcomes.

SOLUTIONS

EarthImpact Evidence · EarthNature

Grants + evaluation

12

CLIMATE-TECH START-UPS & OEMs

Pilot sites, customer validation, local system integration and responsible deployment.

SOLUTIONS

EarthIntelligence · EarthWater

Commercial pilots

13

FARMER GROUPS & COOPERATIVES

Water productivity, resource resilience, lower losses and place-based livelihoods.

SOLUTIONS

EarthFood · EarthGHG Ledger

Collective projects

14

CHAMBERS & INDUSTRY ASSOCIATIONS

Member training, shared diagnostics and clustered resilience projects.

SOLUTIONS

EarthESG Compass · EarthHeat Pulse

Cluster programmes

15

HOSPITALS, SCHOOLS & CAMPUSES

Water safety, heat adaptation, occupant wellbeing and resource-cost reductions.

SOLUTIONS

EarthCool · EarthWater Compliance

Campus audits

16

AUDIT, LEGAL & SPECIALIST PARTNERS

Traceable evidence, expert integration and independently assessed project results.

SOLUTIONS

EarthCompliance Cloud · EarthCarbon Project Studio

Defined mandates

LOCAL RESIDENTS, EMPLOYEES AND FUTURE GENERATIONS are intended beneficiaries: clean water, safer environments, retained ecosystem services and fair participation—not merely secondary marketing audiences.

07 / COOPERATION MODELS

A clear pathway for every partner

Match the engagement structure to stakeholder goals, legal authority, measurable outcomes and cost responsibility.

01

PAID DIAGNOSTIC

For a buyer with an asset or compliance problem.

Baseline + option appraisal + costed next phase.

02

DESIGN–BUILD–OPERATE

For an authorised infrastructure buyer.

Verified engineering + commission + funded O&M.

03

SCIENTIFIC COLLABORATION

For universities and research institutes.

Research question + method + data terms + field study.

04

GRANT / CSR IMPLEMENTATION

For foundations, NGOs and donor programmes.

Theory of change + eligible budget + safeguards + evaluation.

05

DIGITAL SUBSCRIPTION

For multi-site businesses and utilities.

Monitoring data + operator actions + measured service KPIs.

06

CARBON / ESG READINESS

For eligible corporate and project sponsors.

Applicability + baseline + viable methodology + review plan.

FIRST CONVERSATION: ASSET • LOSS / RISK • DATA • BUYER • BUDGET

Tell us the site or portfolio, the decision-maker, the operational challenge and the evidence available.

08 / ESG CONSULTING & INTELLIGENCE

Five ESG products. One evidence chain.

Move from disconnected disclosure files to measurable risk reduction, responsible operations and stronger decisions.

ESG-01

EarthESG Compass

ESG materiality, physical-risk screening and practical strategy aligned to the organisation.

OUTPUT Material topics, risks, owner, KPI plan. ADVISORY

ESG-02

EarthBRSR Desk

BRSR / BRSR Core data-preparation and value-chain reporting support where applicable.

OUTPUT Data matrix, evidence file, gap tracker. INDIA

ESG-03

EarthGHG Ledger

Scope 1, 2 and relevant Scope 3 emissions inventories using suitable GHG Protocol rules.

OUTPUT Boundary, factors, inventory, QA trail. MRV

ESG-04

EarthSupply Trace

Supplier water, energy, environmental and climate-risk data capture with AI-assisted checks.

OUTPUT Supplier questionnaire, risk register. DIGITAL

ESG-05

EarthImpact Evidence

Impact measurement for water, biodiversity, resilience, community and donor programmes.

OUTPUT Baseline, sampling, outcome dashboard. IMPACT

BRSR applicability varies by entity and reporting period; independent assessments, auditing and certification are performed only by authorised, competent parties. [R3, R6]

09 / COMPLIANCE & RISK SERVICES

Environmental compliance, made actionable

Compliance should reduce operational interruptions and strengthen documentation—not end in a one-time checklist.

CMP-01 EarthPermit Navigator

Map applicable environmental authorisations and prepare a dated compliance pathway.

OUTPUT CTE / CTO, EC and other applicable permits. ADVISORY

CMP-02 EarthWater Compliance

Develop water/effluent sampling, laboratory coordination and treatment-compliance plans.

OUTPUT Parameter list, sampling protocol, exceptions. FIELD

CMP-03 EarthCircular Compliance

Assess applicable waste, plastics, battery and e-waste responsibilities and EPR pathways.

OUTPUT Applicability register, corrective-action plan. EPR

CMP-04 EarthCompliance Cloud

AI-assisted obligation calendar, document vault, exception alerts and audit-ready evidence.

OUTPUT DIGITAL

AN OPERATING SYSTEM, NOT A PROMISE OF REGULATORY APPROVAL

The appropriate regulator grants permissions. Licensed laboratories, qualified legal advisers, independent assessors and accredited verifiers are engaged wherever required. Environmentors supports preparation, technical implementation, monitoring and documented follow-through.

10 / CARBON-MARKET SERVICES

Carbon value must be earned and verified

Screen methodology eligibility and project economics first. Only register or claim credits through the applicable approved pathways.

CRB-01

EarthCarbon Screen

Screen eligible activities, baseline, rights, methodology, cost and credible carbon-market demand.

OUTPUT Go / hold / reject feasibility decision. FEASIBILITY

CRB-02

EarthCarbon Project Studio

Support documentation, project design, MRV planning and registration preparation with specialists.

OUTPUT PDD / MRV protocol / monitoring plan. PROJECT

CRB-03

EarthCarbon Integrity

Assess credit quality, registry records, permanence, additionality and buyer-claim risks.

OUTPUT Traceability review / claims protocol. INTEGRITY

WHERE CARBON MAY INTERSECT ENVIRONMENTORS

Waste and methane interventions; eligible energy-efficiency and renewable-energy activities; qualified nature- and land-based projects; and other activities only where an approved methodology, legal rights and verifiable reductions exist.

A restored lake, constructed wetland, STP or planting programme does not automatically generate tradeable credits. Carbon revenue is not assumed in the base-case project economics. [R4, R5, R7]

11 / SCIENTIFIC + FINANCIAL INTEGRITY

From climate intent to credible value

The programme succeeds only when environmental claims, lawful operations and economic performance withstand independent scrutiny.

01 ELIGIBILITY

Current scheme, approved methodology, geography, activity, ownership and consent.

02 BASELINE

Credible without-project scenario, site data, metering and emission factors.

03 INTEGRITY

Additionality, leakage, permanence, double-counting safeguards and community rights.

04 VALIDATION

Independent verifier, registry conditions, monitoring, issuance and retirement rules.

05 ECONOMICS

Development costs, operating costs, transaction fees, price uncertainty and delay risk.

06 PUBLIC CLAIMS

No “carbon-neutral” or “net zero” headline without the required supporting basis.

ECONOMIC DECISION FILTER

Model cash flows with lifecycle O&M, verified efficiency savings, risk-adjusted downtime and realistic collection terms. Test NPV, payback, liquidity and downside scenarios before recognising uncertain grants or carbon income. [R2, R4, R7, R8]

12 / EVIDENCE + STANDARDS

Claims backed by strong foundations

Selected current official and research references for sector proposals, ESG, compliance and carbon-market integrity.

R1	World Bank, India resilient cities (2025)	VIEW SOURCE
R2	CDP, Disclosure Dividend (2026)	VIEW SOURCE
R3	SEBI, BRSR Core and value-chain circular (2025)	VIEW SOURCE
R4	Ministry of Power, CCTS framework (2025)	VIEW SOURCE
R5	BEE, Accredited Carbon Verification Agencies (2026)	VIEW SOURCE
R6	GHG Protocol, Standards & Guidance	VIEW SOURCE
R7	ICVCM, Core Carbon Principles	VIEW SOURCE
R8	CCPA, Greenwashing Guidelines (2024)	VIEW SOURCE
R9	ISO 14001:2026, Environmental Management	VIEW SOURCE
R10	IFC, Climate Resilience for Private Sector	VIEW SOURCE

FIND THE FIRST HIGH-VALUE DECISION

Share a site, supply chain, reporting challenge or potential mitigation project. We will propose a scoped assessment with suitable technical, legal and verification roles.

01 / WHY NOW

Environmental performance is the new infrastructure test

Resilient cities need cleaner water, safer heat exposure, reliable assets and measurable operating outcomes.

57%

Indian districts assessed high or very-high heat risk

CEEW / 2025 [2]

>10%

India annual electricity demand linked to cooling

IEA / 2026 [3]

3–4°C

Urban-core heat above nearby areas in cities studied

World Bank / 2025 [4]

THE PROBLEM WITH FRAGMENTED DELIVERY

01 **Construction without durable operations**
Asset completion does not itself establish sustained ecological or treatment performance.

02 **Climate risk in separate silos**
Water, heat, flooding, energy and worker exposure are often handled independently.

03 **Claims without trustworthy measurement**
Surface temperatures or planted area cannot substitute for verified environmental outcomes.

04 **Technology without customer economics**
Supply, operating costs, procurement routes and cash collection determine scalability.

ENVIRONMENTORS RESPONSE

One lifecycle of responsibility: baseline → design → implementation → operations → evidence → improvement.

02 / COMPLETE PRODUCT INDEX

One portfolio. Four connected platforms.

17 strategic portfolio offerings, extended by 15 dedicated AI-enabled modules on subsequent pages.

RESTORE

01 / Water + ecological systems

EW-01 EarthWater 360

EN-02 EarthNature Blue-Green

EO-03 EarthOperate Assurance

EB-04 EarthBaseline Diagnostic

CORE ENTRY

PROTECT

02 / Climate + infrastructure

EH-05 EarthHeat Risk Atlas

EC-06 EarthCool Retrofit

EW-07 EarthWork Safe

EA-08 EarthAir / Clean Industry

PARTNER-LED Resilience

PROVE

03 / Intelligence + efficiency

ED-10 EarthIntelligence MRV

EE-11 EarthEnergy Resource Efficiency

EF-12 EarthFood Water & Cooling

ER-13 EarthRisk & Project Bankability

STAGED / PARTNER

RENEW

04 / Circularity + transition

EX-14 EarthCircular Bamboo

EX-15 EarthCircular Recovery

EX-16 EarthBio / Seaweed

EX-17 EarthTransition Hydrogen

GATED / RESEARCH

Core entry = adjacent to stated experience; partner-led, staged, feasibility and research services are developed subject to specialist capability, regulatory requirements and project viability.

03 / RESTORE + OPERATE

Repair water systems. Keep them working.

A commercially grounded entry point: treatment, ecological recovery, operations and measured aftercare.

EW-01 CORE

EarthWater 360

Waterbody and wastewater diagnostics, reuse engineering, root-zone/nature-based treatment options and operations.

MEASURE

Influent/effluent trends; reuse volume; treatment reliability.

EN-02 CORE

EarthNature Blue-Green

Wetlands, hydrology, aquatic habitats, flood-aware landscapes, biodiversity baselines and ecological aftercare.

MEASURE

Water quality; plant survival; habitat and storage indicators.

EO-03 CORE

EarthOperate Assurance

STP and environmental-asset O&M systems, preventive maintenance, compliance reporting and performance reviews.

MEASURE

Operating uptime; discharge compliance; kWh per m^3.

EB-04 CORE

EarthBaseline Diagnostic

Site-specific water-energy-heat-ecology audit with investment options and a phased recovery roadmap.

MEASURE

Verified baseline, prioritised risk and costed interventions.

04 / PROTECT + ADAPT

Make places and people more resilient.

Heat risk, sustainable cooling, industrial air quality and climate-safe physical infrastructure.

EH-05 SPECIALIST-LED

EarthHeat Risk Atlas

Heat, humidity and hot-night exposure mapping, with vulnerability analysis and action-planning support.

MEASURE

Ground-calibrated risk layers and actionable hotspot priorities.

EC-06 SPECIALIST-LED

EarthCool Retrofit

Passive-first shade, roofs, ventilation and efficient-HVAC retrofit design with specialist building teams.

MEASURE

Comfort hours; indoor heat; energy and air-quality indicators.

EW-07 SPECIALIST-LED

EarthWork Safe

Heat-exposure audits for worksites and employer programmes for water, shade, rest and warnings.

MEASURE

Exposure indicators; provision checks; HSE response.

EA-08 SPECIALIST-LED

EarthAir / Clean Industry

Industrial pollution-source screening, particulate monitoring and abatement-option assessments.

MEASURE

QA/QC readings, source inventory and reduction verification.

EI-09 SPECIALIST-LED

EarthInfra Resilience

Flood, drainage and extreme-heat asset vulnerability, retrofit options and lifecycle planning.

MEASURE

Risk profile; resilience measures; downtime scenarios.

05 / PROVE + OPTIMISE

Turn environmental data into decisions.

Monitoring, resource efficiency, food-system resilience and bankable climate projects.

ED-10 STAGED

EarthIntelligence MRV

Integrated sensors, sampling, GIS, evidence grading and decision dashboards across environmental assets.

MEASURE

Data availability, traceability, exception response and audit trail.

EE-11 SPECIALIST-LED

EarthEnergy Resource Efficiency

Cooling, electricity and water-efficiency diagnostics; distributed-solar and storage readiness with specialists.

MEASURE

Normalised energy and water intensity; cash savings.

EF-12 PILOT RESEARCH

EarthFood Water & Cooling

Water and temperature loss assessment in agriculture, fresh-produce markets and cold-chain facilities.

MEASURE

Product loss rate; temperature control; kWh/tonne.

ER-13 SPECIALIST-LED

EarthRisk & Project Bankability

Site climate due diligence, environmental safeguards, lifecycle cost and investment-readiness assessment.

MEASURE

Risk register; buyer/offtake evidence; lifecycle cash case.

06 / RENEW + TRANSITION

Explore circular growth with discipline.

Future materials and transition opportunities are screened for verified demand, permissions and bankability.

EX-14 FEASIBILITY

EarthCircular Bamboo

Engineered bamboo product and supply-chain screening for construction, furniture and industrial uses.

MEASURE

Product grade, certification, supply and unit economics.

EX-15 FEASIBILITY

EarthCircular Recovery

Battery and solar-module recycling partnership routes, feedstock mapping and material offtake screening.

MEASURE

Authorised operator route; volume; recovery economics.

EX-16 RESEARCH

EarthBio / Seaweed

Coastal biomass and seaweed R&D opportunity review with ecological and permitting safeguards.

MEASURE

Species/ecology fit; permissions; tested demand.

EX-17 RESEARCH

EarthTransition Hydrogen

Water, power, safety and environmental feasibility inputs for hydrogen developers with qualified partners.

MEASURE

Water-source viability; power case; environmental safeguards.

07 / AI-ENABLED SOLUTIONS

Intelligence for water + climate

15 AI-enabled modules designed to extend the 17-product portfolio, subject to data, engineering and customer validation.

AI-01 **EarthWater Twin** PILOT

WATER / MUNICIPAL UTILITIES

Digital asset models for treatment networks, lakes and reuse systems using validated hydraulic and operating data.

OUTPUT Digital twin / scenario comparison

AI-02 **EarthSTP Predict** PRIORITY

STP / INDUSTRIAL TREATMENT

Detect equipment anomalies, predict maintenance needs and recommend operating adjustments to engineers.

OUTPUT Equipment alerts / compliance risk / kWh per m3

AI-03 **EarthLeak Sentinel** PARTNER

WATER DISTRIBUTION / CAMPUSES

Analyse flow, pressure and metering anomalies to prioritise non-revenue-water and leak investigations.

OUTPUT Loss hotspot list / investigation priority

AI-04 **EarthLake Vision** PRIORITY

LAKES / WETLANDS / RIVERFRONTS

Combine satellite observations, photography, sampling and sensors to flag emerging water-quality and vegetation risks.

OUTPUT Evidence layers / sampling alerts / trends

AI-05 **EarthHeat Pulse** PRIORITY

CITIES / CAMPUSES / WORKSITES

Ground-calibrated heat-humidity hotspot mapping and forecast-informed operational planning.

OUTPUT Risk maps / alerts / measured thermal comfort

DATA FIRST: Baseline, lab/sensor quality, and pilot validation before automation.

08 / AI-ENABLED SOLUTIONS

Optimise buildings + infrastructure

Digital recommendations for cooling, clean air, asset inspection and ecology—verified by qualified professionals.

AI-06 **EarthFlood Twin** PARTNER

CITIES / CORRIDORS / DRAINAGE

Use rainfall, terrain and drainage data to screen flood-prone assets and test alternative response scenarios.

OUTPUT Exposure maps / drainage scenarios

AI-07 **EarthCool Optimizer** PARTNER

BUILDINGS / HOSPITALS / REAL ESTATE

Identify HVAC and passive-cooling opportunities from building data while preserving indoor health and comfort.

OUTPUT Cooling energy / comfort-hours / demand

AI-08 **EarthAir Intelligence** PARTNER

INDUSTRY / CITIES / LOGISTICS

Sensor QA, air-quality trend analysis, event detection and source-screening support with specialist validation.

OUTPUT Validated air-quality trends / investigation flags

AI-09 **EarthInspect Vision** PARTNER

CIVIL / WATER / TRANSPORT ASSETS

Computer-vision-assisted inspections of structures, equipment and site conditions from authorised imagery.

OUTPUT Inspection queue / condition trends

AI-10 **EarthNature Lens** PILOT

WETLANDS / BIODIVERSITY / GREEN ASSETS

Interpret aerial and field imagery for vegetation survival, invasive-species screening and habitat change.

OUTPUT Ground-checked survival / change indicators

HUMAN REVIEW: HSE, compliance and equipment decisions remain under authorised professionals.

09 / AI-ENABLED SOLUTIONS

Prove efficiency + guide decisions

Resource optimisation, sustainable supply chains and accountable environmental decision support.

AI-11 **EarthEnergy Flex** — PILOT

UTILITIES / INDUSTRY / BUILDINGS

Advise on pumps, aerators and site load scheduling to reduce energy costs under operational constraints.

OUTPUT Verified kWh savings / operational reliability

AI-12 **EarthFarm Guard** — RESEARCH

AGRICULTURE / COLD-CHAIN / MARKETS

Combine irrigation, meteorological and temperature data to flag water waste and spoilage exposure.

OUTPUT Water intensity / spoilage risk / kWh per tonne

AI-13 **EarthCircular Match** — RESEARCH

RECYCLERS / MANUFACTURING

Screen material-feedstock quality, licensed recovery routes and buyer/offtake matches.

OUTPUT Verified partners / feedstock and offtake evidence

AI-14 **EarthEvidence Copilot** — PRIORITY

PUBLIC AGENCIES / ESG / ASSET OWNERS

Draft traceable environmental performance reports from approved lab, sensor, field and contract records.

OUTPUT Source-linked reports / exception register

AI-15 **EarthWork Safe AI** — PARTNER

CONSTRUCTION / INDUSTRY / PUBLIC WORKS

Multilingual heat-safety briefing and escalation support with privacy safeguards and qualified HSE oversight.

OUTPUT Action acknowledgement / heat-exposure response

AI GOVERNANCE: Privacy, cyber security, drift monitoring and cost/energy impact are mandatory.

07 / INDUSTRY SOLUTIONS

Public assets + water systems

Sector-specific bundles for government departments, public utilities and restoration authorities.

01 URBAN LOCAL BODIES & SMART CITIES

Polluted waterbodies, flood stress, extreme heat and asset upkeep.

RELEVANT PRODUCTS

EB-04 · EW-01 · EN-02 · EH-05 · EI-09 · ED-10
AI FIT AI-04 / AI-05 / AI-06 / AI-14

Ward/asset baseline → prioritised water–heat–drainage resilience plan.

02 WATER UTILITIES & STP OPERATORS

Compliance, reuse demand, unexpected failures and inefficient O&M.

RELEVANT PRODUCTS

EW-01 · EO-03 · ED-10 · EE-11
AI FIT AI-01 / AI-02 / AI-03 / AI-14

Treatment process + O&M diagnostic with a reuse and lifecycle-cost pathway.

03 DEVELOPMENT AUTHORITIES & PUBLIC WORKS

Ageing parks, drainage, public assets and climate-sensitive capital works.

RELEVANT PRODUCTS

EN-02 · EI-09 · EH-05 · ER-13
AI FIT AI-05 / AI-06 / AI-09 / AI-14

Climate and environmental-asset risk assessment with costed interventions.

04 RIVER / WATERSHED & CONSERVATION PROGRAMMES

Water quality, habitat degradation, ecological flows and restoration aftercare.

RELEVANT PRODUCTS

EW-01 · EN-02 · ED-10 · ER-13
AI FIT AI-04 / AI-10 / AI-14

Hydrological and ecological baseline with outcome monitoring.

08 / INDUSTRY SOLUTIONS

Industrial + energy systems

An integrated response to emissions, energy security, heat, worker safety and asset downtime.

05 MANUFACTURING: STEEL, CEMENT, METALS, CHEMICALS

Water consumption, energy intensity, air pollutants and operating risk.

RELEVANT PRODUCTS

EA-08 · EE-11 · EW-01 · EO-03 · ED-10
AI FIT AI-02 / AI-08 / AI-11 / AI-14

Plant water–energy–air diagnostic with measured resource options.

06 ENERGY, SOLAR & POWER INFRASTRUCTURE

Cooling peaks, grid exposure, site water demands and energy-system durability.

RELEVANT PRODUCTS

EE-11 · EI-09 · ED-10 · ER-13 · EX-15
AI FIT AI-09 / AI-11 / AI-13

Energy–water resilience and end-of-life circularity screening.

07 TRANSPORT, LOGISTICS & INDUSTRIAL CORRIDORS

Heat exposure, air quality, surface flooding and downtime.

RELEVANT PRODUCTS

EH-05 · EW-07 · EA-08 · EI-09
AI FIT AI-05 / AI-08 / AI-09 / AI-15

Corridor / depot heat–air–drainage screening; specialist HSE response.

08 EPC, CONSTRUCTION & PUBLIC INFRASTRUCTURE

Outdoor workforce heat, construction impacts and project resilience.

RELEVANT PRODUCTS

EW-07 · EI-09 · ER-13 · EB-04
AI FIT AI-06 / AI-09 / AI-15

Project heat-safe worksite study and climate-resilience due diligence.

09 / INDUSTRY SOLUTIONS

Buildings, food + new materials

Target the real operating problem first; apply qualified specialists and measurable post-project evidence.

09 COMMERCIAL REAL ESTATE & TOWNSHIPS

Cooling bills, water reuse, landscape performance and heat-stressed precincts.

RELEVANT PRODUCTS

EC-06 · EW-01 · EN-02 · EH-05 · ED-10
AI FIT AI-04 / AI-05 / AI-07 / AI-11

Building/campus heat–water audit and integrated retrofit concept.

10 HOSPITALS, SCHOOLS & INSTITUTIONAL CAMPUSES

Occupant comfort, reliable cooling, water security and safe outdoor spaces.

RELEVANT PRODUCTS

EC-06 · EH-05 · EE-11 · EW-01 · EN-02
AI FIT AI-05 / AI-07 / AI-14 / AI-15

Critical heat exposure, safe-cooling and water reuse feasibility.

11 AGRICULTURE, FOOD MARKETS & COLD CHAIN

Heat-related spoilage, water scarcity, refrigeration losses and energy use.

RELEVANT PRODUCTS

EF-12 · EW-01 · EE-11 · ER-13
AI FIT AI-11 / AI-12

Loss and cooling efficiency baseline with phased engineering options.

12 MATERIALS, RECYCLERS, RESEARCH & FOUNDATIONS

Responsible material recovery, sustainable materials and field evidence.

RELEVANT PRODUCTS

EX-14 · EX-15 · EX-16 · EX-17 · ED-10
AI FIT AI-10 / AI-13 / AI-14

Feasibility-led consortia, licensed partner matching and monitored pilots.

10 / A CLEAR FIRST ENGAGEMENT

Four offers built around buyer decisions

Short, testable starting engagements designed to create a fundable technical scope—not a vague promise.

01

WATERBODY + BLUE-GREEN RECOVERY

Site hydrology and water quality, ecological baseline, treatment sources, maintenance design.

MEASURE: Water quality • habitat recovery • flood storage

BUYERS: Cities / development authorities

02

STP + INDUSTRIAL REUSE PERFORMANCE

Process review, lab sampling plan, breakdown and energy analysis, reuse-user pathway.

MEASURE: Effluent reliability • reuse m^3 • kWh/m^3

BUYERS: Utilities / manufacturing / institutions

03

HEAT-RESILIENT CAMPUS + WORKSITE

Heat-humidity exposure study, shade/roof/ventilation options, safe worker controls.

MEASURE: Thermal comfort • heat exposure • cooling energy

BUYERS: Hospitals / schools / developers / EPC

04

ENVIRONMENTAL INTELLIGENCE + MRV

Sensor/lab/GIS baseline, AI-supported anomaly triage, source-linked reports and human review.

MEASURE: Evidence coverage • response time • uptime

BUYERS: Asset owners / science / ESG teams

START / Discovery discussion → site scoping → technical methodology → proposal → authorised execution.

11 / CLIMATE PRIORITIES → PRODUCT RESPONSE

The full dialogue-to-solution map

A synthesis of 20 principal themes explored in the climate conversation; each connects to an actionable service or a qualified research decision.

01	Climate system and ecosystem imbalance	EB-04 / ER-13
02	Extreme floods and infrastructure shocks	EI-09 / EW-01
03	Agriculture and livelihood heat losses	EF-12 / EW-07
04	Warm nights and humidity	EH-05
05	Urban heat island and cooling demand	EC-06 / EH-05
06	Early warning and local risk planning	EH-05 / ED-10
07	AI and remote sensing for adaptation	ED-10
08	Air pollution and public health	EA-08
09	El Niño and seasonal risk variability	ER-13 / EW-01
10	Fossil dependence and energy security	EE-11
11	High-emitting industrial processes	EA-08 / EE-11
12	Mobility and urban air quality	EA-08 / EI-09
13	Climate justice and emissions evidence	ED-10 / ER-13
14	Clean-tech entrepreneurship and markets	EX-14 / EX-15
15	Solar geoengineering governance	Research watch only
16	Lessons from other global cities	EI-09 / EN-02
17	Battery and solar-panel circularity	EX-15
18	Bamboo, seaweed and new materials	EX-14 / EX-16
19	Hydrogen and transition pathways	EX-17
20	Cool roofs, shade and ventilation	EC-06

Scientific filter: measures must be site-specific. Open water may increase humidity or nighttime warmth; safe mechanical cooling remains necessary where health conditions demand it.

12 / RELIABLE DELIVERY

Capability + evidence + accountability

A multi-disciplinary operating model focused on lasting outcomes and responsible commercial execution.

01	02	03	04	05
ASSESS	**DESIGN**	**DELIVER**	**OPERATE**	**VERIFY**
Verified need, baseline, site constraints, options and affordability.	Qualified engineering, ecology, safety and permissions.	Scope, contracts, QA/QC, commissioning and technical sign-off.	Maintenance, uptime, training, corrective actions and reporting.	Lab/sensor QA, matched baselines, governance and lifecycle review.

ENGINEERING + AI ASSURANCE CONTROLS

01 **Evidence before prediction**

Define data ownership, source quality and matched baseline. No claim of measured impact without field evidence.

02 **Engineer-directed operations**

SCADA and critical system commands require authorised, appropriately qualified human sign-off.

03 **Independent challenge**

Log model uncertainty, false alarms, bias, drift, cyber/privacy risk and lifecycle AI energy cost.

04 **Commercial discipline**

Pilot on one site, establish real economic value, and pass the company G0–G4 investment gates.

DELIVERY PARTNERS

Research institutions / accredited laboratories / hydrologists / HVAC & safety specialists / IoT integrators / independent model validators

17 / EXECUTIVE LEADERSHIP

People accountable for delivery

A multidisciplinary executive approach: environmental entrepreneurship, experienced infrastructure leadership and public-sector accountability.

MN

MOHIT NARAIN

Founder & Chief Executive Officer

EDUCATION & PROFESSIONAL BACKGROUND

B.Tech, Medical Electronics Engineering, Dayananda Sagar College of Engineering, Bengaluru. Doctorate in Business Administration (in progress): Emerging Technologies & Generative AI, Golden Gate University, San Francisco. C-Suite Leadership Programme (in progress), Wharton Executive Education, University of Pennsylvania.

STRATEGIC RESPONSIBILITY

Vision 2035, strategic partnerships, environmental infrastructure, customer outcomes and management accountability.

SP

ER. SURYA PRAKASH

Vice-Chairman, Director & CTO

Former Executive Director, Delhi Metro Rail Corporation (DMRC). Civil Engineering alumnus, Delhi College of Engineering (DCE).

Engineering delivery, quality and safety.

KR

SHRI KASHI RAM

Director & Chief Compliance Officer

Former Director, Comptroller and Auditor General of India (CAG).

Governance, audit, risk and compliance.

CAPABILITY THAT MATTERS

The combination of engineering, governance and science is central to our operating method. Each intervention begins with verified site conditions and ends with measurable operating performance.

18 / DIGITAL, SECRETARIAL & ADVISORY

AI leadership meets accountable governance

Technical intelligence and independent perspectives support execution through defined roles and clear decision authority.

MP

MRIGAUNK PILLAI

AI Lead

MBA, Indian Institute of Management Calcutta (IIM Calcutta). B.Tech, Indian Institute of Technology Roorkee (IIT Roorkee).

AI product strategy, data engineering coordination, model assessment and human-supervised deployment.

AK

ANUJ KHARBANDA

Company Secretary & Compliance Officer

LL.B.; company secretarial and corporate compliance expertise.

Company law, statutory filings, Board records, governance processes and compliance coordination.

SN

SHOBHIT NARAIN

Voluntary Advisor — Business Intelligence

Global Head, Business Intelligence, Meta. Computer Science Engineering alumnus, Delhi Technological University (DTU).

Voluntary, non-executive strategic input on business intelligence, analytics and scale systems.

SV

SMT. SANJU LATA VERMA

Non-Executive Director

Experienced public-sector education administrator, retired from Delhi Government service.

Organisational learning, institutional development, education and people governance.

Voluntary advice is personal and non-executive; company commitments remain with authorised management and corporate bodies.

14 / COMPANY MILESTONES

Engagement with sustainability

Selected images from the previously supplied Environmentors gallery and event records.



SPEAKING ENGAGEMENT

Circular-economy programme, New Delhi, 31 January 2023.



KNOWLEDGE EXCHANGE

Sustainability panel discussion, New Delhi, January 2023.



PARTICIPANT NETWORK

Circular economy and the SDGs, 2023



PROGRAMME MOMENT

Sustainability programme, 2023

15 / CORPORATE MILESTONES

Recognition + public engagement

Selected historical recognition and event photographs from the company gallery.



DUBAI, JANUARY 2023

Global Leaders Awards, 2022 enterprise edition: presentation photograph.



RECOGNITION PROGRAMME, 2023

Topnotch awards programme: on-stage presentation.



HISTORICAL AWARDS

Global Safety Summit award displays, 2020 and 2021–22.



CLIMATE EDUCATION, 2024

Participation in a national climate-education consultation.

16 / RESEARCH + CONTACT

Begin with one measurable challenge

Research-led propositions, carefully scoped partnerships and practical next steps for each sector.

RESEARCH BASIS

[1] Raj Shamani / Arunabha Ghosh — climate dialogue, FO580 (2026)

[2] CEEW — How Extreme Heat Is Impacting India (2025)

[3] IEA — India's Electricity Demand Grows at Night (2026)

[4] World Bank — Towards Resilient and Prosperous Cities in India (2025)

[5] UNEP — Global Cooling Watch (2025)

[6] World Bank — Scaling Water Reuse

[7] ILO — Heat at Work: Safety and Health (2024)

[8] IEA — Recycling of Critical Minerals (2024)

[9] CEEW — India in a Warming World: Heat-Health Action (2026)

[10] CCPA / PIB — Guidelines on Environmental Claims (2024)

[11] World Bank — Digital Water programme

[12] JICA — Digital Transformation for Water Utilities (2025)

[13] NIST — AI Risk Management Framework

WHAT HAPPENS NEXT

1 Share a defined site or operational challenge.

2 Review available evidence and AI-data maturity.

3 Agree a validated pilot and measurable delivery pathway.

LET US EVALUATE THE NEXT ENVIRONMENTAL OUTCOME.

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