

FULMINARE GLOBAL IMPACT MATRIX + SDG HUB

25 Projects - One Netlify Page - Global Donor, CSR and Grantmaker UI Specification

DEVELOPER MANDATE

Build one page only. Canonical URL: /framework. Menu: Resources > SDG Hub. Old/planned /global-impact-matrix may 301 redirect to /framework. No project form. Each project uses one reusable card and one reusable expandable detail panel. Only a donation/support button may appear, and it must carry the project code. Every project must display a Bihar-first rural ground focus plus a proposed replication corridor. Exact village names are published only after field verification.

1. Exact one-page layout

Order	Section	Developer action
1	Hero	H1: Global Impact Matrix & SDG Hub. Show the 25-project portfolio, Bihar-first rural geography, wider India replication corridor, implementation entity, global partnership support and legal-safe status.
2	6-Sector SDG Grid	Dark 3-column desktop / 1-column mobile grid. Each sector card links to its filtered project set on the same page.
3	Filter chips	All; Education & Technology; Healthcare; Climate & Water; Agriculture & Livelihoods; Animal Welfare & Resilience; Inclusion.
4	25 Project cards	Desktop 3 columns, tablet 2, mobile 1. Card click opens one reusable details drawer/accordion - no 25 separate templates required.
5	Donation action	One button per project: Support This Project. Pass project_code and approved fund route to the existing donation handler.
6	Evidence/legal strip	Standard employer-match, volunteering, evidence and legal notices at page bottom.

2. Reusable component set - keep work light

Component	Use
ImpactMatrixPage	One page shell, hero, filters, SDG grid and project list.
SdgSectorCard	One component reused 6 times; icon, SDGs, sector title, 3 track bullets and linked project codes.
ProjectCard	Project code, title, tag, Ground Focus, SDG chips, 2-line summary, status and View Details.
ProjectDetails	Expandable panel with Ground Geography, SDG result path, activities, corporate/funder fit, keywords, status note and donation button.
DonationButton	Single handler. Example data attributes: data-project-code='P01' data-fund-route='INDIA_APPROVED_ROUTE'.

PUBLIC CLAIM RULE

Strong design must come from clarity, verified status, evidence links and measurable structure - not hidden crawler text, guaranteed ranking, fake scarcity, automatic matching, unverified SSE/CAF claims or exaggerated beneficiary numbers. All SEO/entity phrases must be visible, factual and consistent with the page.

3. SDG Hub - 6-Sector Integrated Grid

URL section anchor: /framework#sdg-hub | Layout: 3 columns desktop, 1 column mobile | Dark navy container, white cards or deep-blue cards with gold/green accents.

01 EDUCATION & INNOVATION FUTURE SKILLS & RURAL LEARNING GRID SDG 4 • SDG 5 • SDG 8 • SDG 9 • SDG 10 • AI and coding access for rural girls and youth. • Higher-education scholarships and technical-skills pathways. • Space, satellite, electronics and village digital-learning infrastructure. LINKED PROJECTS: P01, P02, P03, P04, P05, P20, P24 BUTTON: VIEW SECTOR PROJECTS	02 HEALTH & EMERGENCY RURAL CLINICAL ACCESS & EMERGENCY RESPONSE GRID SDG 3 • SDG 5 • SDG 9 • SDG 10 • SDG 11 • Mobile health, referral and emergency transport coordination. • Secure telehealth, maternal-health and child-nutrition pathways. • Responsible medical-drone feasibility and senior-care support. LINKED PROJECTS: P06, P07, P08, P09, P10, P23 BUTTON: VIEW SECTOR PROJECTS	03 ENVIRONMENT & DECARBONIZATION NET-ZERO CLIMATE, WATER & RESILIENCE GRID SDG 6 • SDG 7 • SDG 9 • SDG 11 • SDG 12 • SDG 13 • SDG 15 • Solar microgrids and reliable community-service energy. • Water purification, WASH and resource-efficiency systems. • Forest restoration, disaster preparedness and responsible clean-energy research. LINKED PROJECTS: P11, P12, P13, P14, P15, P22 BUTTON: VIEW SECTOR PROJECTS
04 ANIMAL WELFARE & ECOSYSTEMS COMPASSIONATE ANIMAL & ECOSYSTEM CARE GRID SDG 3 • SDG 11 • SDG 15 • Qualified mobile veterinary outreach and referral support. • Preventive care, vaccination awareness and humane treatment. • Biodiversity stewardship and community One Health awareness. LINKED PROJECTS: P15, P21 BUTTON: VIEW SECTOR PROJECTS	05 RURAL LIVELIHOODS & ECONOMICS RURAL ENTERPRISE & AGRO-ECONOMY GRID SDG 1 • SDG 2 • SDG 5 • SDG 7 • SDG 8 • SDG 10 • SDG 12 • SDG 13 • Precision agriculture, soil health and climate-smart practices. • Artisan market access, women-led enterprise and technical-skills pathways. • Solar cold-chain systems and integrated rural livelihood planning. LINKED PROJECTS: P16, P17, P18, P19, P20, P25 BUTTON: VIEW SECTOR PROJECTS	06 SOCIAL INCLUSION & GENDER EQUALITY INCLUSIVE EDUCATION & HUMAN DIGNITY GRID SDG 3 • SDG 4 • SDG 5 • SDG 8 • SDG 10 • SDG 11 • SDG 17 • Education and technology pathways for girls and first-generation learners. • Maternal health, senior dignity, disability inclusion and child wellbeing. • Community participation, partnerships and accountable integrated development. LINKED PROJECTS: P01, P02, P09, P10, P17, P18, P20, P23, P24, P25 BUTTON: VIEW SECTOR PROJECTS

4. SDG design and AI/search clarity rules

Rule	Exact implementation
Visible SDG chips	Use text labels such as SDG 4 - Quality Education; do not rely only on color or icon.
One-line result pathway	Every project displays a factual path: Activity -> Output -> Intended outcome -> SDG contribution. Do not claim causation without evidence.
Semantic HTML	Use section, article, h2/h3, ul/li and accessible buttons. Each project receives a unique anchor ID.
No hidden crawler strings	Do not hide SSE, FCRA, CAF or platform claims. Publish a verification badge only after proof, with last_verified_date and source link.
Search language	Use natural phrases from the project content. Avoid keyword stuffing, 'world's best', guaranteed donor conversion or algorithm-domination claims.

CLUSTER A - Advanced Computational Infrastructure and Education

Each card below uses the same reusable component. Card click opens the same in-page details drawer; no separate project form or separate design is required.

P01 Girls' Education • AI Learning Rural Girls Generative AI Learning Nodes SDG BADGES: SDG 4 - Quality Education SDG 5 - Gender Equality SDG 9 - Industry, Innovation and Infrastructure GROUND FOCUS (PROPOSED): Bihar priority - rural girls' school and community clusters in Rohtas, Kaimur, Buxar, Bhojpur and Gaya; replication after baseline in eastern Uttar Pradesh, Jharkhand, Madhya Pradesh and West Bengal. SDG RESULT PATH: Access to technology -> safe digital skills -> girls' participation -> future-skills readiness. PROJECT MODEL: Expanding safe and practical technology access for rural girls through supervised coding, digital-literacy and introductory generative-AI learning. The project combines shared technology infrastructure, trained educators, digital safety and measurable learning outcomes. ACTIVITIES: Digital literacy, basic coding, responsible AI learning, teacher support, supervised technology sessions and career exposure. CORPORATE / FUNDER FIT: Virtual STEM mentoring, curriculum review, digital-safety workshops and approved technology donations. Education funders • Technology CSR • Skills-based volunteering SEARCH TERMS: Generative AI Education, STEM for Girls, Coding for Girls, Rural Digital Literacy, Technology Access, AI Foundations, Digital Inclusion, Rural India DONATION BUTTON: Support Rural Girls in Technology	P02 Scholarships • College Access Computer Science Higher Education Scholarships SDG BADGES: SDG 4 - Quality Education SDG 5 - Gender Equality SDG 10 - Reduced Inequalities GROUND FOCUS (PROPOSED): Bihar priority - first-generation students from Rohtas, Kaimur, Buxar, Bhojpur, Aurangabad and Gaya; wider verified scholarship selection across eastern Uttar Pradesh, Jharkhand, Madhya Pradesh and West Bengal. SDG RESULT PATH: Financial access -> study continuity -> degree progress -> career readiness for first-generation learners. PROJECT MODEL: Supporting eligible first-generation students pursuing computer science, technology and related higher-education pathways. Assistance may include verified education expenses, mentoring, career guidance and documented academic follow-up. ACTIVITIES: Scholarship selection, education-cost verification, mentoring, academic monitoring and career-readiness support. CORPORATE / FUNDER FIT: Employee-funded scholarships, career mentoring, interview preparation and technical learning sessions. Education funders • Technology CSR • Skills-based volunteering SEARCH TERMS: Computer Science Scholarship, First-Generation Students, Higher Education Access, Student Financial Aid, Girls in Technology, College Scholarship India, Education Equity DONATION BUTTON: Help a Student Continue Higher Education
P03 Space Education • STEM Space and Satellite STEM Learning Labs SDG BADGES: SDG 4 - Quality Education SDG 9 - Industry, Innovation and Infrastructure GROUND FOCUS (PROPOSED): Bihar priority - village schools in the Rohtas-Kaimur-Buxar corridor; replication corridors may include Sonbhadra/Mirzapur (UP), Palamu/Garhwa (Jharkhand), Rewa/Satna (MP) and Purulia/Bankura (West Bengal). SDG RESULT PATH: STEM exposure -> practical science inquiry -> mentor connection -> rural innovation confidence. PROJECT MODEL: Introducing rural students to astronomy, satellite applications, robotics and space science through age-appropriate learning clubs, practical demonstrations and mentor-led activities. ACTIVITIES: Astronomy sessions, telescope demonstrations, satellite-data awareness, science projects and introductory robotics. CORPORATE / FUNDER FIT: Virtual scientist talks, STEM mentoring, project review and educational-equipment support. Education funders • Technology CSR • Skills-based volunteering SEARCH TERMS: Space Education, Satellite Literacy, Astronomy Clubs, Rural STEM, Robotics Learning, Telescope Education, Science Clubs, Youth Innovation DONATION BUTTON: Bring Space Science to Rural Students	P04 Electronics • Technical Skills Microprocessor, Electronics and Mechatronics Hubs SDG BADGES: SDG 4 - Quality Education SDG 8 - Decent Work and Economic Growth SDG 9 - Industry, Innovation and Infrastructure GROUND FOCUS (PROPOSED): Bihar priority - technical-learning hubs for rural youth in Rohtas, Kaimur, Buxar, Bhojpur and Aurangabad; later replication in selected rural districts of UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Electronics foundations -> applied prototyping -> technical orientation -> employability pathways. PROJECT MODEL: Creating progressive learning pathways in electronics, microcontrollers, robotics and introductory embedded systems for rural youth. Advanced technical modules will be introduced only through qualified partners and approved curricula. ACTIVITIES: Circuit basics, electronics prototyping, microcontroller learning, robotics projects and technical-career orientation. CORPORATE / FUNDER FIT: Engineering mentorship, equipment review, curriculum support and virtual project demonstrations. Education funders • Technology CSR • Skills-based volunteering SEARCH TERMS: Electronics Education, Microcontrollers, Embedded Systems, Mechatronics Training, Robotics Skills, Technical Education, Rural Youth Skills, Semiconductor Awareness DONATION BUTTON: Build Practical Technology Skills
P05 Digital Library • Community Learning Connected Village Digital Libraries SDG BADGES: SDG 4 - Quality Education SDG 9 - Industry, Innovation and Infrastructure SDG 10 - Reduced Inequalities GROUND FOCUS (PROPOSED): Bihar priority - village learning centres beginning in Rohtas, including Kargahar and Sasaram rural clusters, then Kaimur, Buxar and Bhojpur; scale only after community and connectivity assessment. SDG RESULT PATH: Shared learning access -> reading and digital participation -> teacher support -> reduced rural learning gaps. PROJECT MODEL: Developing shared village learning spaces combining books, approved digital resources, supervised internet access, teacher support and community education sessions. ACTIVITIES: Reading access, digital resources, after-school learning, teacher-network development and community knowledge sessions. CORPORATE / FUNDER FIT: Book drives, digital-content review, remote tutoring and employee-led reading sessions. Education funders • Technology CSR • Skills-based volunteering SEARCH TERMS: Digital Village Library, Community Learning Center, Rural Internet Access, Reading Programs, Teacher Network, EdTech India, Digital Inclusion, Rural Education DONATION BUTTON: Connect a Village to Learning	STANDARD DISPLAY RULE No unverified beneficiary count, budget, location, technology deployment, tax claim or guaranteed outcome. Project status, evidence availability and donation route must come from approved records. Proposed Ground Focus is a planning geography, not proof of current operation; Active status requires a dated field record and evidence link.

CLUSTER B - Healthcare and Emergency Response

Each card below uses the same reusable component. Card click opens the same in-page details drawer; no separate project form or separate design is required.

P06 Rural Health • Mobile Care Mobile Critical Care and Rural Clinical Fleet SDG BADGES: SDG 3 - Good Health and Well-Being SDG 10 - Reduced Inequalities SDG 11 - Sustainable Cities and Communities GROUND FOCUS (PROPOSED): Bihar priority - the Sasaram-Rohtas-Kaimur-Buxar rural health corridor, with referral links toward Bhojpur; later replication in adjoining eastern UP and Jharkhand after route and clinical-partner validation. SDG RESULT PATH: Mobile outreach -> timely screening/referral -> improved access -> stronger rural health resilience. PROJECT MODEL: Improving access to basic health services, emergency referrals and medically supervised outreach through appropriately equipped mobile units and qualified healthcare partners. ACTIVITIES: Health awareness, approved basic screening, referral support, mobile outreach and emergency-transport coordination. CORPORATE / FUNDER FIT: Medical-equipment support, health volunteering, operational sponsorship and employee health-awareness campaigns. Health foundations • Medical CSR • Emergency-access partners SEARCH TERMS: Mobile Medical Unit, Rural Healthcare, Ambulance Support, Emergency Referral, Community Health, Medical Outreach, Healthcare Access India DONATION BUTTON: Support Rural Health Access	P07 Telemedicine • Digital Health Secure Telehealth Access Terminals SDG BADGES: SDG 3 - Good Health and Well-Being SDG 9 - Industry, Innovation and Infrastructure SDG 10 - Reduced Inequalities GROUND FOCUS (PROPOSED): Bihar priority - underserved village clusters in Rohtas, Kaimur, Gaya, Jamui and Banka; later replication in remote rural districts of UP, Jharkhand, MP and West Bengal after connectivity and privacy assessment. SDG RESULT PATH: Supervised digital consultation -> coordinated referral -> continuity of care -> reduced access inequality. PROJECT MODEL: Connecting underserved communities with qualified health professionals through supervised teleconsultation, basic diagnostic support and coordinated medical referrals. ACTIVITIES: Teleconsultation access, health-worker support, referral management, privacy protection and non-sensitive service tracking. CORPORATE / FUNDER FIT: Cybersecurity review, user-interface testing, approved equipment support and health-data governance guidance. Health foundations • Medical CSR • Emergency-access partners SEARCH TERMS: Telemedicine India, Digital Health Access, Rural Clinics, Medical Consultation, Health Technology, Preventive Healthcare, Patient Referral DONATION BUTTON: Connect Communities to Medical Advice
P08 Health Innovation • Feasibility Emergency Medical Drone Logistics Feasibility Program SDG BADGES: SDG 3 - Good Health and Well-Being SDG 9 - Industry, Innovation and Infrastructure SDG 11 - Sustainable Cities and Communities GROUND FOCUS (PROPOSED): Bihar priority - feasibility around the Kaimur hills and Rohtas plateau; possible replication study in Sonbhadra (UP), Palamu/Latehar (Jharkhand), Sidhi/Singrauli (MP) and Purulia (West Bengal), subject to aviation approvals. SDG RESULT PATH: Regulatory feasibility -> route and safety validation -> responsible pilot readiness -> last-mile health innovation. PROJECT MODEL: Evaluating whether legally compliant drone logistics could support delivery of approved lightweight medical supplies in difficult-to-reach areas. ACTIVITIES: Feasibility assessment, regulatory review, route planning, health-partner consultation, risk analysis and pilot preparation. CORPORATE / FUNDER FIT: Aviation expertise, logistics consulting, mapping support, legal-compliance guidance and pilot-design review. Health foundations • Medical CSR • Emergency-access partners SEARCH TERMS: Medical Drone Feasibility, Emergency Logistics, Last-Mile Healthcare, Rural Medical Supplies, UAV Health Innovation, Disaster Logistics STATUS / SAFETY: Concept and feasibility stage. No autonomous medical-drone operation is currently claimed. DONATION BUTTON: Support Responsible Health Innovation	P09 Maternal Health • Community Care Maternal Health Digital Monitoring and Referral SDG BADGES: SDG 3 - Good Health and Well-Being SDG 5 - Gender Equality GROUND FOCUS (PROPOSED): Bihar priority - maternal-health village clusters in Rohtas, Kaimur, Buxar, Aurangabad and Gaya; later replication through qualified health partners in eastern UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Maternal awareness -> consent-based monitoring -> timely referral -> safer health pathways for women. PROJECT MODEL: Supporting maternal wellbeing through health education, approved basic monitoring, nutrition awareness and timely referral to qualified healthcare facilities. ACTIVITIES: Community education, antenatal-awareness sessions, referral coordination, consent-based monitoring and follow-up. CORPORATE / FUNDER FIT: Health-content review, women's-health campaigns, approved diagnostic support and employee volunteering. Health foundations • Medical CSR • Emergency-access partners SEARCH TERMS: Maternal Health, Pregnancy Care, Rural Women's Health, Nutrition Awareness, Community Health Worker, Medical Referral, Preventive Screening DONATION BUTTON: Support Safer Maternal Health Pathways
P10 Elderly Care • Healthy Ageing Senior Citizen Chronic Care and Dignity Support SDG BADGES: SDG 3 - Good Health and Well-Being SDG 10 - Reduced Inequalities SDG 11 - Sustainable Cities and Communities GROUND FOCUS (PROPOSED): Bihar priority - vulnerable senior citizens in rural Rohtas, Bhojpur, Buxar, Gaya and Nalanda; community-care replication may follow in selected villages of UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Nutrition and wellbeing support -> referral and companionship -> dignity -> inclusive healthy ageing. PROJECT MODEL: Promoting dignity, safety and social connection for vulnerable senior citizens through health referrals, nutrition assistance, companionship and community-based care support. ACTIVITIES: Wellbeing visits, nutrition support, referral assistance, social activities and caregiver awareness. CORPORATE / FUNDER FIT: Employee companionship programs, senior digital-literacy support, health campaigns and essential-care sponsorship. Health foundations • Medical CSR • Emergency-access partners SEARCH TERMS: Senior Citizen Support, Healthy Ageing, Elderly Care India, Chronic Care Awareness, Dignity Living, Community Companionship DONATION BUTTON: Help Senior Citizens Age with Dignity	STANDARD DISPLAY RULE No unverified beneficiary count, budget, location, technology deployment, tax claim or guaranteed outcome. Project status, evidence availability and donation route must come from approved records. Proposed Ground Focus is a planning geography, not proof of current operation; Active status requires a dated field record and evidence link.

CLUSTER C - Clean Energy, Water and Climate Resilience

Each card below uses the same reusable component. Card click opens the same in-page details drawer; no separate project form or separate design is required.

P11 Solar Energy • Infrastructure Off-Grid Solar Microgrids for Community Facilities SDG BADGES: SDG 7 - Affordable and Clean Energy SDG 9 - Industry, Innovation and Infrastructure SDG 13 - Climate Action GROUND FOCUS (PROPOSED): Bihar priority - eligible schools, health points and community facilities in Rohtas, Kaimur, Gaya and Aurangabad; later replication in energy-constrained rural facilities across UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Energy assessment -> renewable installation -> reliable community services -> lower operational vulnerability. PROJECT MODEL: Improving electricity reliability for eligible community learning, health and service facilities through technically assessed solar-energy systems. ACTIVITIES: Energy assessment, system design, solar installation, safety measures, maintenance planning and energy-output reporting. CORPORATE / FUNDER FIT: Renewable-energy expertise, equipment sponsorship, technical review and employee climate campaigns. Climate funds • ESG programs • Engineering and research partners SEARCH TERMS: Solar Microgrid, Rural Electrification, Clean Energy Access, Off-Grid Solar, Community Facilities, Energy Resilience, Renewable Energy India DONATION BUTTON: Power a Community Facility with Clean Energy P13 Net-Zero • Community Resilience Net-Zero Community Utility Microgrids SDG BADGES: SDG 7 - Affordable and Clean Energy SDG 11 - Sustainable Cities and Communities SDG 13 - Climate Action GROUND FOCUS (PROPOSED): Bihar priority - phased community-facility pilots in Rohtas and Kaimur village clusters; replication across selected rural sites in UP, Jharkhand, MP and West Bengal only after baseline and engineering validation. SDG RESULT PATH: Baseline measurement -> efficiency and renewable integration -> resource monitoring -> verifiable decarbonization pathway. PROJECT MODEL: Developing a phased community-resilience model combining energy efficiency, renewable electricity, water conservation and responsible resource management. ACTIVITIES: Baseline assessment, efficiency planning, renewable-energy integration, water conservation and verified resource monitoring. CORPORATE / FUNDER FIT: ESG advisory, engineering review, energy monitoring, sustainability mentoring and infrastructure sponsorship. Climate funds • ESG programs • Engineering and research partners SEARCH TERMS: Net-Zero Infrastructure, Energy Efficiency, Water Resilience, Sustainable Campus, Community Microgrid, Climate Resilience, Decarbonization STATUS / SAFETY: Net-zero claims will be published only after verified baseline and engineering assessment. DONATION BUTTON: Build Resilient Community Infrastructure P15 Biodiversity • Forest Restoration Miyawaki Forest Restoration and Digital Ecology Monitoring SDG BADGES: SDG 13 - Climate Action SDG 15 - Life on Land GROUND FOCUS (PROPOSED): Bihar priority - suitable restoration sites in the Rohtas-Kaimur landscape and selected Gaya-Nawada villages; later biodiversity corridors may include Jharkhand, eastern MP, eastern UP and western West Bengal. SDG RESULT PATH: Native planting -> stewardship -> survival monitoring -> biodiversity and climate resilience. PROJECT MODEL: Restoring suitable land through native planting, community stewardship and multi-year survival monitoring supported by responsible digital mapping. ACTIVITIES: Site assessment, native-species selection, plantation, maintenance, survival tracking and biodiversity observation. CORPORATE / FUNDER FIT: Tree-planting campaigns, GIS support, ecological-data review and employee volunteering. Climate funds • ESG programs • Engineering and research partners SEARCH TERMS: Miyawaki Forest, Native Tree Plantation, Biodiversity Restoration, Forest Monitoring, Urban Forestry, Climate Action, Tree Survival Tracking STATUS / SAFETY: No carbon-credit or token claim will be made without an approved verification methodology. DONATION BUTTON: Restore Native Biodiversity

P12 Clean Water • WASH Solar-Assisted Water Purification and WASH Stations SDG BADGES: SDG 3 - Good Health and Well-Being SDG 6 - Clean Water and Sanitation SDG 12 - Responsible Consumption and Production GROUND FOCUS (PROPOSED): Bihar priority - water-stressed village clusters in Rohtas, Kaimur, Gaya and Nalanda; later assessment in Bundelkhand (UP/MP), Palamu-Garhwa (Jharkhand) and Purulia-Bankura (West Bengal). SDG RESULT PATH: Water assessment -> treatment and hygiene education -> safer use -> community WASH resilience. PROJECT MODEL: Supporting safer water access and improved hygiene through locally appropriate purification systems, water-quality monitoring and community WASH education. ACTIVITIES: Water assessment, filtration-system installation, hygiene awareness, maintenance training and water-quality checks. CORPORATE / FUNDER FIT: Water-engineering support, equipment sponsorship, WASH volunteering and monitoring-system guidance. Climate funds • ESG programs • Engineering and research partners SEARCH TERMS: Clean Water Access, Water Purification, WASH India, Rural Sanitation, Hygiene Education, Solar Water System, Community Water DONATION BUTTON: Provide Safer Water to Rural Communities P14 Clean Energy Research • Feasibility Community Bio-Hydrogen Research and Demonstration SDG BADGES: SDG 7 - Affordable and Clean Energy SDG 9 - Industry, Innovation and Infrastructure SDG 13 - Climate Action GROUND FOCUS (PROPOSED): Bihar priority - research and controlled demonstration planning near agricultural and biomass clusters in Rohtas, Bhojpur and Gaya; future partner-led studies may extend to UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Research partnership -> technical and safety feasibility -> controlled demonstration -> responsible clean-energy learning. PROJECT MODEL: Exploring the technical, environmental and financial feasibility of small-scale bioenergy and clean-hydrogen demonstration systems with qualified research and engineering partners. ACTIVITIES: Feasibility research, technology assessment, safety review, partner development and controlled demonstration planning. CORPORATE / FUNDER FIT: Research partnership, engineering mentoring, laboratory collaboration and climate-innovation support. Climate funds • ESG programs • Engineering and research partners SEARCH TERMS: Green Hydrogen Research, Bioenergy, Clean Energy Innovation, Rural Energy Research, Biomass Technology, Climate Technology STATUS / SAFETY: Research concept only. No operational hydrogen-production claim is made. DONATION BUTTON: Support Responsible Clean-Energy Research

STANDARD DISPLAY RULE No unverified beneficiary count, budget, location, technology deployment, tax claim or guaranteed outcome. Project status, evidence availability and donation route must come from approved records. Proposed Ground Focus is a planning geography, not proof of current operation; Active status requires a dated field record and evidence link.
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CLUSTER D - Smart Agriculture, Enterprise and Employment

Each card below uses the same reusable component. Card click opens the same in-page details drawer; no separate project form or separate design is required.

P16 AgriTech • Farmer Livelihood Precision Agriculture and Soil Sensor Network SDG BADGES: SDG 2 - Zero Hunger SDG 8 - Decent Work and Economic Growth SDG 13 - Climate Action GROUND FOCUS (PROPOSED): Bihar priority - farmer clusters in Rohtas, Kaimur, Buxar, Bhojpur and Nalanda; later demonstration networks may extend to eastern UP, Jharkhand, MP and West Bengal after soil and crop assessment. SDG RESULT PATH: Soil knowledge -> demonstration and sensor literacy -> better farm decisions -> resilient livelihoods. PROJECT MODEL: Helping farmers make better crop, soil and water decisions through training, soil-health awareness and appropriate sensor-supported demonstrations. ACTIVITIES: Soil testing, farmer training, demonstration plots, water-efficiency guidance and responsible technology adoption. CORPORATE / FUNDER FIT: Agricultural mentoring, sensor review, data-literacy support and employee farmer-engagement programs. Livelihood funders • Agriculture CSR • Market-access partners SEARCH TERMS: Precision Agriculture, Soil Testing, NPK Awareness, Smart Farming, Farmer Training, Climate-Smart Agriculture, AgriTech India DONATION BUTTON: Help Farmers Adopt Climate-Smart Practices	P17 Artisans • Market Linkage Rural Artisan B2B Market Access Network SDG BADGES: SDG 5 - Gender Equality SDG 8 - Decent Work and Economic Growth SDG 10 - Reduced Inequalities GROUND FOCUS (PROPOSED): Bihar priority - artisan and women-producer clusters in Rohtas, Bhojpur, Gaya, Bhagalpur and Madhubani; responsible market-linkage replication may extend to rural UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Product readiness -> digital visibility -> responsible buyer linkage -> improved artisan income opportunity. PROJECT MODEL: Supporting rural artisans and women-led producer groups with product development, pricing, packaging, digital visibility and responsible market linkage. ACTIVITIES: Business training, product cataloguing, pricing support, packaging development and buyer connections. CORPORATE / FUNDER FIT: Marketing mentorship, procurement-readiness review, design support and employee marketplace campaigns. Livelihood funders • Agriculture CSR • Market-access partners SEARCH TERMS: Rural Artisans, B2B Marketplace, Women Entrepreneurs, Craft Economy, Market Access, E-commerce Training, Supply Chain Inclusion DONATION BUTTON: Connect Rural Producers to Markets
P18 Women's Livelihood • Enterprise Women's Enterprise Support and Responsible Capital SDG BADGES: SDG 1 - No Poverty SDG 5 - Gender Equality SDG 8 - Decent Work and Economic Growth GROUND FOCUS (PROPOSED): Bihar priority - women-led SHGs and micro-enterprises in Rohtas, Kaimur, Buxar, Gaya and Jamui; later policy-governed replication in rural UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Transparent selection -> capability and equipment support -> enterprise monitoring -> women's economic participation. PROJECT MODEL: Providing structured livelihood assistance, equipment support, training or policy-governed enterprise grants to eligible women-led initiatives. ACTIVITIES: Transparent selection, business planning, financial literacy, equipment support, mentoring and livelihood monitoring. CORPORATE / FUNDER FIT: Business advisory, financial-literacy mentoring, market-readiness support and responsible sponsorship. Livelihood funders • Agriculture CSR • Market-access partners SEARCH TERMS: Women-Led Enterprise, Livelihood Grants, Financial Inclusion, Rural Business, Women's Economic Empowerment, Enterprise Support STATUS / SAFETY: The program will not be described as equity or investment unless legally structured and formally approved. DONATION BUTTON: Invest in Women's Economic Opportunity	P19 Food Security • Cold Chain Solar-Powered Post-Harvest Cold Chain SDG BADGES: SDG 2 - Zero Hunger SDG 7 - Affordable and Clean Energy SDG 12 - Responsible Consumption and Production GROUND FOCUS (PROPOSED): Bihar priority - horticulture and vegetable-producing village clusters in Rohtas, Kaimur, Nalanda and Vaishali; later cold-chain assessment in eastern UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Post-harvest assessment -> clean-energy storage -> loss monitoring -> stronger farmer income and food systems. PROJECT MODEL: Reducing avoidable post-harvest loss through appropriately designed solar-powered storage, farmer training and local market-linkage systems. ACTIVITIES: Crop and demand assessment, storage planning, solar integration, farmer training, maintenance and loss monitoring. CORPORATE / FUNDER FIT: Cold-chain engineering, solar expertise, supply-chain advisory and infrastructure sponsorship. Livelihood funders • Agriculture CSR • Market-access partners SEARCH TERMS: Solar Cold Storage, Post-Harvest Loss, Farmer Income, Rural Supply Chain, Food Preservation, Clean Energy Agriculture DONATION BUTTON: Reduce Food Loss and Strengthen Farmer Income
P20 Skills • Employment Technical Skills, Apprenticeship and Placement Pathways SDG BADGES: SDG 4 - Quality Education SDG 8 - Decent Work and Economic Growth SDG 10 - Reduced Inequalities GROUND FOCUS (PROPOSED): Bihar priority - rural youth pathways in Rohtas, Kaimur, Buxar, Bhojpur, Gaya and Aurangabad; apprenticeship and skills replication may extend to selected districts of UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Skills assessment -> technical and workplace training -> apprenticeship support -> employment readiness. PROJECT MODEL: Preparing underserved youth for employment and self-employment through technical skills, digital confidence, workplace readiness and apprenticeship pathways. ACTIVITIES: Skills assessment, technical training, communication skills, apprenticeship support, interview preparation and placement tracking. CORPORATE / FUNDER FIT: Career mentoring, mock interviews, apprenticeship partnerships and technical curriculum review. Livelihood funders • Agriculture CSR • Market-access partners SEARCH TERMS: Vocational Training, Technical Skills, Apprenticeship, Job Readiness, Youth Employment, Career Placement, Rural Youth DONATION BUTTON: Create Career Pathways for Rural Youth	STANDARD DISPLAY RULE No unverified beneficiary count, budget, location, technology deployment, tax claim or guaranteed outcome. Project status, evidence availability and donation route must come from approved records. Proposed Ground Focus is a planning geography, not proof of current operation; Active status requires a dated field record and evidence link.

CLUSTER E - Animal Welfare, Resilience and Inclusive Development

Each card below uses the same reusable component. Card click opens the same in-page details drawer; no separate project form or separate design is required.

P21 Animal Welfare • Veterinary Access Mobile Veterinary Critical Care and Animal Welfare SDG BADGES: SDG 3 - Good Health and Well-Being SDG 15 - Life on Land GROUND FOCUS (PROPOSED): Bihar priority - veterinary outreach across Rohtas, Kaimur, Buxar and Bhojpur village clusters; later humane-care networks may extend to adjoining rural UP, Jharkhand, MP and West Bengal. SDG RESULT PATH: Qualified veterinary outreach -> preventive care and referral -> humane treatment -> One Health awareness. PROJECT MODEL: Improving access to basic veterinary outreach, preventive care, referral support and animal-welfare awareness through qualified veterinary professionals and responsible mobile services. ACTIVITIES: Veterinary outreach, vaccination awareness, basic care, referral support, animal-welfare education and emergency coordination. CORPORATE / FUNDER FIT: Veterinary volunteering, equipment sponsorship, animal-care campaigns and logistics support. Humanitarian funds • Inclusion CSR • Community-resilience partners SEARCH TERMS: Animal Welfare India, Mobile Veterinary Care, Stray Animal Support, Livestock Health, Veterinary Outreach, One Health, Animal Rescue STATUS / SAFETY: Mobile surgery or advanced ICU services will be described only after licensed facilities and professionals are confirmed. DONATION BUTTON: Support Humane Animal Care

5. Netlify Data Model, Donation Routing and Final QA

5.1 One data file - all content retained

Field group	Fields
Identity	project_code, cluster_name, project_title, card_tag, project_anchor
SDG	sdg_numbers, sdg_names, sdg_result_path, sdg_sector_ids
Content	keywords, short_description, primary_activities, corporate_engagement, funder_fit
Control	status, status_note, evidence_status, last_verified_date, public_publish_status
Action	cta_text, donation_element_id, fund_route, receiving_legal_entity
Geography	country, primary_state, priority_districts, proposed_village_clusters, replication_states, location_status, last_location_verified_date

5.2 Exact interaction - no forms

User action	Result
Click sector card	Apply same-page filter and scroll to matching project cards.
Click project card / View Details	Open accessible accordion or side drawer populated from the same project data object.
Click Support This Project	Call one approved donation handler and pass project_code. The checkout must display receiving legal entity and designation.
Checkout unavailable	Show a clear unavailable/current-status message or route to an approved giving page - never show a fake success state.
Close detail panel	Return keyboard focus to the originating card; preserve filter state.

5.3 Donation handler rule

SAFE SINGLE BUTTON

Developer may use one `#donate` element only when the approved donation script is installed and tested. Recommended markup: `

5.4 Visible legal and evidence strip

Notice	Public text
Evidence	Planned, active and completed results are displayed separately. Public claims are supported by approved records maintained in Salesforce and the evidence repository.
Employer match	An employer may offer matching or volunteer rewards. Eligibility, ratios, supported countries and approval are determined by the employer and platform.
Entity routing	FSH Foundation India is the primary India-based implementing nonprofit. Fulminare Global USA supports global partnership development; its IRS recognition remains pending until verified.
Verification badges	FCRA, SSE, CAF America or workplace-platform status may be displayed only after proof is approved, with exact entity name, current status, source URL and last verification date.

5.5 Final developer checklist

- ☐ One canonical page at /framework; menu link Resources > SDG Hub; optional redirect from /global-impact-matrix.
- ☐ 6 sector cards, 25 project cards and one reusable detail drawer render correctly at desktop, tablet and mobile widths.
- ☐ All 25 project titles, descriptions, activities, Ground Focus, corporate engagement, keywords, CTAs, status notes and SDG mappings are loaded from one data file.
- ☐ Every project displays visible SDG badges plus its unique SDG Result Path.
- ☐ No project form; no fake counters; no unverified active-location claim. Every location is labelled Proposed, Assessment, Pilot or Active and exact villages require field verification.
- ☐ Donation button carries project_code and shows the actual receiving entity/designation before payment.
- ☐ Keyboard navigation, focus return, readable contrast, alt text and 44px touch targets pass QA.
- ☐ Page title, meta description, canonical, OG image, internal anchors and optional ItemList JSON-LD use the same visible project data.
- ☐ Staging is noindex; production build has no broken anchors, console errors, duplicate meta tags or layout shift.
- ☐ Founder receives source code, project data file, deployment ownership and rollback copy.

FINAL HANDOFF

This document defines one premium page, not 25 different designs. The developer builds one data-driven system, loads the 25 approved records, and reuses the same SDG, project-card, detail-panel and donation components. Institutional strength must come from evidence, consistency and clear governance - not unsupported superlatives.