

GTx

planetx.ai

- planetx LLM
- Taxonomy, Frameworks, Standards, Metrics**
 - GTX Frameworks
 - GTT Terminology
 - GTT Taxonomy
 - GTDS Data Standard
 - GTL Lexicon & Labelling
 - Green Transition Frameworks
 - Frameworks, Standards & Governance
 - Green Transition Roadmap: Taxonomy, Frameworks & Standards
 - EU Taxonomy
 - Climate Change Mitigation
 - Climate Change Adaptation
 - Sustainable Use and Protection of Water and Marine Resources
 - Transition to a Circular Economy
 - Pollution Prevention and Control
 - Protection and Restoration of Biodiversity and Ecosystems

Business Intelligence

- Superset
- Data Warehousing
- Data Analytics & Visualization
- Sustainability Reporting Tools
- Predictive Analytics
- In-Memory Analytics

Sustainable Finance

- Compliance Tools**
 - ISSB and EU Taxonomy Compliance
 - ESG Scoring and Reporting
 - Taxonomy Alignment Checker
 - Regulatory Compliance Dashboard
 - Sustainability Reporting
 - Automated Data Collection for Sustainability Metrics
 - Performance Tracking against Sustainability Goals
 - Impact Measurement and Reporting
 - Risk Management Tools
 - Environmental and Financial Risk Assessments
 - Scenario Analysis Tools
- Key Enablers for Connecting Businesses with Green Capital**
 - Matchmaking Algorithms
 - Customized matching for businesses and green capital providers
 - Dynamic profiles and portfolios for showcasing projects and investment strategies
 - Investment Marketplace
 - Platform for listing and discovering funding opportunities and projects
 - Filters for selecting projects or funding based on specific criteria
 - Networking and Educational Events
 - Virtual networking events, webinars, and panels
 - Direct interaction opportunities like pitch sessions
 - Collaboration and Partnership Tools
 - Joint project planning and management tools
 - Document sharing and contract templates
- Green Financing Instruments**
 - Green Bonds and Sustainable Debt
 - Facilitation of green bond issuance and trading
 - Advisory on sustainable debt structures
 - Impact Investing and Funding
 - Connecting with impact investors and green investment banks
 - Tools for tracking investment impact and returns
- Additional Features**
 - Educational Resources
 - Workshops and training on sustainability compliance and investment opportunities
 - Technology and Innovation
 - Blockchain for transparency in claims
 - AI-driven forecasting for sustainability trends

Insights

- Green Ideas. Be Inspired!
- Use Cases & Strategies
- Reimagine NOW!
- Socially Just Green Transition
- Optimizing for Green Transition
- Green Transition Taxonomies
- BEATS
- Thought-provoking Questions

PULSE

digitally.ai IOT

AI Application Domains

- Climate Change Mitigation**
 - Renewable Energy Production (solar, wind, geothermal)
 - Energy Efficiency Improvements (buildings, transportation)
 - Clean Technologies (carbon capture and storage, electric vehicles)
 - Transportation and Mobility
 - Sustainable Agriculture
 - Smart Cities & Urban Planning
 - Sustainable Forestry Practices (carbon sequestration)
- Climate Change Adaptation**
 - Infrastructure Resilience (flood protection, heat-resistant materials)
 - Sustainable Agriculture Practices (drought-resistant crops, water management)
 - Early Warning Systems for Climate Events
 - Climate-proof Urban Planning (green infrastructure, heat mitigation)
 - Water Resource & Conservation Technologies (drip irrigation, rainwater harvesting)
- Sustainable Use and Protection of Water and Marine Resources**
 - Sustainable Water Management Practices (e.g., wastewater treatment, desalination)
 - Responsible Fishing Practices (sustainable quotas, reduced bycatch)
 - Marine Pollution Prevention (plastic waste reduction, oil spill control)
- Transition to a Circular Economy**
 - Product Design for Reusability and Recyclability (modular designs, extended producer responsibility)
 - Repair and Remanufacturing Services
 - Material Recycling and Reprocessing (closed-loop systems)
 - Sustainable Waste Management (waste reduction, composting, bioenergy)
- Pollution Prevention and Control**
 - Clean Production Processes (reduced emissions, resource efficiency)
 - Pollution Control Technologies (air filters, wastewater treatment plants)
 - Substitution of Hazardous Materials (safer alternatives)
 - Sustainable Waste Disposal (minimizing landfilling)
- Protection and Restoration of Biodiversity and Ecosystems**
 - Sustainable Land Management (reduced deforestation, soil conservation)
 - Habitat Restoration (coral reef restoration, wetland protection)
 - Sustainable Forestry (selective logging, biodiversity preservation)
 - Responsible Mining (minimized environmental impact, land reclamation)

AI

- Machine Learning**
 - Deep Learning LLM
 - Supervised Learning
 - Reinforcement Learning
 - Deep Learning LLM
 - Machine Translation
 - Text Summarization
 - Sentiment Analysis
 - Question Answering
 - Chatbots
 - Natural Language Processing (NLP)
- AI Optimizations, Constraint-based AI**
 - Graph Neural Networks (GNNs)
 - Constraint Satisfaction Problems CSP
 - AI Solver
- Explainable AI (XAI)**
 - Transparency & Accountability
- Rule-based Systems**
 - Knowledge representation
 - Reasoning
 - Explanation
- Computer Vision (CV)**
 - Image classification
 - Object detection
 - Image segmentation
 - Video analysis
- Robotics**
 - Mobile robotics
 - Manipulator robotics
 - Aerial robotics
 - Humanoid robotics
- Ethical AI

Datasets

- Environment Data**
 - GHG Emissions
 - Resource Consumption
 - Biodiversity Data
 - Camera Trap Images and Videos
 - Acoustic Recordings (Animal Calls)
 - Species Distribution
- Sensor Data**
 - Air Quality Monitoring Stations
 - Water Quality Monitoring Stations
 - Soil Moisture Sensors
 - Weather Stations
- Smart City Data**
 - Traffic Management Data
 - Building Energy Consumption
 - Waste Management
 - Environmental Sensor (within Cities)
- Earth Observation Data**
 - Satellite Imagery (Multispectral, Hyperspectral)
 - Aerial Imagery (Drones, Airplanes)
- Human Activity Data**
 - Energy Consumption Data (Buildings, Industries)
 - Traffic Flow
 - Land Use
 - Waste Generation