

Odoo Hackathon 2025

CSR & Sustainability Tracker

The Challenge

Companies in the UAE are expected to actively contribute to building a better and more sustainable future by reducing emissions, supporting communities, and aligning with Net Zero 2050 and the UN Sustainable Development Goals (SDGs). Your challenge is to design and develop an Odoo app that empowers organizations to plan, manage, and measure the impact of their CSR and sustainability initiatives. You decide how to make it meaningful, measurable, and impactful. There is no single right answer, only creative, well-built solutions.

Understanding Corporate Social Responsibility (CSR)

CSR means taking responsibility for how a company affects society and the environment beyond making profit. Most companies structure their CSR around four key categories:

1. Environmental Responsibility

- EcoBuild Co. launches a “Green Office Challenge” to reduce paper use by 40%.
- FutureTech Ltd. installs solar panels and promotes a “Plastic-Free Workplace” policy.

2. Ethical Responsibility

- NovaFoods sources ingredients only from fair-trade suppliers.
- SilverEdge Manufacturing enforces a strict “no child labor” vendor policy.

3. Philanthropic Responsibility

- HealthFirst Corp. funds free vaccination drives in rural communities.
- BrightWave Media offers scholarships for underprivileged students.

4. Economic Responsibility

- BlueHaven Energy invests a portion of profits into renewable research and development.
- MetroMart Group publishes annual sustainability performance reports for transparency.

Hackathon Structure and Rules

To ensure fair judging and a consistent foundation across all teams, the following guidelines apply:

- Minimum Requirements:
 - At least three 3 models (e.g., CSR Program, Project, Activity)
 - A minimum of three view types: List, Form, and Kanban
- User Interface and Design Rules:
 - Teams may not modify Odoo's base colors, fonts, or structural layout.
 - Standard Odoo components must be used (views, status bars, menus, etc.).
 - Customization is encouraged for icons, labels, computed fields, buttons, and dashboards.
 - The objective is to extend and innovate within Odoo — not to redesign its interface.

Areas for Innovation

Participants are encouraged to think creatively and extend Odoo's capabilities. The following are examples of areas where teams may innovate:

- Integrate APIs to fetch real-world data (e.g., weather, carbon footprint, or donations)
- Inherit and build upon existing Odoo modules such as HR, Accounting, Projects, Website, or CRM
- Automate workflows (approvals, email alerts, scheduled actions)
- Add intelligent features such as dashboards, leaderboards, analytics, or gamification
- Implement AI/ML functionality (e.g., sentiment analysis, predictive analytics)
- Use Python creatively to compute KPIs and generate insights

Example Project Directions

The following examples illustrate possible directions, but teams are free to explore new ideas:

- Volunteer Engagement Tracker – enables employees to log volunteer hours and receive recognition.
- Carbon Footprint Dashboard – visualizes environmental impact and tracks CO₂ savings.
- Donation Transparency Module – tracks the flow of funds and displays impact metrics.
- Community Collaboration Portal – allows NGOs to submit proposals for company sponsorship.
- Sustainability Report Generator – compiles CSR and SDG performance data into official reports.

Judging Criteria

Projects will be evaluated based on the following weighted criteria:

- Core Functionality (30%) – Quality and reliability of the developed features.
- Innovation and Creativity (25%) – Originality and smart use of Odoo features or integrations.
- User Experience (20%) – Ease of use, clarity, and design quality.
- Data and Impact Metrics (15%) – Accuracy and insightfulness of computed KPIs.
- Presentation and Storytelling (10%) – Clarity and engagement of the final demo.

Deliverables

At the end of the hackathon, each team must submit the following:

1. A working Odoo module (ZIP file or repository link).
2. Demo data populated in all models
3. A short 3–5 minute live demo demonstrating the app functionality

Final Remarks

This hackathon is designed to foster creativity, collaboration, and real-world impact. Your goal is to demonstrate how technology can make CSR management smarter, more transparent, and more meaningful.

Your code should not only function, it should make a difference.