

OPPORTUNITIES FOR COLLABORATION

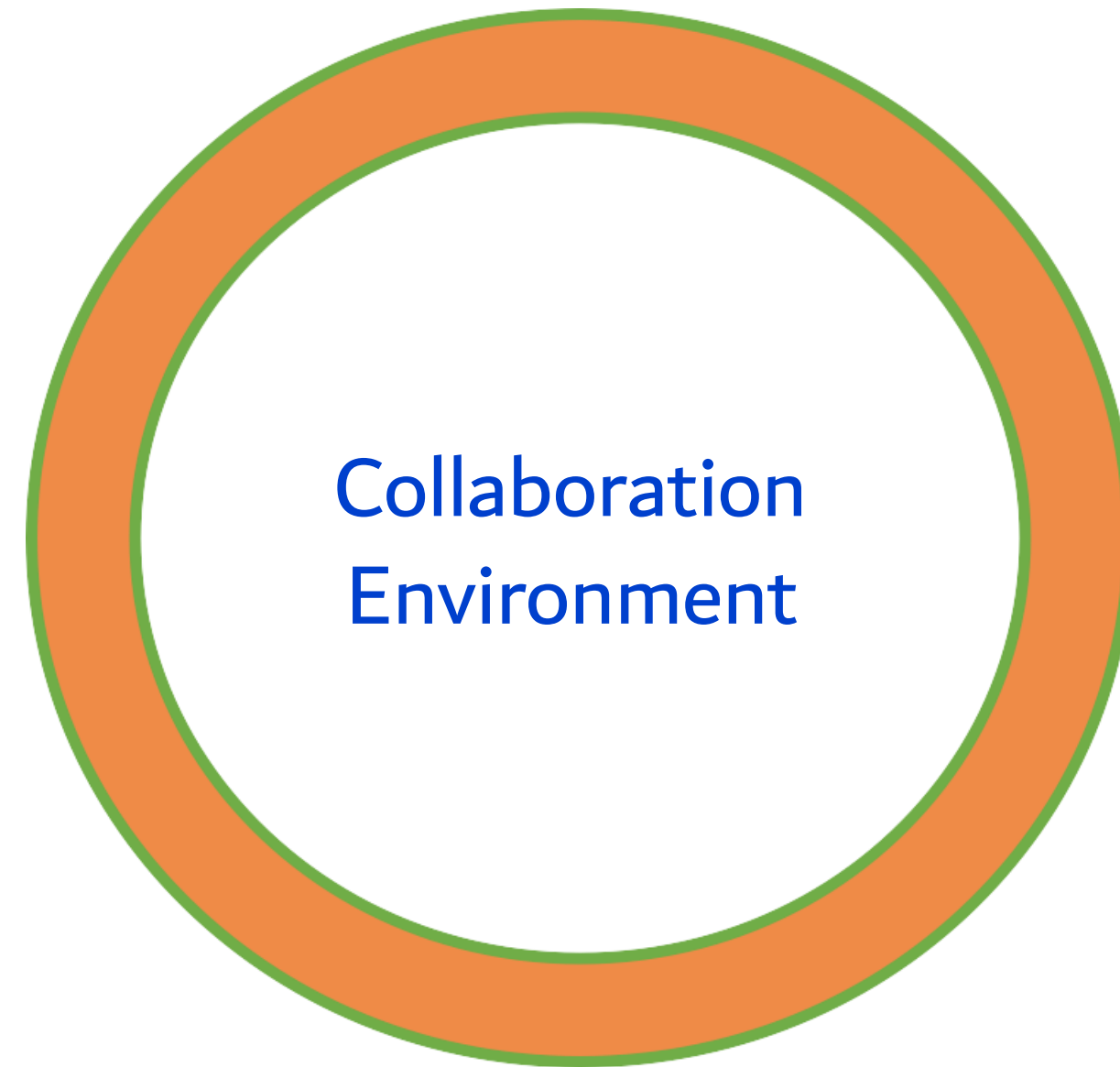
SAMPLING OF AI FOR GOOD PROBLEMS

- Diagnose **birth asphyxia** with a smart phone
- Detect **sex trafficking** advertised on the internet
- Detect **crop disease** in Ethiopia
- Monitor the structural **health of buildings**
- Improve **individualized education** by augmented AI curriculum
- Predict **psychiatric medicine** effectiveness
- **Triage** emergency medicine
- Increase **bee populations**
- Predict **earthquakes**
- Detect **illegal mining** in Congo
- Model **malaria** prone regions in India

**Problem
Owners**

**Problem
Solvers and
Implementers**

**Problem
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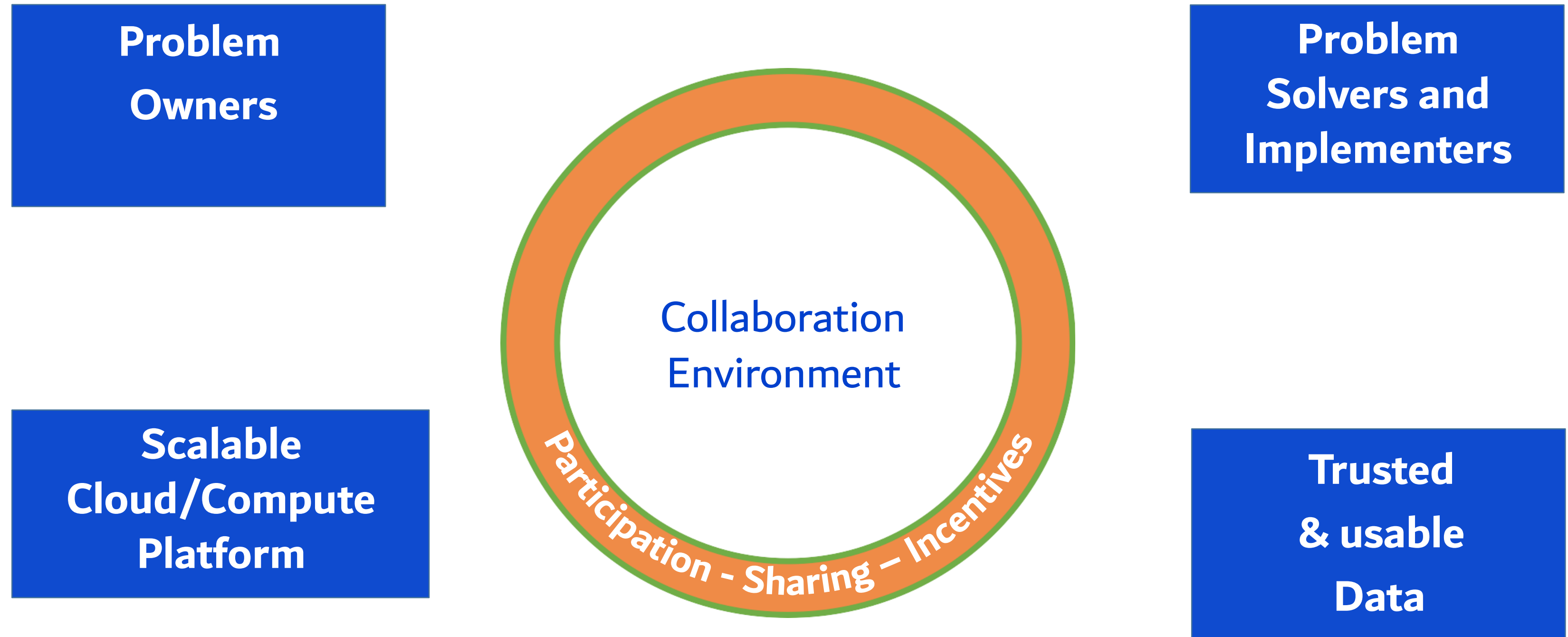
**Scalable
Cloud/Compute
Platform**

**Trusted
& usable
Data**

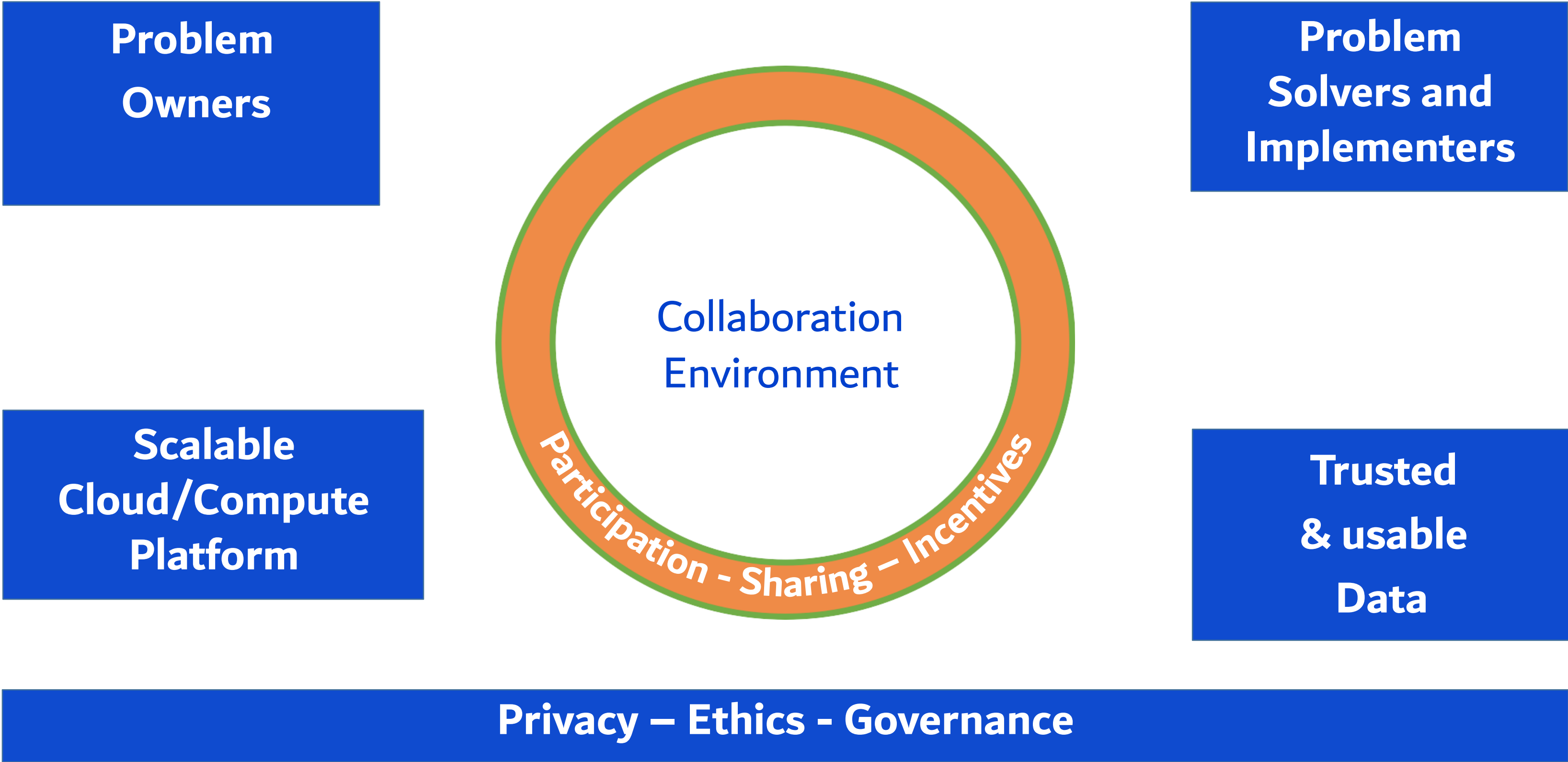


**Collaboration
Environment**

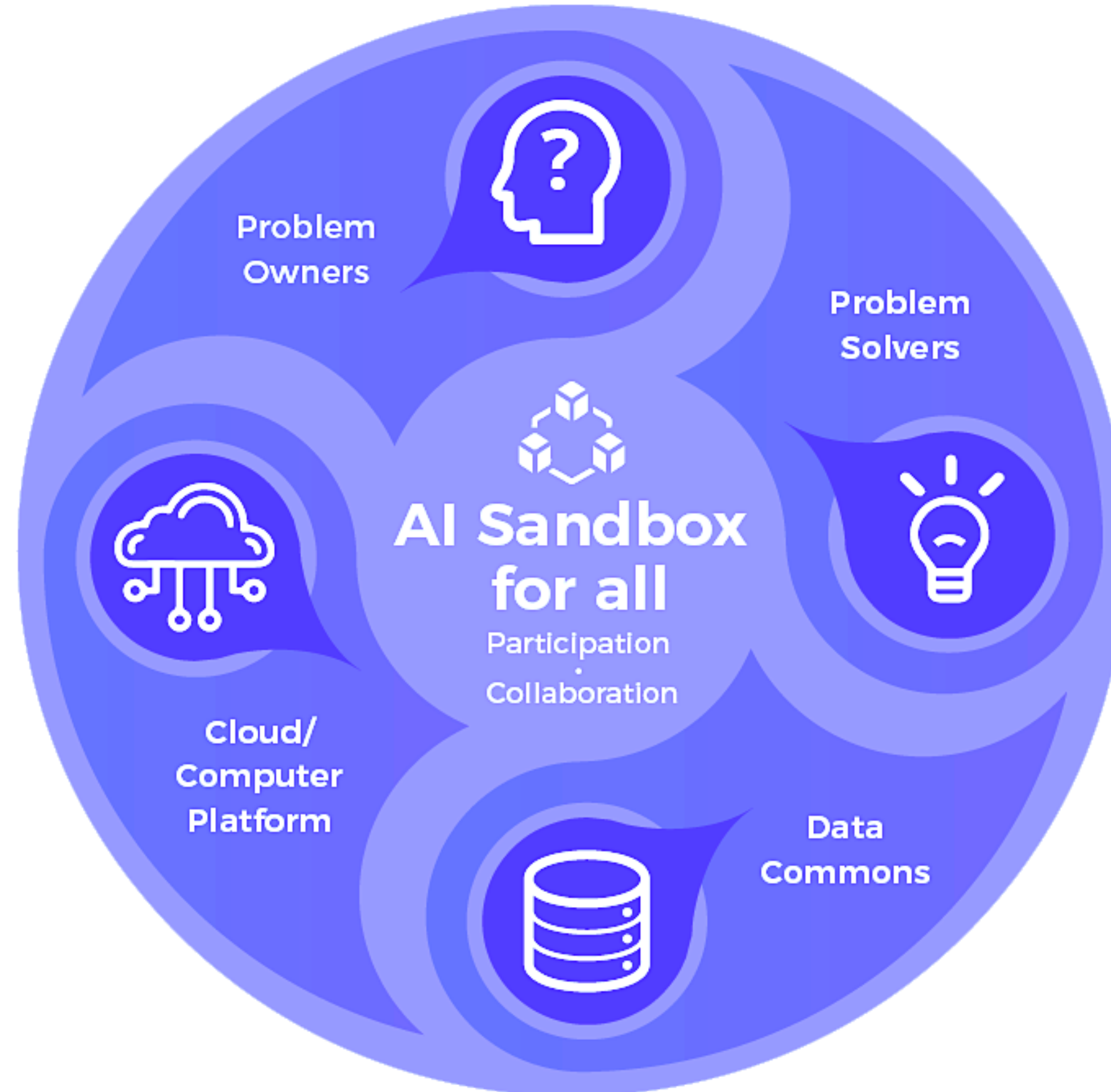
AI for Good Collaboration Requirements



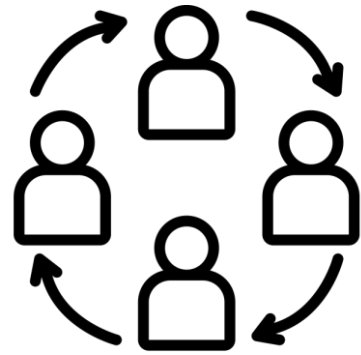
AI for Good Collaboration Requirements



AI Collaboration Framework for all

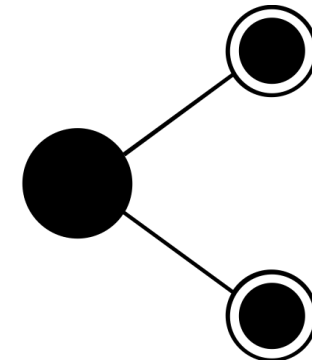


AI Commons Focus



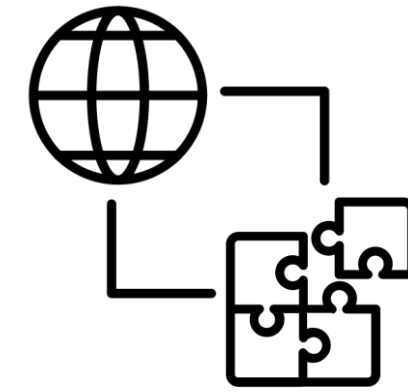
1 COMMUNITIES OF INTENT

Problem owners and AI Community find solutions together



2 SHARED RESOURCES

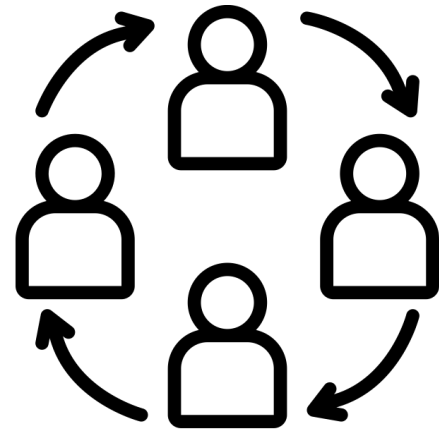
Provide and incentivize access to data, algorithms, compute, and ethical and trusted design and development guidelines



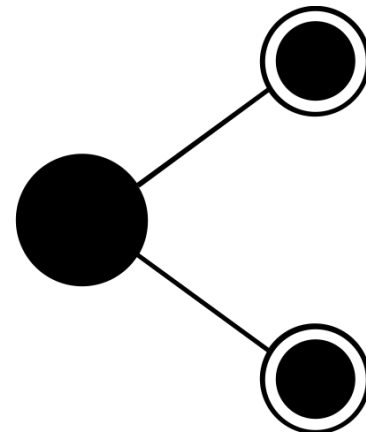
3 SYNERGIES FOR IMPACT

Collaborations for Scaling solutions

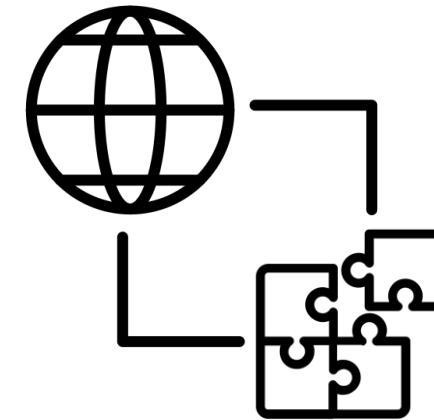
Initiative Opportunity : Support Impact



COLLABORATION



SHARING



SCALING

SOVEREIGNTY

Global Initiative - Composition

The initiative brings together AI specialists, data owners, and infrastructure providers from industry, academia, governments, UN agencies and civil society to develop knowledge, specifications and guidelines to scale AI solutions with the help of shared datasets, testing and simulation environments, collaborative sandboxes, AI models and associated software, data discoverability and storage and computing resources.

Participation in the initiative is open to all interested parties.

The initiative is led by a Chair and Vice-Chair(s), and composed of a **Steering Committee**, a **Partnership Committee**, **Working Groups** and **Projects**.

Global Initiative - Steering Committee

Responsible for oversight and guidance of Working Groups and Projects, marketing and outreach, funding of the Global Initiative.

Composition: Global Initiative Chair, Global Initiative Vice-Chair(s), Working Group Leads, Project Leads

Global Initiative - Partnership Committee

Responsible for establishing and maintaining relationships with external groups, initiatives and organizations to identify and reuse resources where available and avoid duplication of effort. The committee also helps scale projects that have sustainable potential.

Composition: Global Initiative Chair and Vice-Chair(s), Representatives of interested groups, initiatives and organizations.

Global Initiative - Working Groups

Groups of experts collaborating on the development of specified deliverables, including, but not limited to technical documents, reports, guidelines, and tools that contribute to the mission and principles of the initiative.

The deliverables guide the projects and inform the work of interested parties, including researchers, policy and standards makers.

Proposed Working Groups:

- **WG on Repositories** (for problem statements, experts, datasets, models, tools, projects, events, standards)
- **WG on Marketplaces** (requirements and methods to discover and access data and AI models)
- **WG on Infrastructure** (requirements and methods for access to compute)
- **WG on Benchmarks** (assessment framework for datasets, models, tools)

Global Initiative - Projects

Implementation of technical specifications, reports, guidelines, tools to address a specified problem identified, including at the AI for Good Global Summit.

Project goals are to create sustainable solutions and deliver publicly available sets of tools, methods, or data for research.

Proposed initial Projects:

- Project Zero – Global AI services (Stuart Russell)
- Project One – Youth and AI (Tara Chklovski)

Global Initiative - Structure



Global Initiative - Principles

- Open to all interested parties
- Collaborative and transparent
- Consensus decision-making
- Focus on impact and scalability
- Reuse, disseminate and reference existing resources to maximum extent to avoid duplication of efforts