



## Drafting an emerging picture

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Community & UN SDG(s): SDG 15: Life on Land – Protecting forests and biodiversity.  
Sustainable Development Goals

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### Instructions:

Using your researched information fill out the flowing comparing the current state of the art with what you think new (software) innovations could bring to the community

Covering the orientations	
Compare the left-hand column of the document “Technology configuration inventory” table with the right-hand column of the document “Community characteristics & orientation” table. What do you notice about the match (or mismatch) between your dominant community orientations and the current configuration of tools?	
How well does the technology inventory cover the orientations? What themes emerged from both the community orientations and the technology configuration from your colleagues’ notes	<ul style="list-style-type: none"> <li>- Match/Mismatch Between Community Orientations &amp; Technology Configuration</li> <li>- The technology inventory aligns well with the need for data visualization and reporting but lacks automated data collection.</li> </ul>
<input type="checkbox"/> Are you almost there? <input checked="" type="checkbox"/> Are there big gaps?	<ul style="list-style-type: none"> <li>- Data must be manually updated, increasing the risk of outdated information.</li> <li>- No real-time data pipelines—Power BI reports rely on static or manually updated sources.</li> <li>- Limited interactive learning tools for students and industry professionals.</li> </ul>
What is the range of skills? If their interests and/or skills are diverse, could it cause conflict or distraction?	<ul style="list-style-type: none"> <li>- <b>User Groups:</b> High school/college students, researchers, industry professionals, general public.</li> <li>- <b>Skill Levels:</b> Vary widely from basic (students) to advanced (data analysts, researchers, policymakers).</li> </ul> <p><b>Potential Conflicts:</b></p> <ul style="list-style-type: none"> <li>- Some users may struggle with Power BI’s advanced features.</li> <li>- The dashboard should balance complexity and simplicity, offering both basic and detailed views.</li> </ul>
Achieving integration	
Look at all the pieces of your configuration	
What level of integration and interoperability has been achieved?	<ul style="list-style-type: none"> <li>- Power BI effectively visualizes deforestation data.</li> <li>- Manual data entry is a major limitation—no direct API integrations.</li> </ul>

[illegible]



...New group tools?

- Enable shared workspaces for researchers and students to work together.

...New individual tools?

- Allow user-customized dashboard views for different experience levels (students vs. professionals).

#### MVP notes

**Primary focus:** Deliver a functional Power BI dashboard with clear, manually updated deforestation data visualizations.

**Essential features:**

- Multi-page Power BI dashboard showing deforestation trends.
- Manually updated data sources that users can replace with the latest datasets.
- Interactive filters for different audiences (students, researchers, industry).

**Future Enhancements:**

- Introduce collaborative tools (forums, expert commentary, and user discussions) to improve engagement.