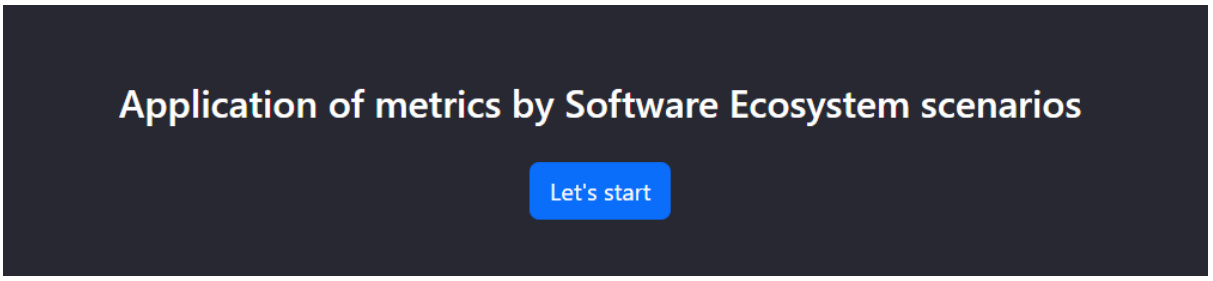
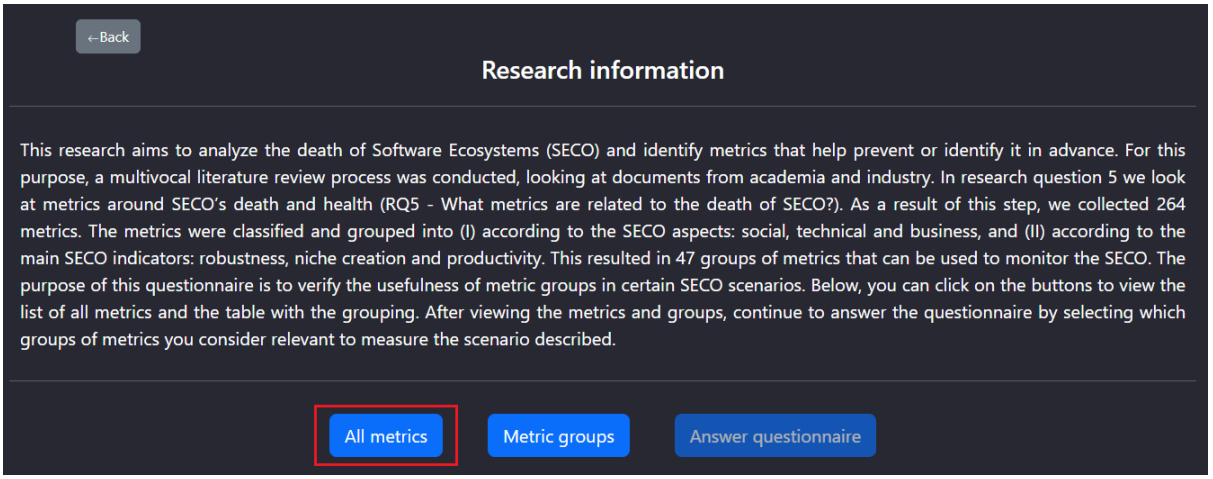
Step by step to answer the questionnaire

1. Start application

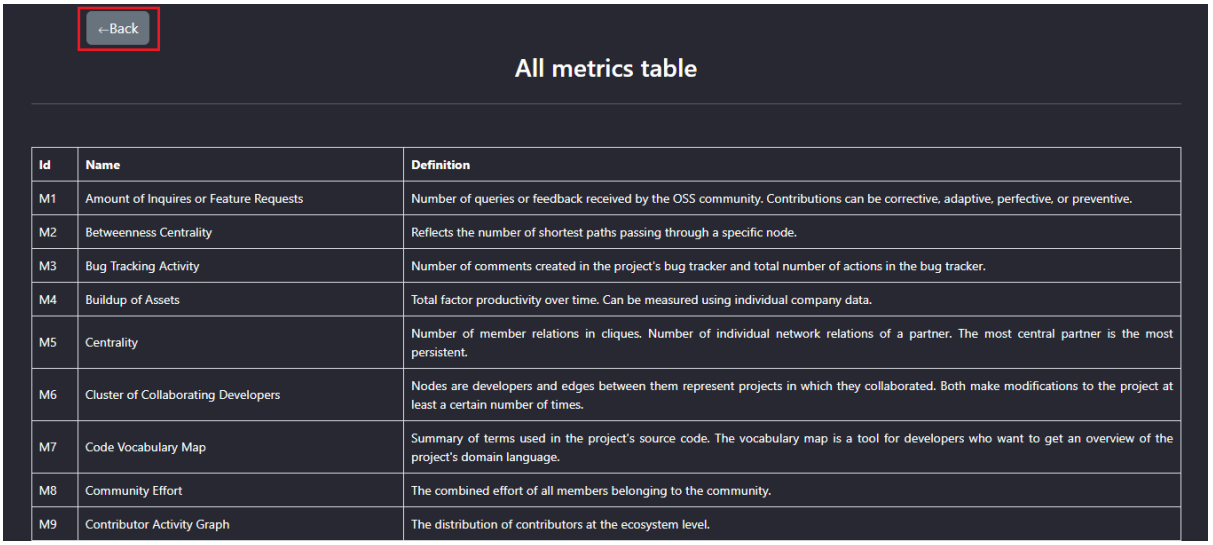


2. Research information

This section allows you to view the survey information. Then click the All Metrics button to see the full list of metrics collected.



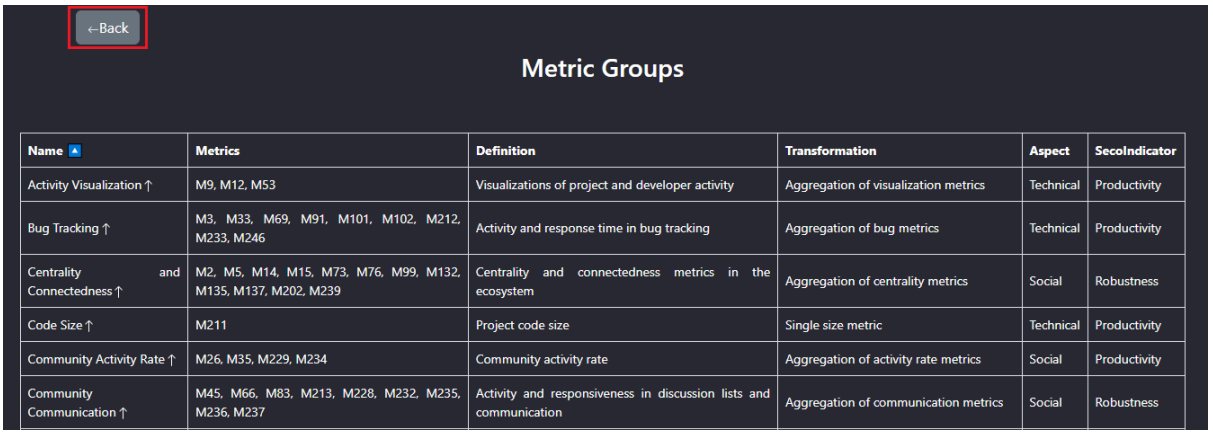
3. All metrics



Id	Name	Definition
M1	Amount of Inquires or Feature Requests	Number of queries or feedback received by the OSS community. Contributions can be corrective, adaptive, perfective, or preventive.
M2	Betweenness Centrality	Reflects the number of shortest paths passing through a specific node.
M3	Bug Tracking Activity	Number of comments created in the project's bug tracker and total number of actions in the bug tracker.
M4	Buildup of Assets	Total factor productivity over time. Can be measured using individual company data.
M5	Centrality	Number of member relations in cliques. Number of individual network relations of a partner. The most central partner is the most persistent.
M6	Cluster of Collaborating Developers	Nodes are developers and edges between them represent projects in which they collaborated. Both make modifications to the project at least a certain number of times.
M7	Code Vocabulary Map	Summary of terms used in the project's source code. The vocabulary map is a tool for developers who want to get an overview of the project's domain language.
M8	Community Effort	The combined effort of all members belonging to the community.
M9	Contributor Activity Graph	The distribution of contributors at the ecosystem level.

After viewing the list of metrics, click the Back button to go to step 2. Then, click the Metric Groups button to view the metric groupings.

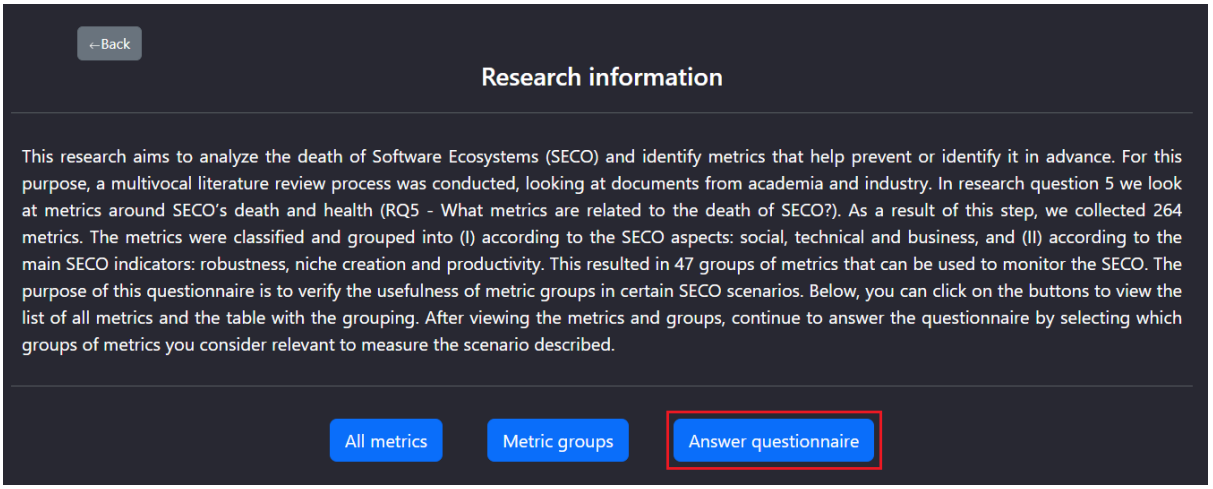
4. Metric Groups

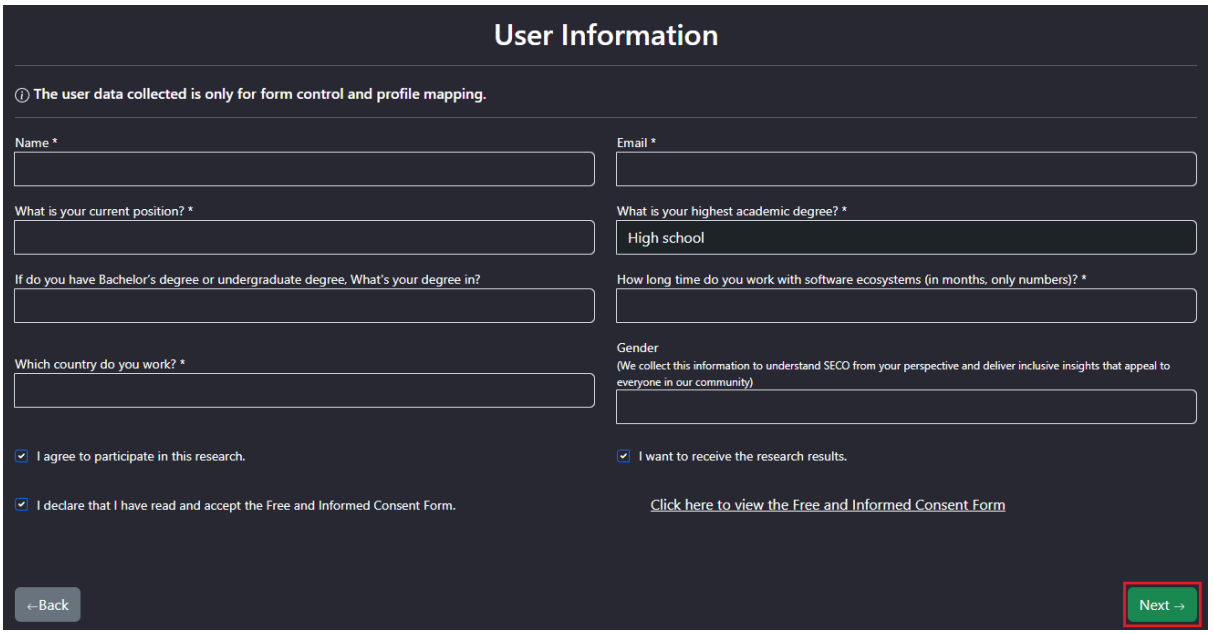


Name	Metrics	Definition	Transformation	Aspect	SecoIndicator
Activity Visualization ↑	M9, M12, M53	Visualizations of project and developer activity	Aggregation of visualization metrics	Technical	Productivity
Bug Tracking ↑	M3, M33, M69, M91, M101, M102, M212, M233, M246	Activity and response time in bug tracking	Aggregation of bug metrics	Technical	Productivity
Centrality and Connectedness ↑	M2, M5, M14, M15, M73, M76, M99, M132, M135, M137, M202, M239	Centrality and connectedness metrics in the ecosystem	Aggregation of centrality metrics	Social	Robustness
Code Size ↑	M211	Project code size	Single size metric	Technical	Productivity
Community Activity Rate ↑	M26, M35, M229, M234	Community activity rate	Aggregation of activity rate metrics	Social	Productivity
Community Communication ↑	M45, M66, M83, M213, M228, M232, M235, M236, M237	Activity and responsiveness in discussion lists and communication	Aggregation of communication metrics	Social	Robustness

In this section you can view the metric groups. You can click on a row in the table to expand the group and view the metrics in the group.

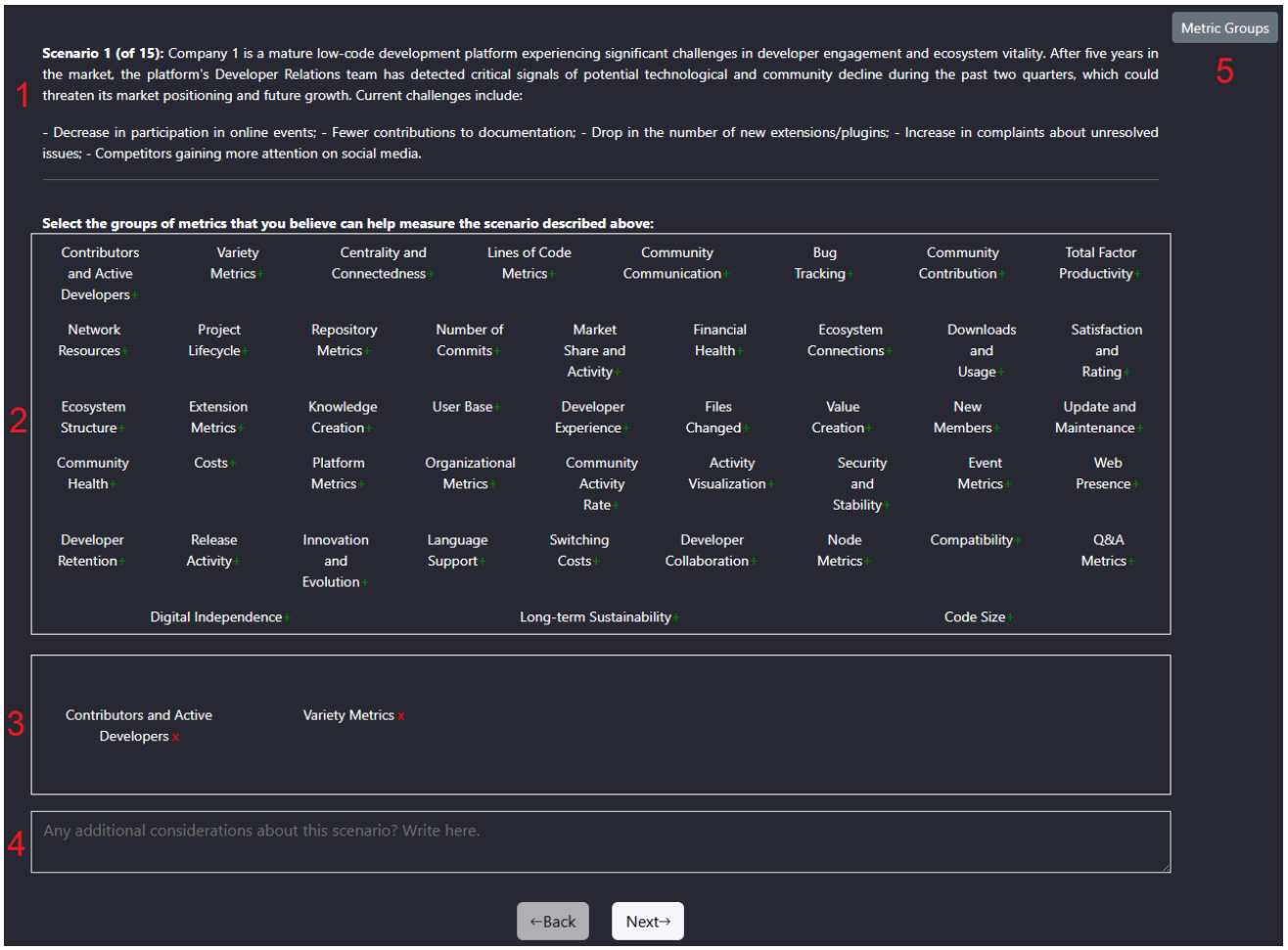
5. User Information





At this stage, some data is collected to map the respondents' profiles. You can also see the informed consent form.

6. Evaluate the scenarios



1 - Software Ecosystem Scenario.
2 - All metrics groups.
3 - Selected groups.
4 - Additional considerations.
5 - Click to view the metric groups table.

The aim is to select which groups of metrics you believe are most relevant to analyze the scenario in question.

7. Thank you for participating!