Tool for Systemic Change

Ecosystem Network Mapping Feature

The Ecosystem Network Mapping Feature is a new optional add on to Wicked Lab's Tool for Systemic Change. This new feature enables users to review and interpret the solution ecosystem of organisations attached to a Transition Card that are working on a problem in a place, using a network map.

The map provides users with 3 key insights:

- the number of connections between organisations;
- the structure of the network – its patterns of connectivity; and
- which organisations can most effectively disseminate information.

1. Number of connections metric

This metric shows the number of connections an organisation has to the other organisations within a solution ecosystem – the number of organisations it is partnering with.
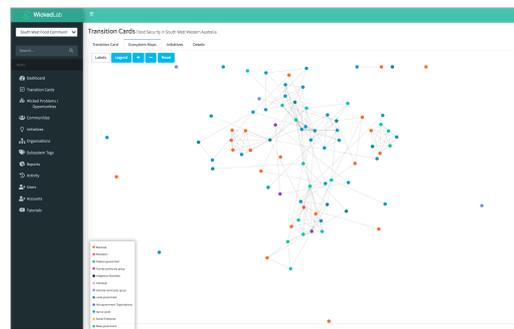
2. Patterns of connectivity

Users can see how an organisation (node) is connected to other organisations via the initiatives they are partnering on. Each organisation is colour coded to show what type of stakeholder they represent. Users can see patterns such as:

- Hubs - where there are organisations partnering with more organisations than average
- Unconnected Nodes – where organisations are not partnering on any initiatives and are unconnected in the ecosystem map
- Connected Components – where nodes (organisations) can be reached from one another through their partnering relationships
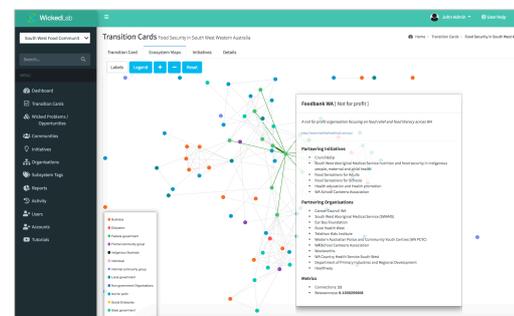
- Connecting Nodes – where a node (organisation) acts as a connection between separate connecting components of the network map.

These insights enable users to understand how organisations are connected across the ecosystem, what types of stakeholders these are, and who needs to be better engaged to increase the solution ecosystems robustness and resilience.

3. Information dissemination metric

This metric shows users how critical a node (Organisation) is in the solution ecosystem for information dissemination. The metric is called a Betweenness Centrality Metric and it quantifies the number of times an organisation acts as a bridge between other nodes (organisations). An organisation with a higher Betweenness Centrality Metric has more paths passing through it and therefore more information is able to pass through that organisation.

Cost is an additional $30 /mth /user