

Conducting a Stakeholder Network Analysis

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Workshop – Introduction to Stakeholder Network Analysis : 13 May 2025

Overview



COMPLEX SYSTEMS AND NETWORK
SCIENCE FOR PREVENTION AND CONTROL
OF NONCOMMUNICABLE DISEASES

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Objective 1

- Understand the steps involved in conducting a stakeholder network analysis

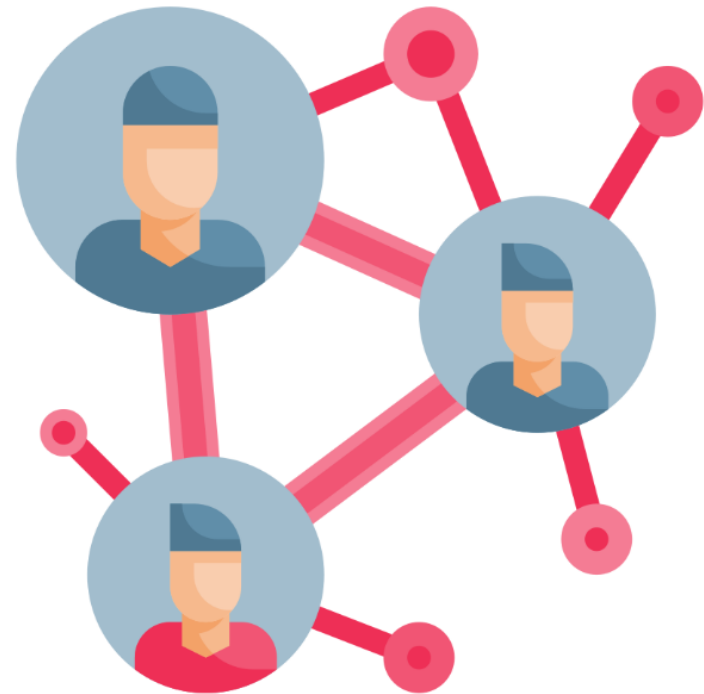
Stakeholder network analysis



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- There are different tools available to help support the conduct of stakeholder network analysis



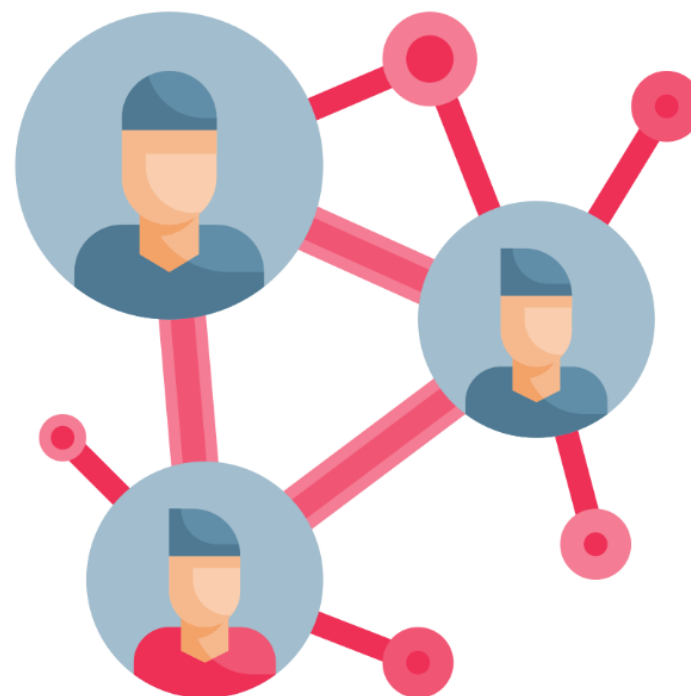
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- While many tools for the **design, data collection** and **data analysis** of stakeholder network surveys exist, they are not always free of charge or covering **all three** of these steps





- Developed by QUB/WHO Collaborating Centre for research and training on complex systems and network science for NCD prevention and control
- Web-based tool
- Created to facilitate the **design, data collection** and **data analysis** of stakeholder network surveys

Planning a SNA



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Purpose

**Identify
info users**

**Review
existing
info**

**What info
do I want
to
collect?**

**Develop a
timeline**

Ethics

Planning a SNA



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Purpose

- Important to have a clear focus
- Clarify objectives
- Establish parameters of your SNA
- Identify variables to be measured later in the process

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Purpose

- Relevant examples of how the StakeholderNet tool can be used:
 - Developing a protocol
 - Providing input for other analyses
 - Informing/updating action plans
 - Providing information to challenge or support policy
 - Guide participatory consensus-building processes

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Purpose

- Map out issues you are attempting to address
 - Create a list of issues, interests, objectives and desired outcomes
 - Prioritise them
- Consider existing knowledge
 - Identify gaps in evidence base and/or own professional knowledge

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Identify info users

- The user group will vary
- User group:
 - Primarily - those who will be involved in data collection
 - Secondly - those who will directly benefit from data collection
- May be useful to establish a working group of these users who can input into protocol, analyses and strategies for data
- Consider users of the information beyond working groups/how they might access data

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Review existing info

- There may be existing data about the organisations/connections you intend to map
- Understanding what data is in circulation about your target group will help avoid collection of unnecessary/duplicate data
- Identify local sources and inquire about data availability
- These data can supplement or support your SNA (*or render it unnecessary*)

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**What info
do I want
to
collect?**

- Quality over quantity
- Carefully consider information you intend to collect
- How do you plan to put this to use?
- Useful to identify a question or range of sub-questions relating to your objectives

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Develop a timeline

- A network is dynamic, fluid, temporal
- Relationships are not static
- Consider temporality of the project/network you intend on mapping
- Establish a timeline for the process that is:
 - Realistic
 - Achievable
 - Includes all the major steps for conducting a SNA detailed in the StakeholderNet tool

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Ethics

- Check ethics protocols and requirements in your organisation
- Generally, any research involving human participants (esp. vulnerable groups) requires robust ethical checks
- SNA involves participants nominating connections/providing data regarding these interactions/relationships – can be off-putting
- Having clearly articulated ethical procedures can reassure participants and enhance response rates

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**Network
survey
development**