

**TOWARDS A MORE
STATISTICALLY
LITERATE FUTURE**

The role of data literacy in times of misinformation and disinformation

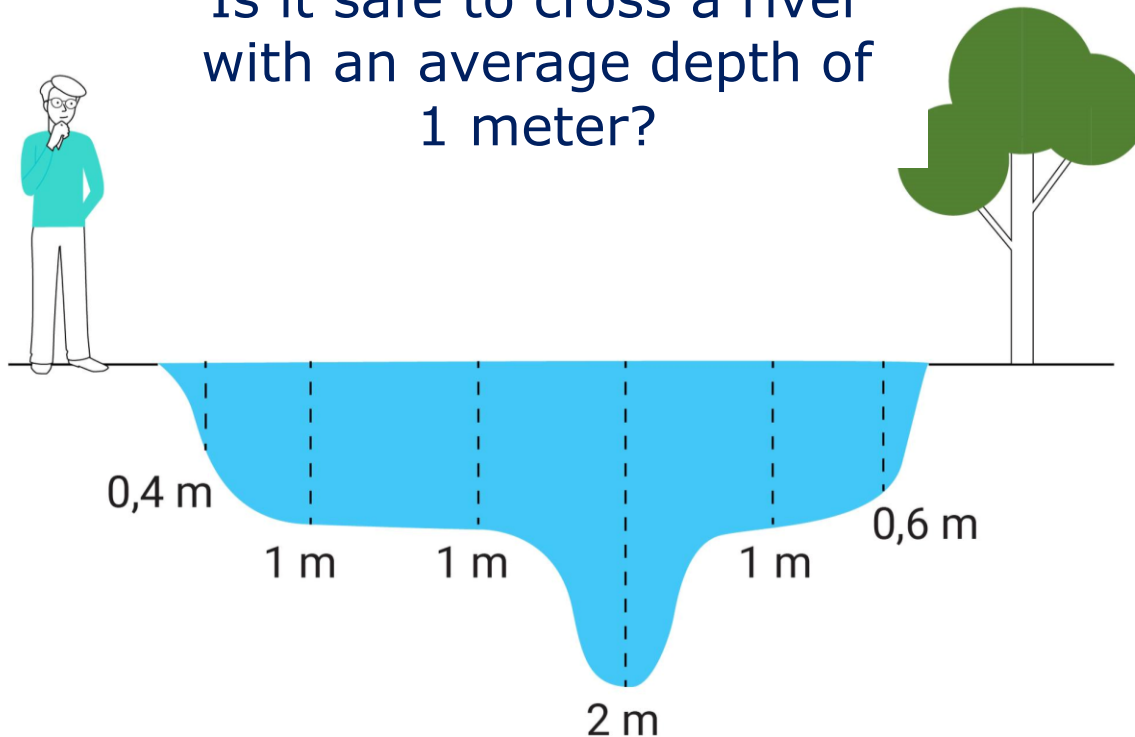
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The Challenge



Is it safe to cross a river
with an average depth of
1 meter?



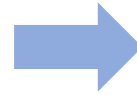
How to remain relevant
in the era of
abundant data?

The Case of Policymakers



Policymakers are struggling with

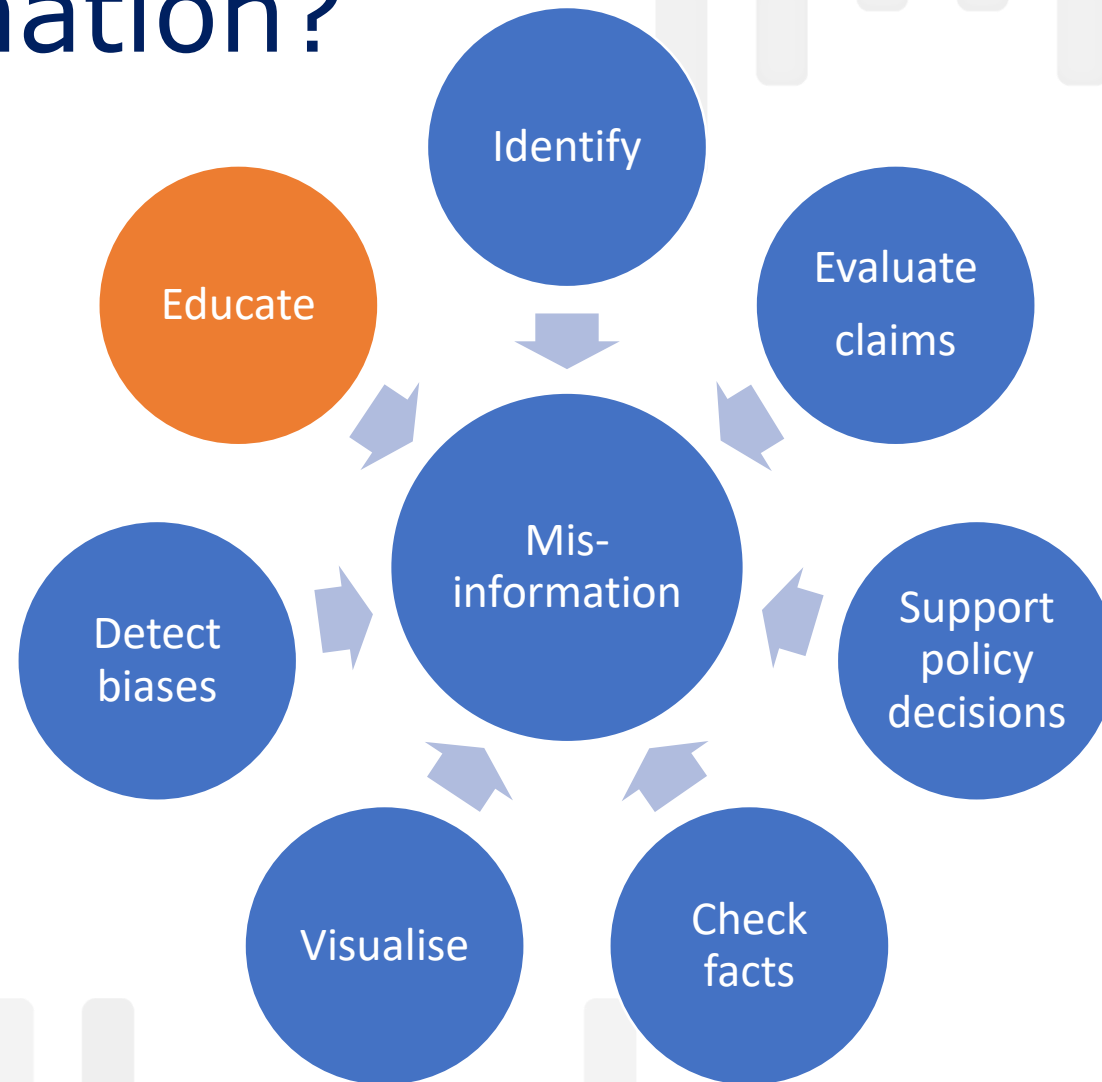
- Limited statistical/data literacy
- Understanding the impact of data
- Time and resource constraints
- Political considerations
- Data availability and quality
- Resistance to change
- Communication and presentation challenges



NSIs can help with

- Informing policy formulation
- Showcasing the value and possibilities of data
- Evaluating policy impact
- Allocating resources
- Supporting evidence-based decision making
- Monitoring and compliance
- Facilitating public debate and engagement

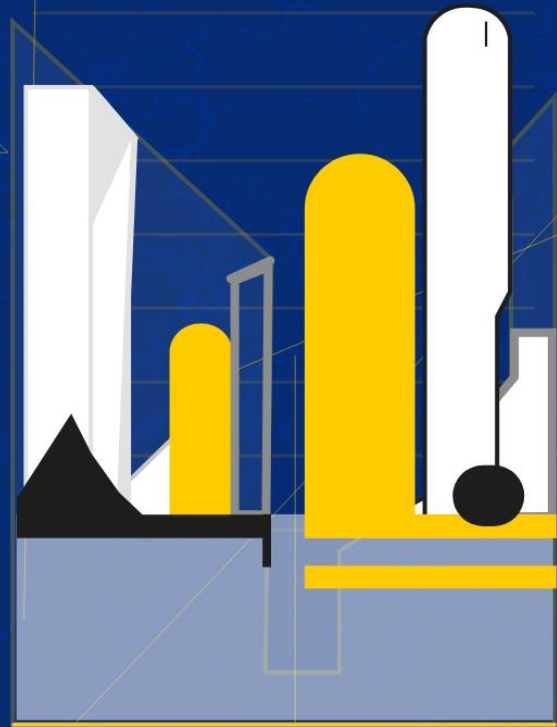
How can the NSIs combat misinformation?



Examples



- **Inform the society** of the NSI as the trusted source. Show the transparency and accountability
- **Act fast but carefully** as the timely and accurate provider of information
- **Demonstrate the value and impact of trusted data and statistics**, how and where it is used.
- **Call out the false** by checking facts and verifying the information in the public domain
- **Promote data literacy** by using the right methods and channels for each societal group: roundtables, workshops, social media, campaigns
- **Collaborate with media and partners**, understand their information needs and be the primary source of data!
- **Innovate and introduce new products!**



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Group discussion – questions

1. What are some common misconceptions or pitfalls related to statistics that contribute to the spread of misinformation and disinformation, and how can these be addressed?
2. What are some success stories or best practices in leveraging statistical/data literacy to address misinformation and disinformation, and how can these strategies be scaled or replicated?
3. How can statistical institutes collaborate with policy makers to combat the spread of misleading or false information?