



# From a policy question to a rigorous experiment design

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# How to know MENTEP addresses the issue aimed at?



## True impact evaluation

Answer social issues questions through a scientific method



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MENTEP | [mentep.eun.org/](http://mentep.eun.org/)

This project has been funded with support from the European Commission.



# Main key points

Clarify &  
Frame

Simulate  
'absence of  
intervention'

Meaningfully  
randomise



# From a policy concern..... to a research question

Teacher TET-competence seems to be inadequately developed.

How to know? What do to?

More (traditional) teacher assessment: not a solution.

Self-assessment: we have a solution...

For public authorities:

Changing mindset and role

Asking questions and challenging 'solutions'

Supporting ways to measure impact based on tangible evidence

What is self-assessment?  
Which processes are at stake?  
What are the variables affecting it?  
What is known about the conditions for it to work?

How does it impact the competence?  
In which way? To what extent?  
Do all teachers react in the same way?

**Concepts**

**Variables**

**Logical model**

**Hypotheses**

**Indicators**

**Methodology**



# MENTEP CORE QUESTION

What is the impact of using **MENTEP self-assessment tool** on teacher competence level?



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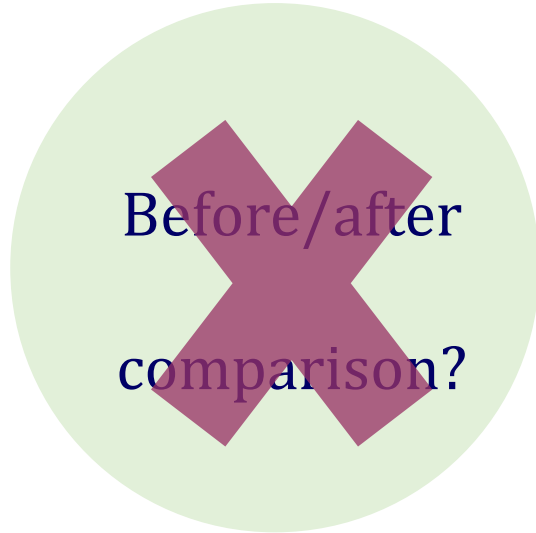


# How to measure the impact of MENTEP?



# What would have happened without MENTEP?

## How to know?



Contextual changes  
can happen in the  
mean time and  
influence results



Self-selected  
participation will  
introduce  
unobservable bias

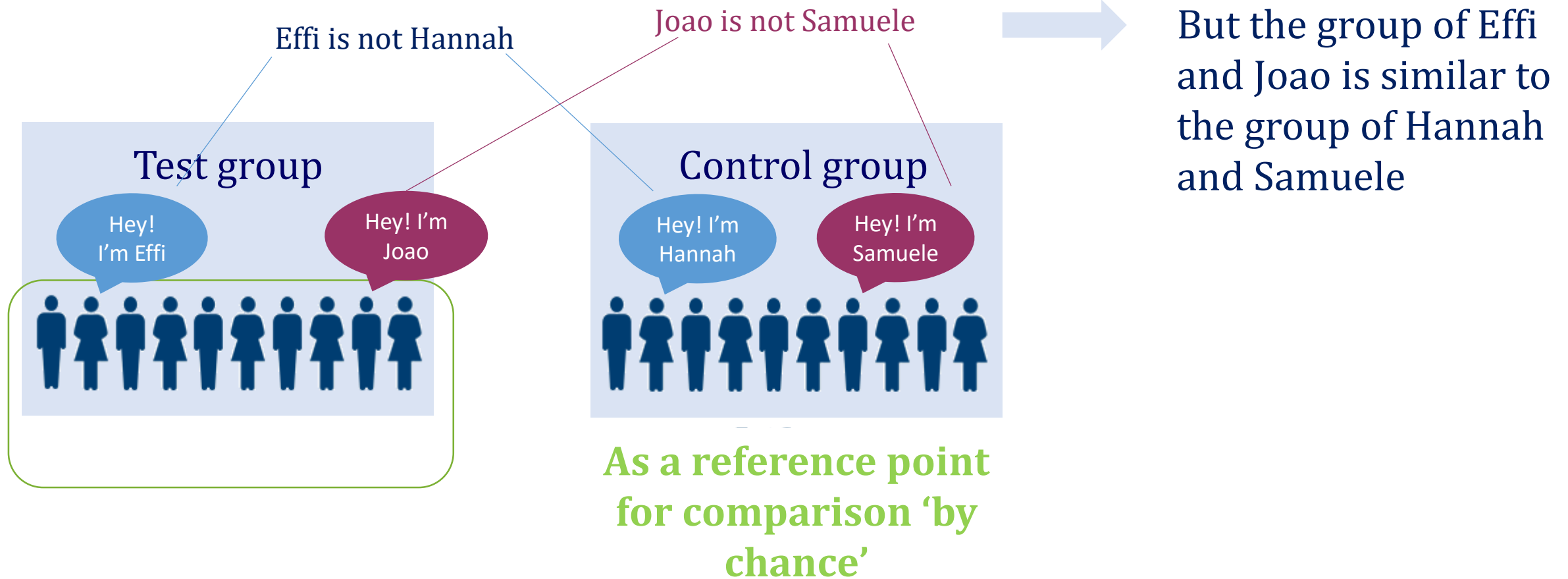


TET is not a  
'Dolly sheep'  
type of  
issue...





# How to simulate what would have happened without MENTEP?



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# How to compose MENTEP test and control groups?



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# MENTEP randomisation

For the MENTEP findings to be useful and reliable,

...they must be **representative**

Is it realistic/operational/meaningful to include in the sample teachers in schools not having access to technology?

➔ Randomised sampling of teachers in schools **with a minimum level of equipment and connectivity**



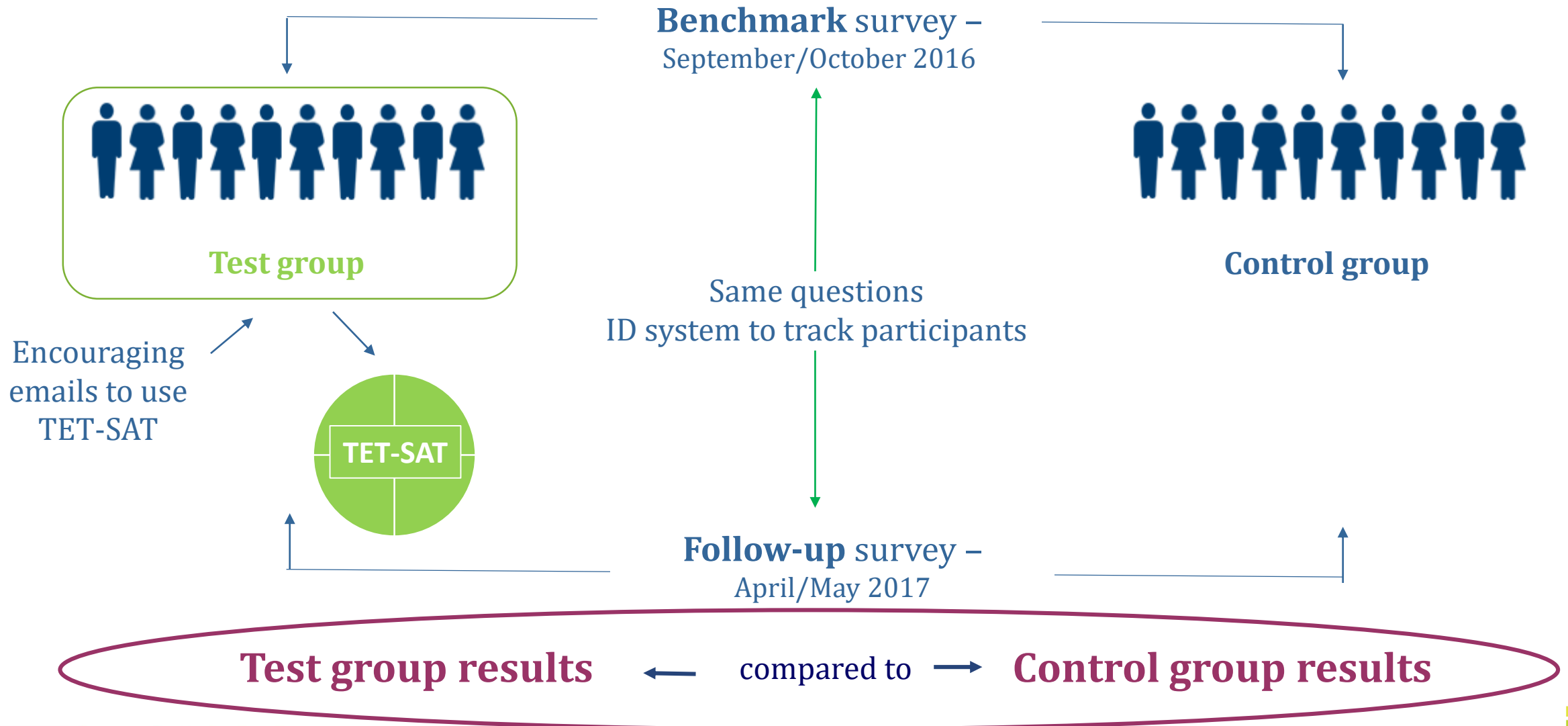
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# MENTEP test and control groups



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Policy  
making

**Public Authorities bought into  
the rigorous process**

3 years ,  
almost daily,  
experiencing  
the core of....

Research

**Researchers found solutions  
to specific issues while  
preserving methodology**

Practice

**Teachers did play their part  
(participation and self-  
reflectiveness)**



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# Thank you for your attention!

Read more: [mentep.eun.org](https://mentep.eun.org)

Contact us: [mentep@eun.org](mailto:mentep@eun.org)



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