

Use of PDSA cycles in the development of improvement skills in Early childhood centers principals



January 12th 2023 | FUNDACIÓN EDUCACIONAL OPORTUNIDAD



About us

Our organization has existed for sixteen years to promote the development and learning of children from ECE using innovative ideas and working collaboratively with others.

Our work focuses on:

- Leadership development with focus on continuous improvement in Early Childhood Education, *Un Buen Comienzo Program*, since 2008.
- Development of instructional skills, particularly in effective interactions, use of time and school attendance through our programs and Transfer of knowledge actions.

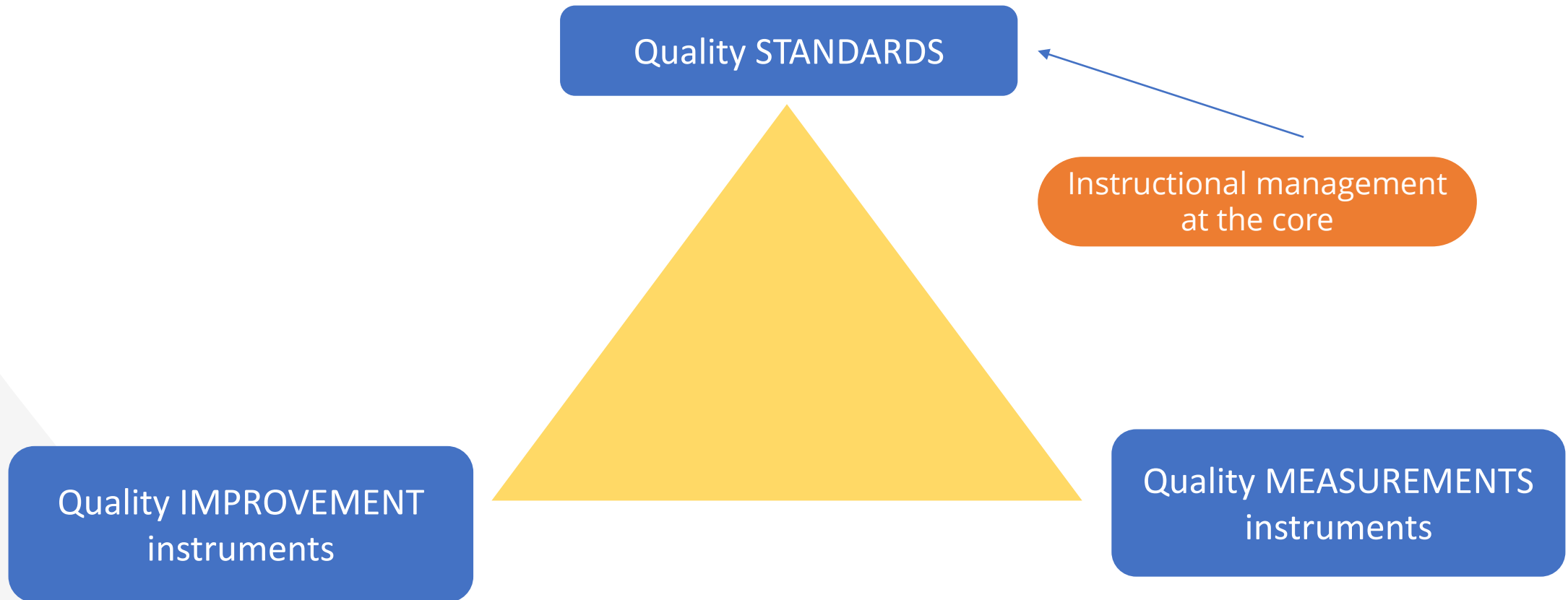


Context

- Since 2020 Early Childhood Education centers are part of the National Quality Assurance System in Education (QA System).
- This imply that the centers has to:
 - Apply the continuos improvement methodology in their center's management operations.
 - Learn about solutions systems, to use in a coherent way improvement aims and measurements, and many more.
- Due to our experience, C-Líder Leadership Center invited us to dictate the Certificate Program in Continous Improvement Leadership for Early Childhood Center Directors.



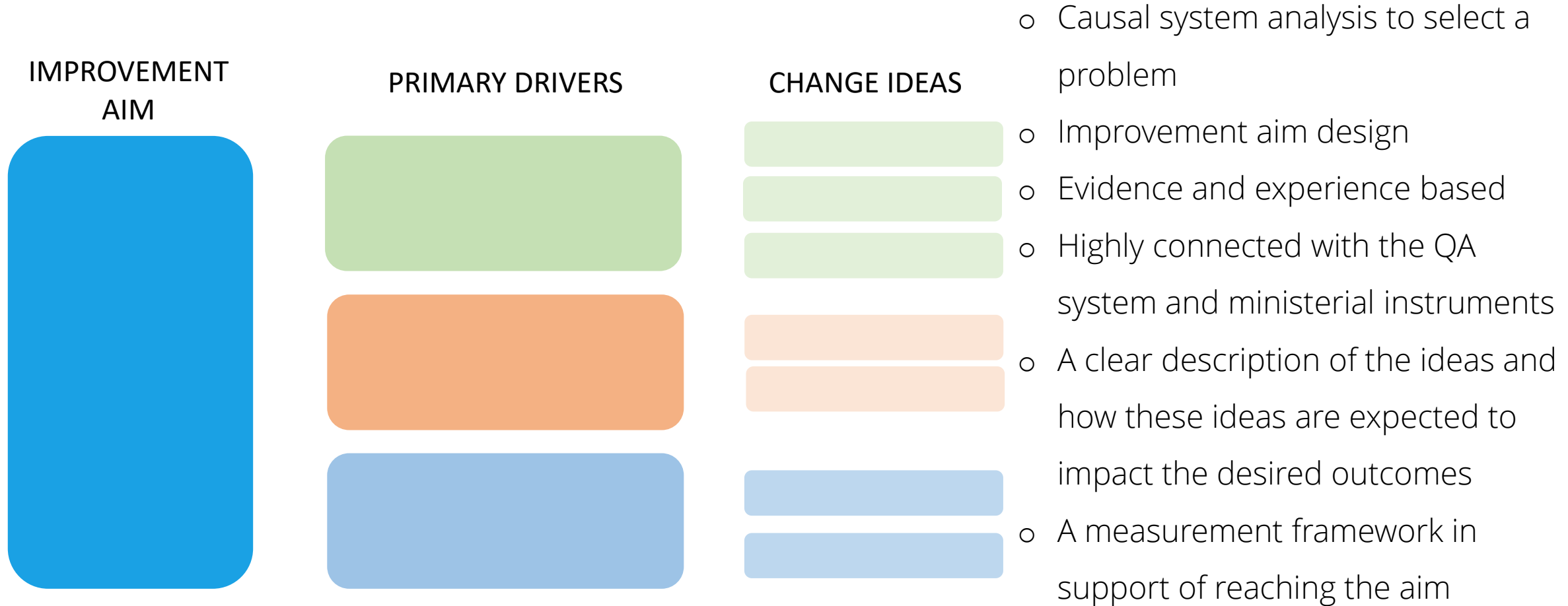
About the National Quality Assurance System



Our contributions to enhance the QA system



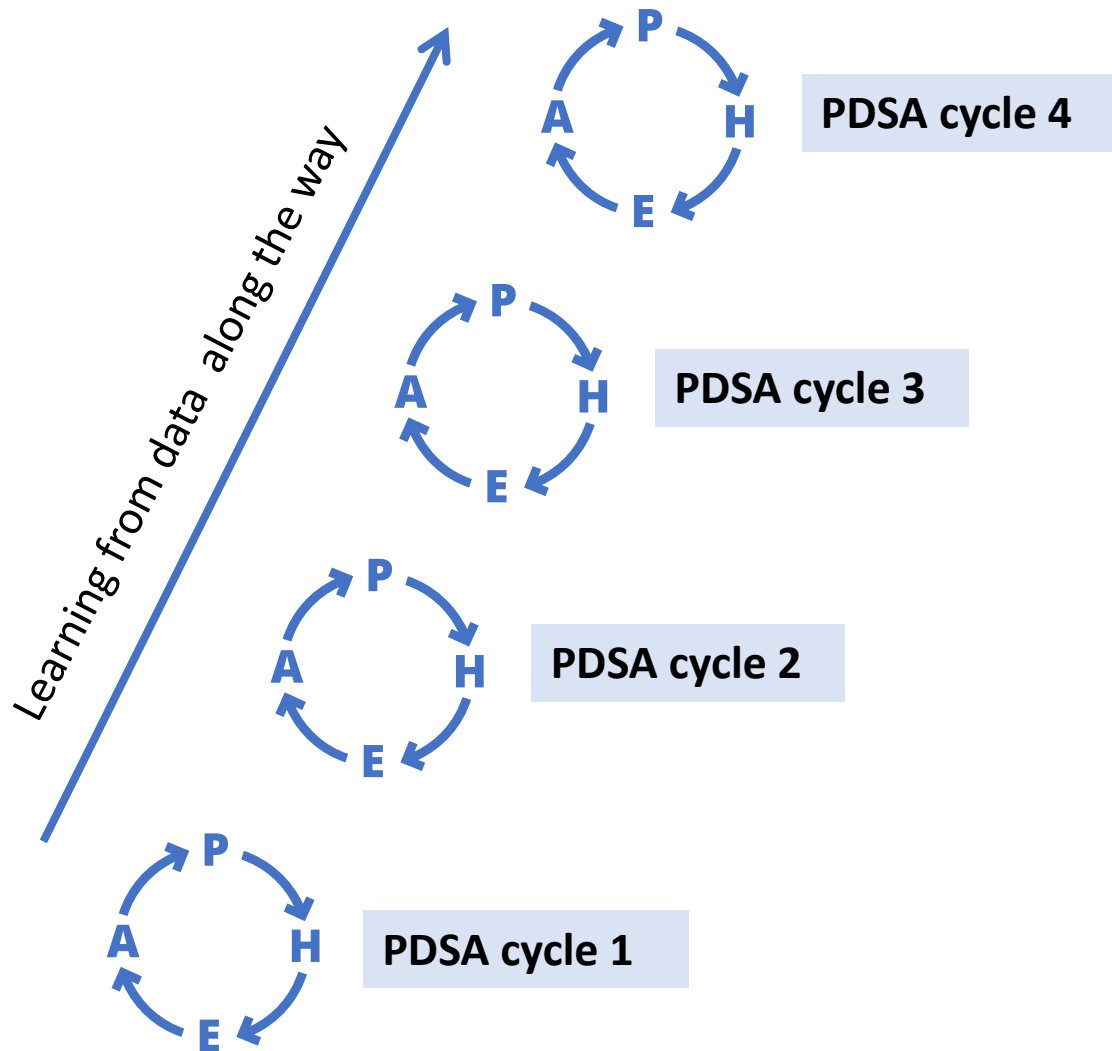
1. Well grounded Working theory



2. Use of iterative PDSA cycles

PLAN	DO	STUDY	ADJUST
<p>A clear description of the execution strategy</p> <p>Make predictions about what will happen as a result</p> <p>Design a way to test the change on an appropriate scale</p>	<p>Carry out the change</p> <p>Collect data and document how change was implemented</p>	<p>Analyze the data</p> <p>Compare what happened to predictions</p> <p>Glean insights for next cycle</p>	<p>Decide what to do next based on what was learned</p> <p>Abandon the idea? Make adjustments?</p>

2. Use of iterative PDSA cycles



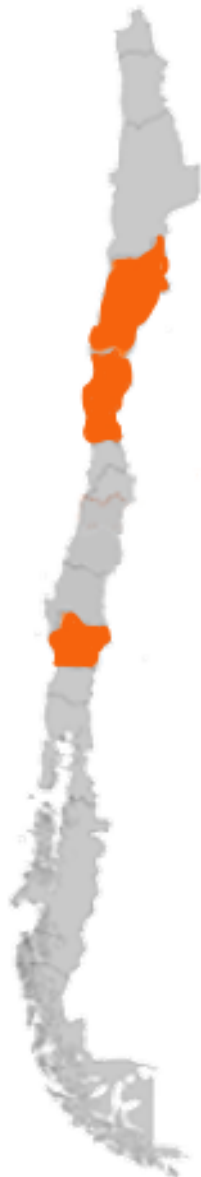
- High frequency (one every two or three weeks)
- Make mistakes quickly, learn from mistakes

3. It is essential to use, analyze and make decisions based on data consistently and coherently

How do we achieve it?

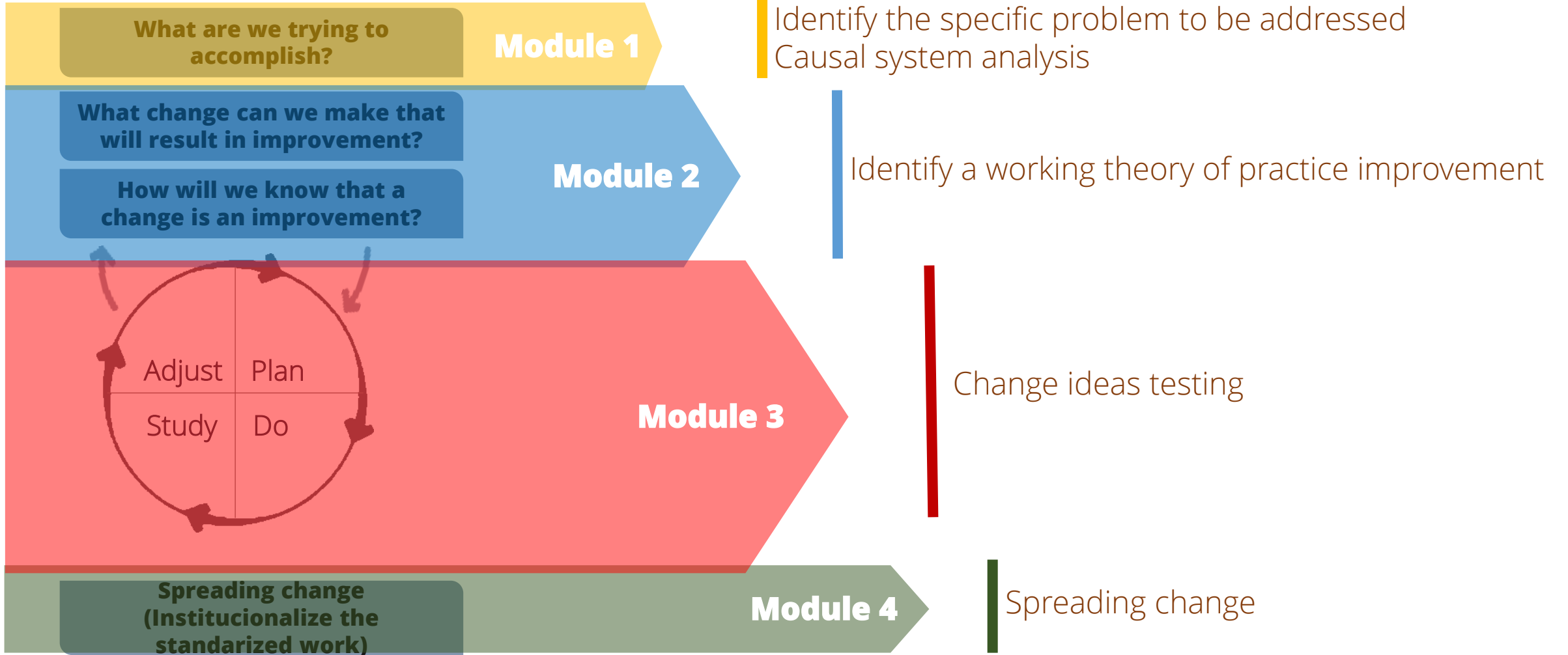


Certificate Program main characteristics



2021	2022	2023
24 directors 3 district supervisor	16 directors 1 district supervisor	40 directors 6 district supervisors
Blended Competency based curriculum Six month long Coaching sessions Portfolio		

Model of Improvement



What did the students learn?

Excellent + satisfactory levels

2021

Pre Test Post Test

1. Causal system analysis	40%	88%
2. Improvement aims design	0%	76%
3. Measurements design	12%	80%
4. Change ideas design	52%	84%
5. Data recollection	12%	40%
6. Data analysis	8%	68%
7. Leadership to drive change	20%	72%

N = 25

Excellent+ satisfactory levels

2022

Pre Test Post Test

1. Causal system analysis	50%	88%
2. Improvement aims design	13%	88%
3. Measurements design	13%	50%
4. Change ideas design	50%	100%
5. Data recollection	0%	50%
6. Data analysis	25%	100%
7. Leadership to drive change	50%	100%

N = 08

¡THANK YOU!



Follow us

 /FunOportunidad

 @fun_oportunidad

 @Fun_Oportunidad

 /company/fundacion-educacional-oportunidad

Libro pdf
Aprendiendo a mejorar: seis principios del
mejoramiento continuo en educación



Herramienta
Tres herramientas para identificar causas de
problemas

