

# ¡Red card to energy waste!

¡Tarjeta roja al gasto de energía!

¡Cartão vermelho ao desperdício de energia!





# Context



**Country:** Latinolandia - Tropical hot weather - FIFA WORLD CHAMPION 2022

**Sector:** School buildings

## Characteristics:

- Schools have a significant electrical consumption (second largest)
- Significant number of old and inefficient buildings and appliances (A/C, lighting)
- Many of the current classroom don't inspire learning
- The country already has existing MEPS
- Public schools can be the entry point to other public sector buildings

**Schools can serve as living labs to inspire change**

# Red card to energy waste!

Goal - 20% reduction of baseline by 2030



## REGULATION

NEW - Sustainable construction code for existing buildings

- Mandatory for public schools
- Voluntary for private schools

The public sector can lead with example!

Air conditioning and lighting equipment must be 15% more efficient than the MEPS established in the standard.

## INFORMATION

Schools will have access to the equipment catalogs and technical assistance in charge of the Ministry of education..

The ministry must ensure the validity and relevance of the acquisition of equipment

## INCENTIVES

Energy Savings to Scholarships.

Award to the best school energy performance.

Preference to manufacturers and providers of the best energy efficiency solutions

The government will reward schools with the best energy performance annually with the installation of photovoltaic systems.

# Evaluation

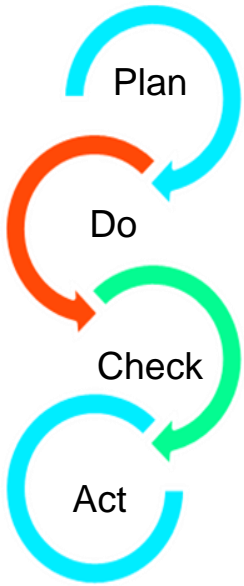


**Baseline** - current consumption  
200kWh/m<sup>2</sup> (2022)

**An standardized format** with detailed criteria will provide the main inputs for the evaluation of the impact of the policy.

**Gender disaggregated indicators** will be employed

**Comfort and academic performance** will be measured



Program  
very satisfactory  
more time for debating  
continue issues of  
plenaries in classes  
mix the groups  
make clear for whom the  
courses are  
"bad" evenings: chamber of  
goal → media  
Social  
We liked it  
discussing ideas  
major insights  
differing bet. classes  
→ google group ancora  
"time for friends"  
email list (oversophi.



# Communication strategy



**Awareness raising** in schools about energy efficiency through the universal language of football

**Main message:** Improving the classroom conditions for students, to have better citizens and a better country

**Spokespeople:** Football players will be engaged to deliver the message to relevant stakeholders.





# Dream team members



1. Claudia Paratori, Chile, Appliances and equipment
2. Didi Lay, Panama, Appliances and equipment
3. Efraim Castellanos, Mexico, Indicators
4. Esteban Bermudez, Costa Rica, Indicators
5. Jerney Alvarado, Costa Rica, Indicators
6. Joel Siordia, Buildings
7. Maria Antonia González, Colombia, Appliances
8. Maria Fernanda Pinheiro, Brazil, Indicators
9. Marta Bernal, Panama, Indicators and Evaluation
10. Norma Rodriguez, Mexico, Buildings
11. Paola Sandoval, Argentina, Buildings
12. Walter Morales Miranda, Bolivia, Communication
13. Martin Arias, Mexico



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