

# Introduction to the ProVac Initiative

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## E-toolkit training module

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# Contents of this presentation

- Purpose and audiences for this video
- Background and history of the ProVac Initiative
- How ProVac supports countries
- What makes ProVac unique
- ProVac's support to countries to date
- Conclusion

# Purpose and audiences for this video

**Purpose:** provide an overview of the ProVac Initiative, including:

- what it is
- how it helps countries
- what makes it unique

## **Audiences:**

- ***National immunization program*** teams looking to conduct a ProVac analysis with support from the ProVac Initiative.
- ***National health policymakers*** who will receive the results of a ProVac analysis to inform a future decision around immunization.
- ***Governmental, academic, or other stakeholders*** interested in better understanding how ProVac analyses are developed and supported.

# Background - PAHO's ProVac Initiative

- Launched in 2004, as a **model for enhancing evidence-based capacity to make informed policy decisions on the introduction of new vaccines in the Americas.**
- Context:
  - rapidly expanding immunization schedules targeting a wider age range
  - expensive new vaccines
  - challenges for sustaining the programs
- In response to countries' need to:
  - Make **nationally-based** decisions
  - Use **broad-based evidence** to support decisions
  - Enhance **infrastructure** in place that can support nationally based processes



## Goal of the ProVac Initiative

Strengthen **evidence-based decision making** on immunization to sustain and further the public health impact of the **immunization programs**

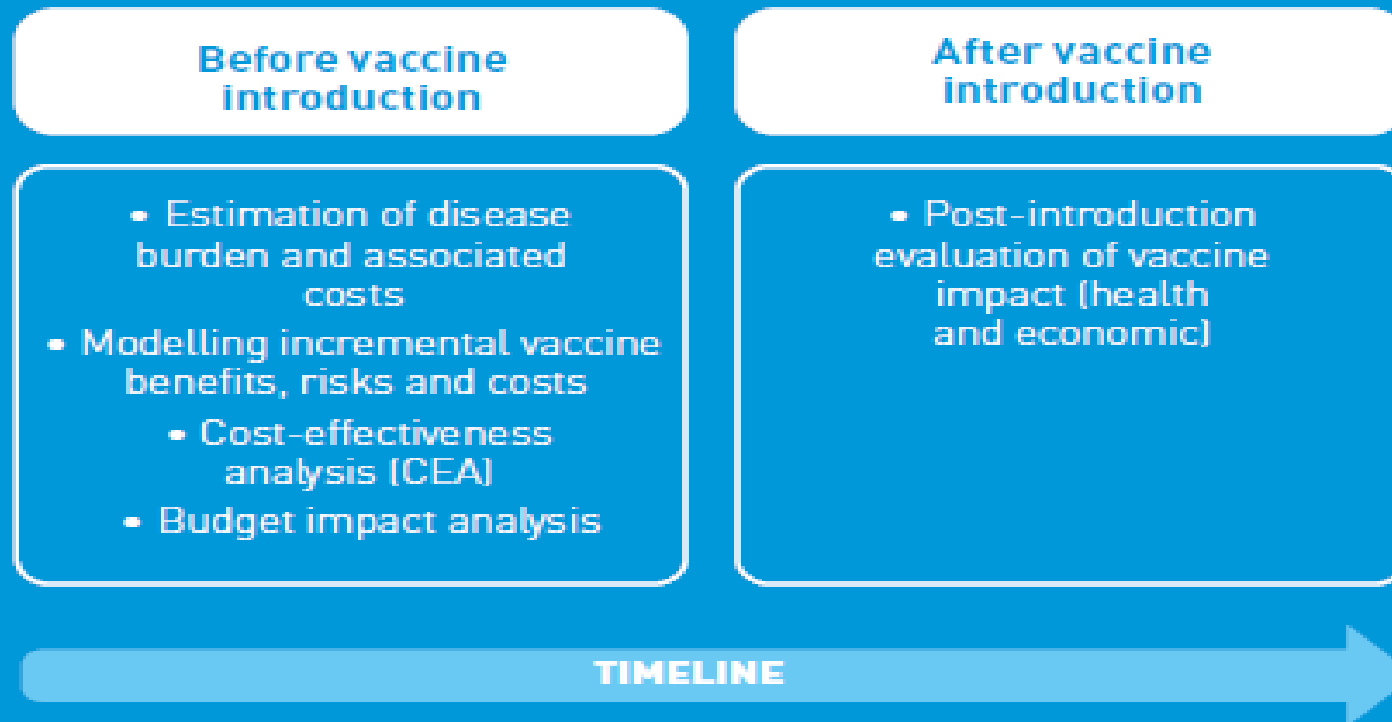
## ProVac's objectives

- 1 Develop tools and methods to support evidence-based decisions on immunization
- 2 Provide training to national teams on tools and methods for evidence-based decisions on immunization
- 3 Generate evidence by providing direct technical support to national teams and groups responsible for making immunization policy recommendations

## ProVac's areas of work

- 1 Economics of new vaccine introduction
- 2 Performance optimization of immunization programs
- 3 Post-introduction evaluation of vaccine impact
- 4 Strengthening of National Immunization Technical Advisory Groups (NITAGs) and PAHO's regional Technical Advisory Group on vaccine-preventable diseases (TAG)

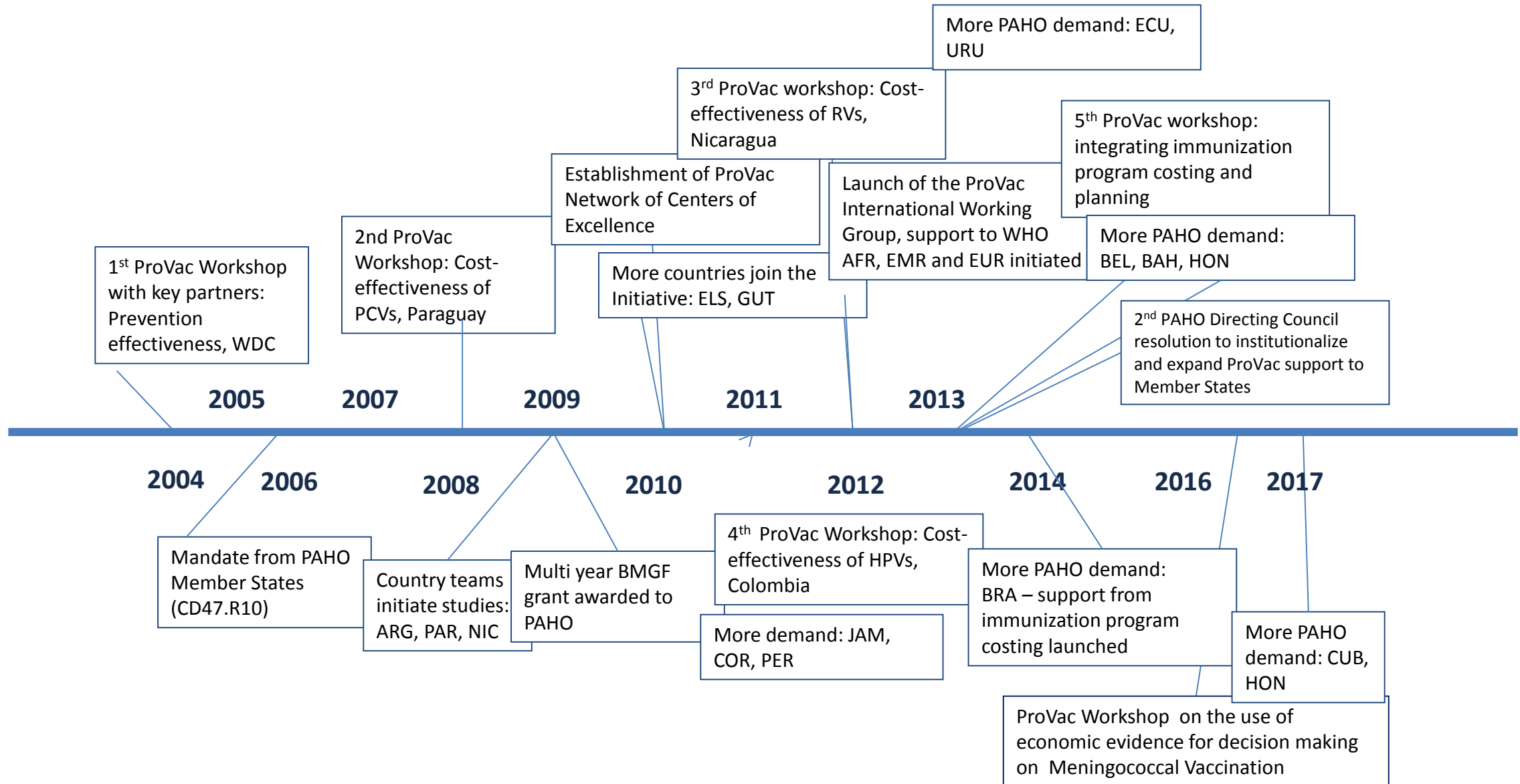
# ProVac supports evidence generation to inform key immunization policy and programmatic decisions:



**At any point:**

- NITAG strengthening
- Immunization program costing
- Program performance optimization

# ProVac's 14 years of supporting evidence based immunization policy in the Americas and beyond



# ProVac key achievements

- 15 PCV
- 11 Rotavirus vaccine
- 15 HPV



Training and direct technical **support** to countries for over **10 years**

**300** participants from **25** countries were trained through regional workshops on vaccine economic evaluations

**43**

country-level vaccine **cost-effectiveness** analyses (CEA)

**4**

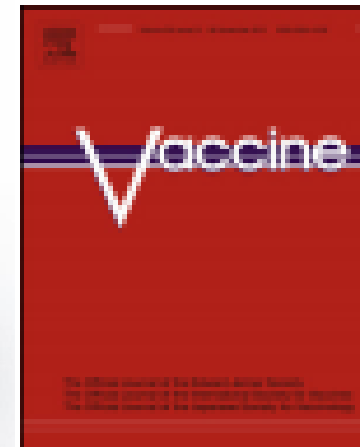
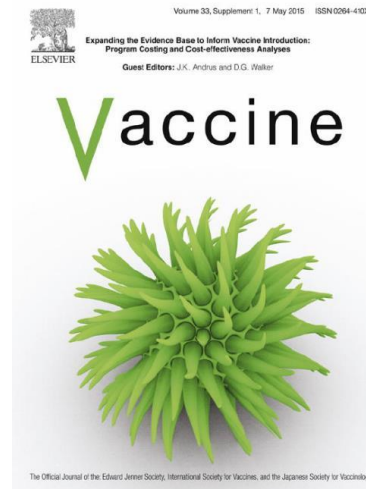
program **costing** studies

**20**

NITAGs strengthened through direct support

Promoting publication of national country studies/evidence:

- 9 economic evaluations in Latin America and the Caribbean





# What makes ProVac unique?



- Builds in-country technical capacity
- Brings together local experts from the ministries of health, other governmental agencies and academic centers

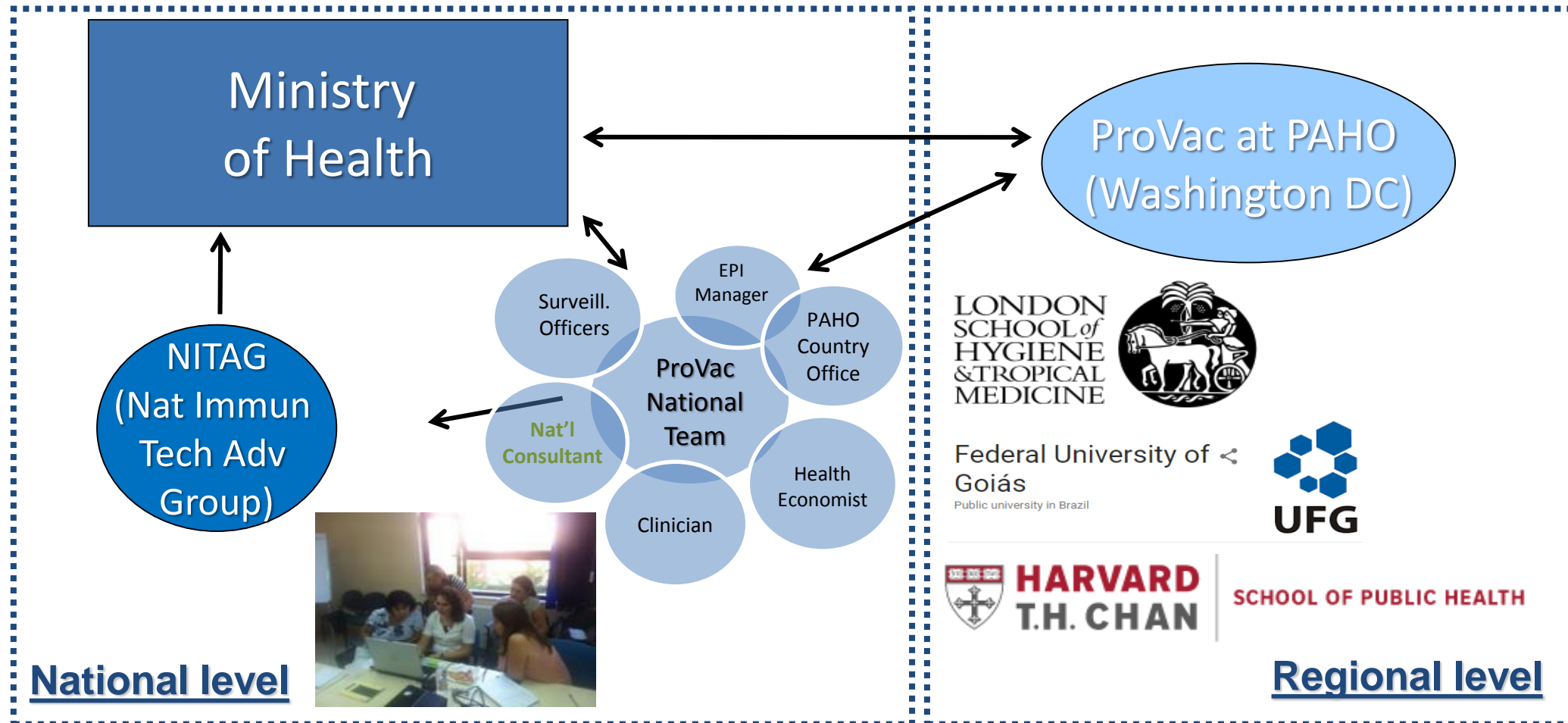
- Approach to preparing and facilitating national economic analyses promotes country ownership of the decision



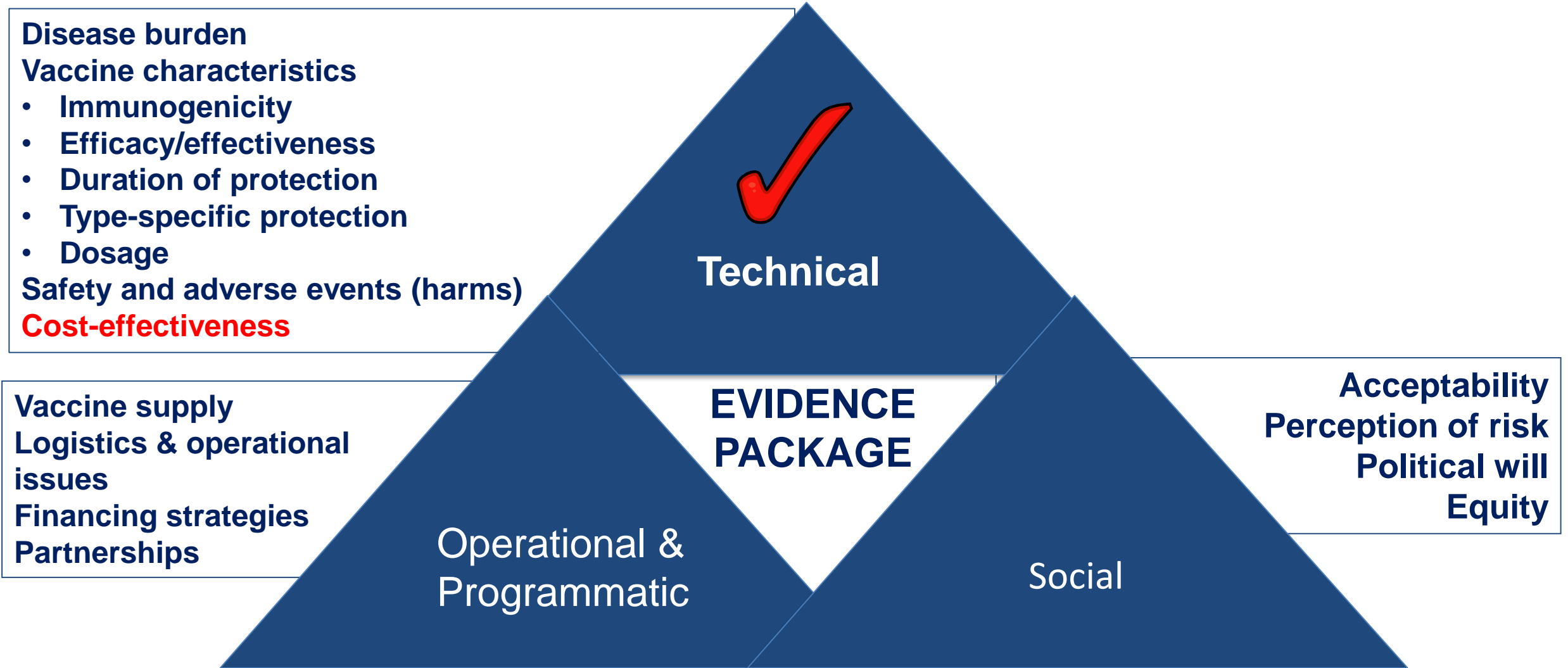
# PAHO's ProVac country support

## ProVac team:

- ✓ Expertise in economics, epidemiology and decision-support modeling
- ✓ Experience in low and middle income countries



# Framework for vaccine policymaking at country-level



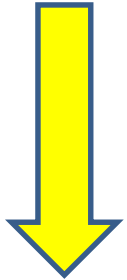
Source: Andrus, JK., Toscano, CM., Lewis, M., Oliveira, L. , et al. 2007, "A model for enhancing evidence-based capacity to make informed policy decisions on the introduction of new vaccines in the Americas: PAHO's ProVac Initiative", *Public Health Reports*, 122(6): 811-816.

# Sustainable impact...

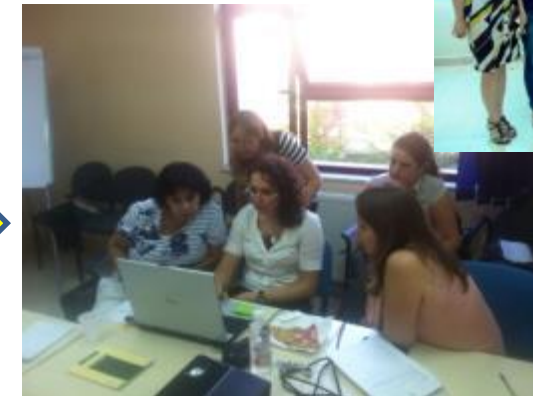


National Vaccine Committees [NITAGs]

ProVac Models



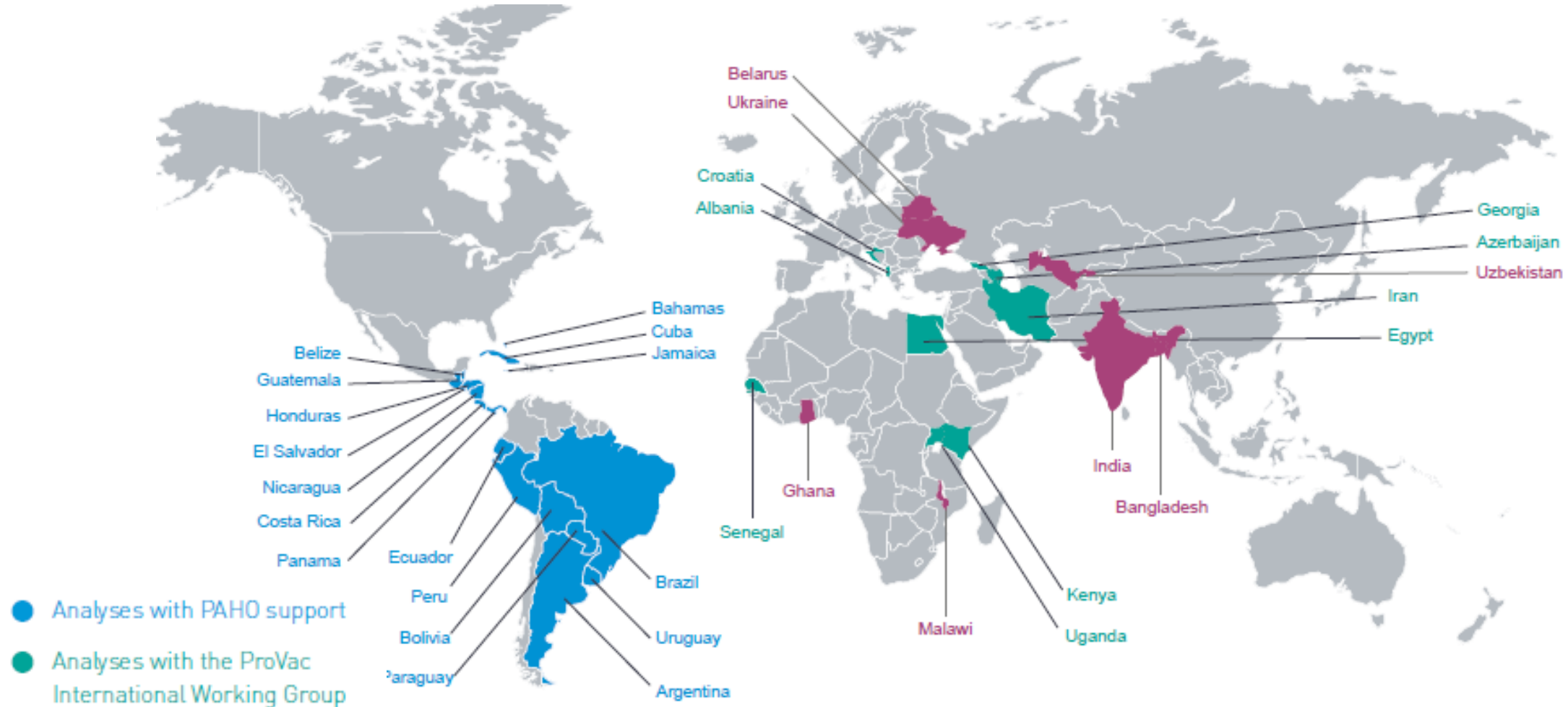
PAHO Regional Training Workshops



Country CEA study (MoH-led team)<sup>12</sup>



# ProVac - GEOGRAPHIC SCOPE



- PAHO-based initiative, primary focus on the Americas.
- Tools and lessons learned shared globally.

# CONCLUSION

- Country ownership of the analysis.
- End result is evidence for sustainable programs.
- Builds technical capacity in the country.
- Brings together local experts.



*Tools for  
evidence-based decisions  
on new vaccines*



**Pan American  
Health  
Organization**



**World Health  
Organization**  
REGIONAL OFFICE FOR THE  
**Americas**

# If you want to know more about...

- The PAHO/WHO ProVac initiative

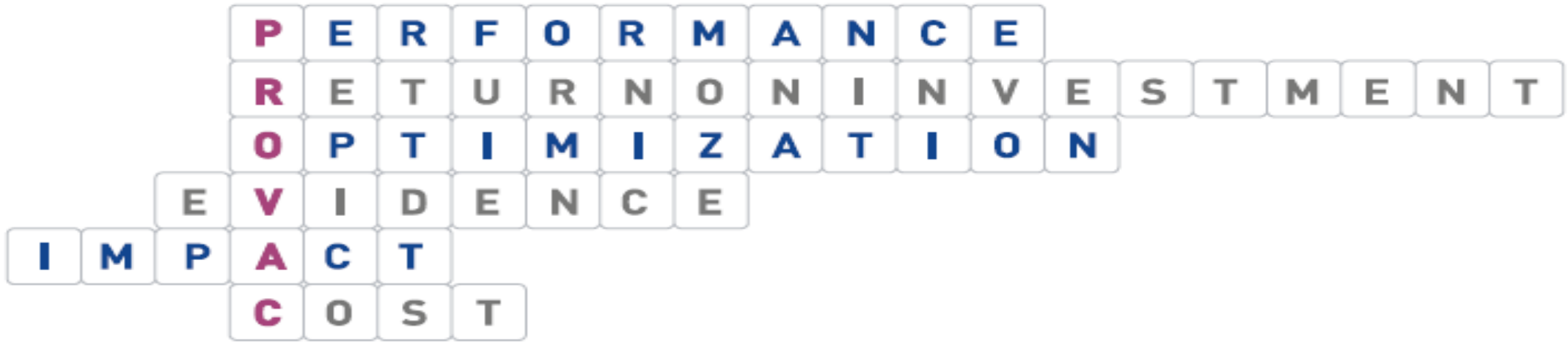
<http://www.paho.org/provac/>

- The ProVac toolkit

<http://www.provac-toolkit.com/>

- Partners





Thank you  
Gracias  
Obrigada  
Merci

[www.provac-toolkit.com](http://www.provac-toolkit.com)