



# 7<sup>TH</sup> GLOBAL FORUM ON TB VACCINES

8-10 October 2024  
Rio de Janeiro, Brazil

Driving innovation from discovery to access

**DOPASI**  
FOUNDATION



## **From Hesitation to Implementation: Empowering Pakistan's Health System for TB Preventive Treatment Success**

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**Presenter:**

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# Background

- In Pakistan, the only TB vaccine, Bacillus Calmette Guérin (BCG), provides limited protection, leading to reliance on TB Preventive Therapy (TPT) for adults and at-risk groups.
- No TB Vaccine exists for adults or non-severe forms of TB
- The recent introduction of 3HP drugs (Isoniazid and Rifapentine) caught the health system unprepared.
- The Dopasi Foundation responded with significant health system strengthening (HSS) and advocacy to facilitate TPT implementation.

# Methodology

- Timeline: August 2023 to April 2024.
- 9 districts from 3 major provinces; Punjab, KP and Sindh
- Target groups:



Household contacts



Healthcare Workers



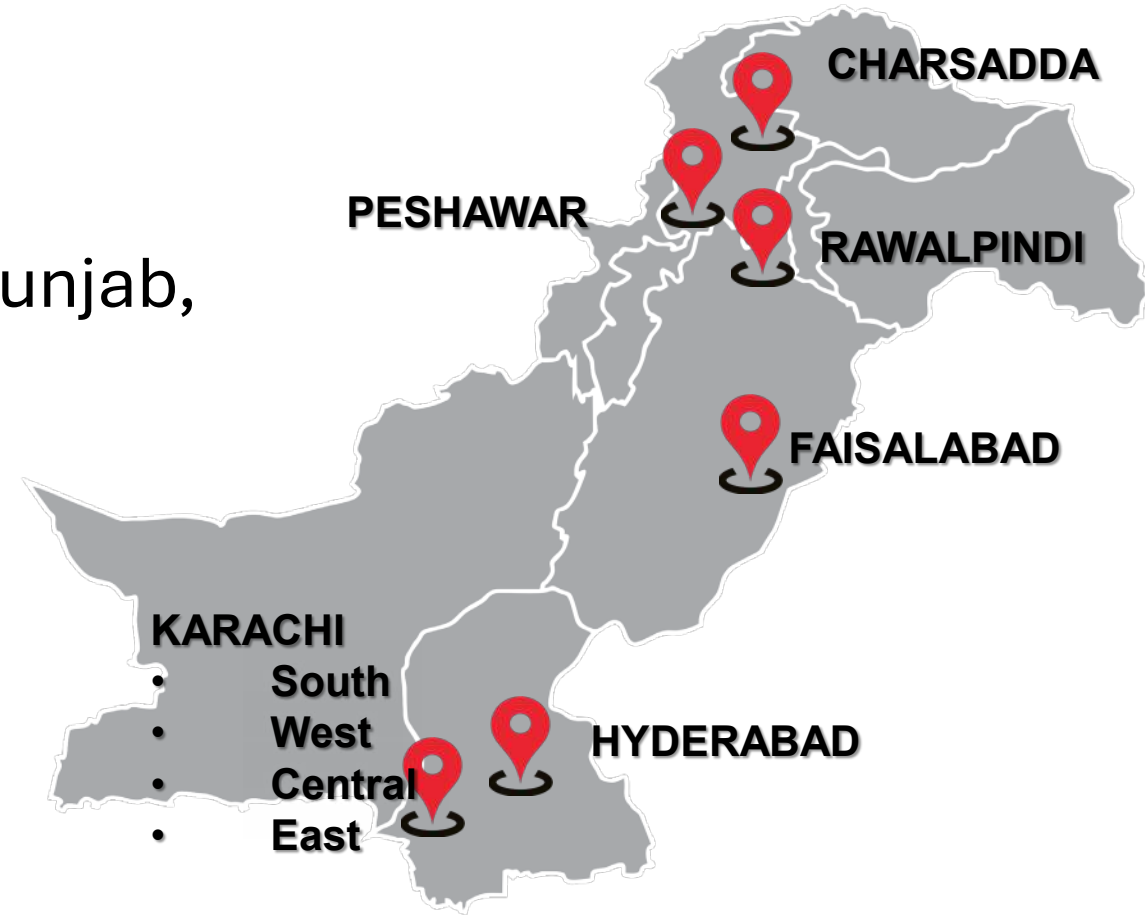
Refugees



Prison inmates



Trans genders



# Methodology

## Capacity Building:

- District Chest Specialists
- Medical Officers
- DOTS Facilitators
- Provincial Monitors

## Digital Solution:

- ePreventTB application development

## Implementation:

- ACF Activities
- Contact Screening
- R&R Tools printing

## Advocacy:

- Parliamentarians
- National (CMU)
- Provincial (PTP Punjab)
- District
- Chest Specialists
- Pakistan Chest Society

## Impact Analysis:

- Adherence and outcome surveillance





# Results

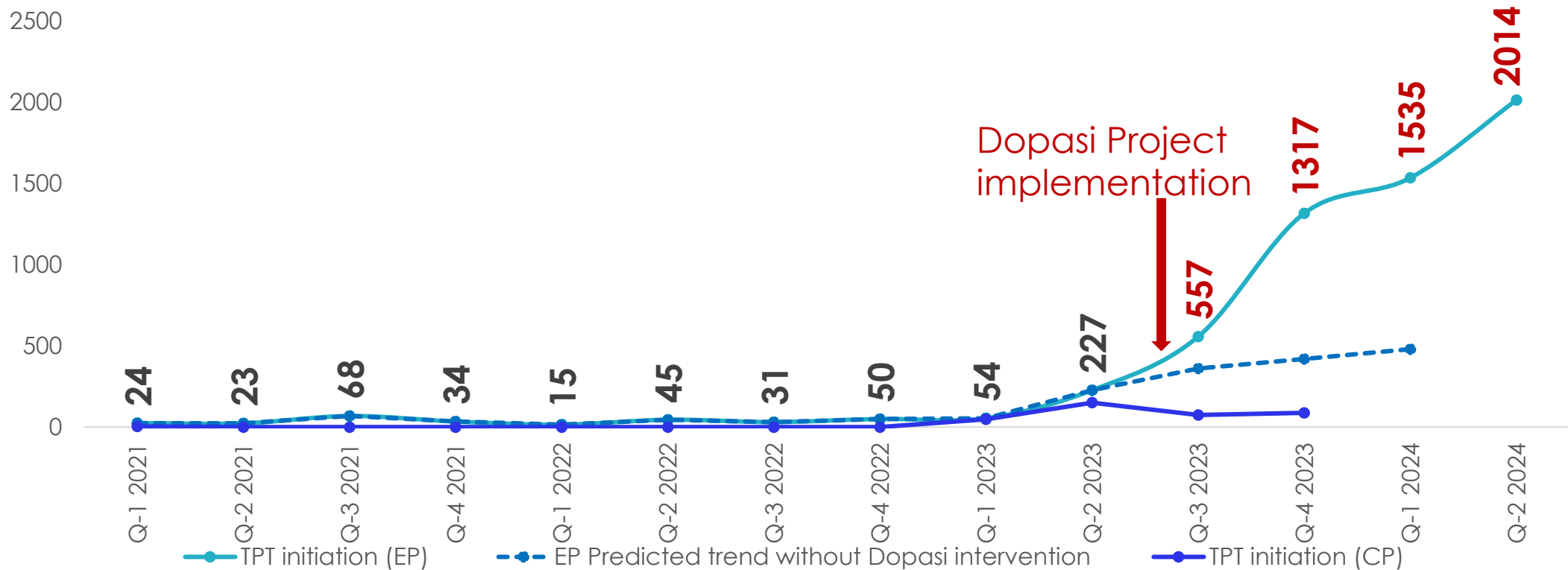
- This strategy led to successful TPT integration
  - across 61 Basic Management Units, with
  - **training for over 450 healthcare providers and volunteers.**



# Results

Of the 10,624 individuals screened,

- 7,747 were eligible for TPT,
- 5,423 initiated treatment.



# Discussion



The successful implementation of TPT showcases the effectiveness of dedicated HSS in overcoming challenges in TB prevention in Pakistan.



These efforts have established a foundation that can be leveraged for future TB vaccine deployment.



## Conclusion

The lessons learned here are directly applicable to the potential introduction of a new TB vaccine, likely enhancing public acceptance and implementation effectiveness.



# Acknowledgement

- Stop TB Partnership's TB Reach Initiative
- National, Provincial and District stakeholders
- HQ and Field Staff



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