The Stop TB/USAID introducing New Tools Project (iNTP)

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The *introducing New Tools Project (iNTP)*: background

- Collaboration between Stop TB and USAID to introduce innovative diagnostics, treatments and digital health technologies into 11 high-burden countries

63 ultra-portable digital X-ray systems - DELFT Light and Fujifilm XAIR: 7 countries

63 systems for computer-aided detection of TB – DELFT CAD4TB: 7 countries

301 Molbio Truenat systems and tests for 584,000 people: 9 countries

Targeted next-generation sequencing for drug susceptibility testing: 1 country

Diagnostics connectivity solutions for GenêXpert and Truenat networks: 8 countries

Digital treatment adherence and support technologies - 99DOTS and VOT for 54,000 people: 5 countries

QIAGEN QFT-Plus IGRAs for detection of TB infection in 20,000 people: 3 countries

TB preventive therapy for 170,000 people: 6 countries
The introducing New Tools Project (iNTP): objectives and approach

- iNTP aims to introduce new tools to:
  - Help countries reach UNHLM targets for the detection and treatment of TB, drug-resistant TB and TB infection
  - Demonstrate feasibility of using these tools and guide wider scale-up
- $26.8 million of commodities: products have been supplied via Stop TB’s GDF and through monetary grants to local organizations
- Stop TB and USAID are collaborating in programmatic planning, organization of trainings, implementation research and monitoring product implementation
- USAID supports in-country implementation through Missions and implementing partners
Practical guidance and training packages developed under the iNTP

Practical guides and training packages for Truenat and X-ray/CAD have been developed by Stop TB and USAID.
The *introducing New Tools Project (iNTP): status of implementation*

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<tbody>
<tr>
<td><strong>Truenat</strong></td>
<td>Trainings and installations completed in 5 of 9 countries; testing underway</td>
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<tr>
<td><strong>Ultraportable X-ray/CAD</strong></td>
<td>Trainings and installations completed in 5 of 7 countries; 1 country has piloted use of X-ray/CAD with Truenat in active case finding</td>
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<td><strong>IGRA testing</strong></td>
<td>Testing underway in 1 of 3 countries</td>
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<td><strong>Sequencing</strong></td>
<td>Testing starting in June</td>
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<td><strong>TB preventive therapy</strong></td>
<td>Use underway in 4 of 6 countries</td>
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<td><strong>Medication sleeves / VOT</strong></td>
<td>Enrollment of people with TB started in 3 of 5 countries</td>
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<tr>
<td><strong>Connectivity</strong></td>
<td>Activities underway in 6 of 8 countries</td>
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The *introducing New Tools Project (iNTP): lessons learned*

- Launch of periodic Stop TB webinars for countries to exchange experiences, including on use of Truenat and X-ray/CAD:
  - Optimal programmatic planning and preparations
  - Demonstration of feasibility including in remote settings
  - Engaging key stakeholders

**Next steps:**

- Ensure lessons learned are shared with other countries and global stakeholders, including through case studies
- Ensure optimal instrument uptime, including with engagement of manufacturers
- Ensure project countries are planning for scale-up based on early experience
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National TB Programmes