

# Re-imagining TB Care

Transforming *when, where, and how* services are accessed and delivered

# Current challenges & opportunities

Some lessons learned and emerging trends from COVID-19

## Challenges



### Vulnerable

(disruption to essential services across diseases)



### Outdated

(use of legacy approaches and solutions)



### Inequitable

(not all people and communities, particularly the most marginalized, can access and receive care)



### Unsustainable

(unable to meet the evolving needs of the population)

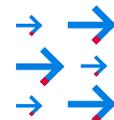
## Opportunities



Unprecedented shock to health systems caused by COVID-19 has forced us to **pressure test current assumptions, approaches, and infrastructure** in how services are accessed and delivered and to prepare for and respond to future health emergencies and/or pandemics

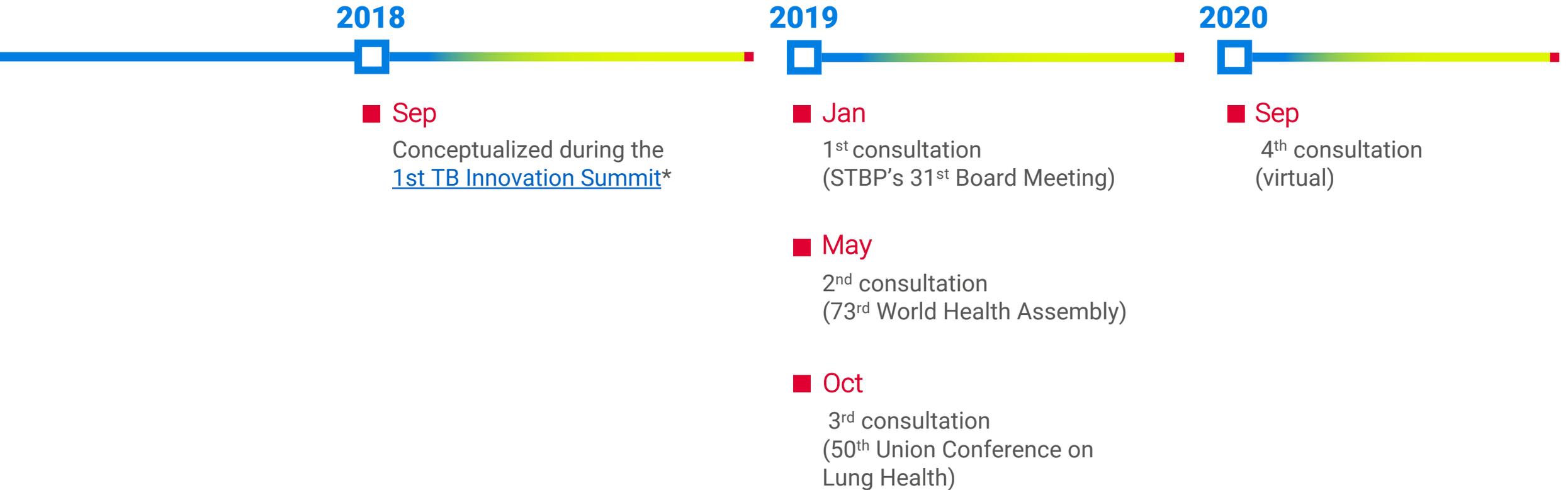


COVID-19 has increased the need to **identify and rely on new and alternative ways and solutions** to safely and effectively access and deliver services



STBP has been at the **forefront of engaging with innovators**, including SMEs and start-ups, and, for over 7 years, have been **rolling-out digital solutions**

# Background



\*Co-organized by STBP, J&J, UN Foundation, Global Fund & World Economic Forum

# Guiding principles

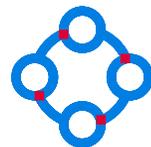
Core values that will anchor and steer the Re-imagining TB Care initiative to achieve its mission

**Collaborate and coordinate with a broad spectrum of country and global partners** from across sectors to avoid duplication and maximize synergies



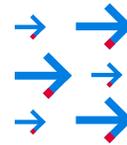
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**Facilitate South-to-South collaboration** between country partners



4

**Driven by “hopes and dreams” identified by country partners,** particularly TB affected people and communities, healthcare providers, and country programmes



1

**Take a multi-disease and a platform approach** in how services are accessed and delivered since many digital solutions will have applicability for TB and across diseases



2

**Ensure activities and deliverables are equitable, inclusive, and gender-responsive** and help to **reduce critical barriers** for TB affected people and communities, particularly the most marginalized



3

# Mission, strategies & objectives



Transform **when, where** and **how** services are accessed and delivered for TB, other lung- and respiratory-based illnesses (COVID-19, lung cancer, etc.), and TB co-morbidities (HIV, diabetes, etc.) in TB affected countries



**Improve** TB affected people's and communities' experiences with differentiated and integrated care based on their daily lives, behaviors, and preferences ("make it convenient and easy as possible for them to access services")

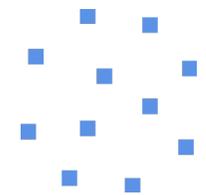
**Catalyze** community- and home-based care ("neighborhood and doorstep" care) for TB affected people and communities

**Strengthen** the digital and ICT ecosystem and infrastructure in TB affected countries

## OBJECTIVE 1

Identify, source & prioritize digital solutions

Single, integrated strategy, and framework to identify, source, and prioritize digital solutions that will support the achievement of the Re-imagining TB Care initiative's mission and strategies

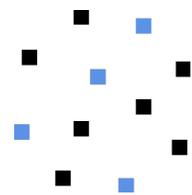


IDENTIFY & SOURCE

## OBJECTIVE 2

Accelerate the roll-out of prioritized digital solutions

Structured and coordinated product launch platform to rapidly introduce and scale-up prioritized digital solutions in 3-5 years (once they have entered the commercialization stage)

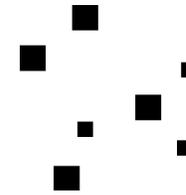


PRIORITIZE

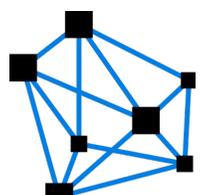
## OBJECTIVE 3

Enhance existing EHR systems

Prioritized digital solutions that are rolled-out are automated, connected, and linked with existing EHR systems



INTRODUCE & SCALE UP



CONNECT

# Current achievements



(2018-present)

## OBJECTIVE 1

Identify, source & prioritize digital solutions

- ✓ **4 ideal, people-centered TB care models conceptualized** (including for active TB, latent TB, childhood TB, and TB/HIV)
- ✓ **Landscape analysis of currently available TB innovations conducted**, including digital solutions, and ones coming down the pipeline across the TB care model
- ✓ **Human centered design workshop organized** to build empathy for TB affected people's and communities' experiences and perspectives
- ✓ **"Sandbox Network" launched** to conduct a rapid, preliminary assessment of digital solutions, particularly ones in the feasibility and acceptability stage

## OBJECTIVE 2

Accelerate the roll-out of prioritized digital solutions

- ✓ **Accelerator for Impact (a4i) mapped**, a structured and coordinated product launch platform with pre-identified stages, activities, and country and global partners, including detailed, country-specific implementation pathways for digital solutions in 5 countries (Myanmar, Nigeria, Philippines, Vietnam, and Zimbabwe)
- ✓ **Partnership agreement with Bamboo Capital Partners signed**, an impact investing platform, to co-launch the HEAL fund (US\$ 75 million blended finance investment vehicle)
- ✓ **9 Virtual Innovation Spotlights (VIS) organized** (~150 attendees per event, for a total of 1350+ attendees)

## OBJECTIVE 3

Enhance existing EHR systems

- ✓ **"Mapping Technology Landscape of National TB Programs" report co-developed** with the Global Fund and Microsoft Research to assess and understand the current digital solutions and ICT platforms leveraged across the TB care model in 13 TB affected countries (Bangladesh, Democratic Republic of Congo, India, Indonesia, Kenya, Mozambique, Nigeria, Philippines, South Africa, Tanzania, Uganda, Ukraine, and Zambia)
- ✓ **Call for proposals to "enhance existing EHR systems" launched** (12 proposals received from Burundi, Cambodia, China, Haiti, India, Pakistan, Philippines, South Africa, Uganda, and Vietnam)

# Future activities

(2021-22)



## OBJECTIVE 1

Identify, source & prioritize digital solutions

- **Develop the Re-imagining TB Care Innovation Strategy**, a single, integrated framework to identify, source, and prioritize digital solutions with country and global partners that will achieve the initiative's mission and could eventually be supported by a4i
- **Launch an online innovation sourcing platform** to identify and source SMEs and start-ups developing digital solutions for TB and across diseases, including from TB affected countries, that are aligned with the Re-imagining TB Care Innovation Strategy
- Continue to **build out the "Sandbox Network"**

## OBJECTIVE 2

Accelerate the roll-out of prioritized digital solutions

- **Further operationalize a4i** by supporting 1-2 digital solutions through the structured product launch platform with country and global partners and in partnership with the CCS4I team and TB REACH, and continue to **build out the platform**
- Similar to the partnership agreement with Bamboo Capital Partners, **explore opportunities with other impact investment firms/funds**

## OBJECTIVE 3

Enhance existing EHR systems

- **Implement selected projects** to "enhance existing EHR systems" in 2-4 countries
- Work with the Global Fund and their strategic initiatives on data teams, and in partnership with the CCS4I team, to potentially **scale-up selected projects to "enhance existing EHR systems"**

# Acknowledgements

In addition to highlighting how the Re-imagining TB Care initiative has been a collaborative effort with many country and global partners and across various constituencies and teams at the Stop TB Partnership, we would like to acknowledge **USAID's** overall funding to the organization and specific funding from **Chevron Corp.** and **US CDC** which contributed to the development of the initiative.

We would also like to express our gratitude for the planned funding from **KOICA**, particularly related to a4i and the further operationalization of a structured and coordinated product launch platform to accelerate the roll-out of digital solutions.

**Thank you!**