



# TARGET PRODUCT PROFILE FOR CDSS

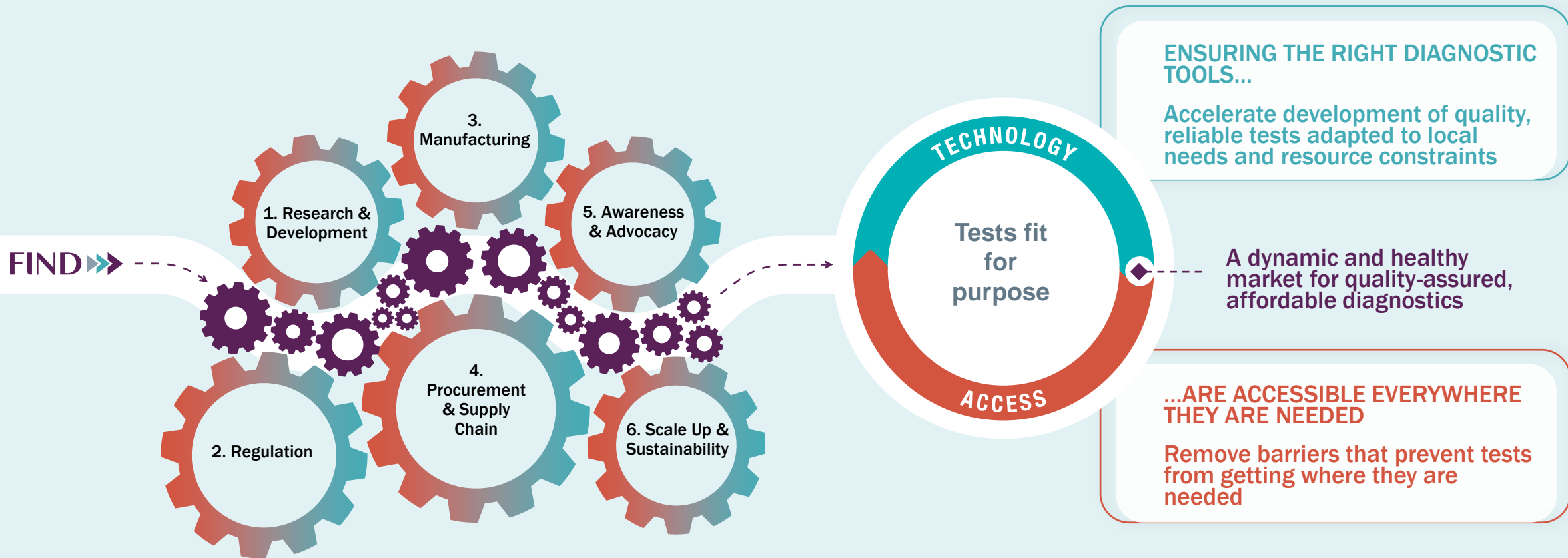
COLLABORATION FOR COMMON  
STANDARDS

Karell G. Pellé, PhD, Senior Scientist

Clinical Decision Support Systems: Features, Future and Fostering Collaboration, 8 February 2023



# FIND HAS BEEN WORKING WITH PARTNERS FOR 20 YEARS DRIVING INNOVATION AND DELIVERY OF DIAGNOSTICS



# PLOS ONE

OPEN ACCESS PEER-REVIEWED

RESEARCH ARTICLE

## Target Product Profile for a mobile app to read rapid diagnostic tests to strengthen infectious disease surveillance

Rigveda Kadam, Wallace White, Nicholas Banks, Zachary Katz, Sabine Dittrich, Cassandra Kelly-Cirino

Published: January 29, 2020 • <https://doi.org/10.1371/journal.pone.0228311>

Research

BMJ Global Health

## Redefining typhoid diagnosis: what would an improved test need to look like?

Richard G Mather<sup>1,2</sup>, Heidi Hopkins<sup>2</sup>, Christopher M Parry<sup>3,4</sup>, Sabine Dittrich<sup>1,5</sup>



### TARGET PRODUCT PROFILE 5:

#### Rapid test for diagnosis of malaria and screening for human trypanosomiasis (HAT)

This target product profile (TPP) includes 31 test features. These features represent requirements or specifications of the diagnostic tool to be developed. For each feature, a desired (optimal) target and a minimally accepted target are defined in a table.

To facilitate consensus building around this TPP, a Delphi-like survey process was used. For each TPP feature, an agreement percentage was calculated. Agreement was scored ranging from 1 to 5 (1-disagree, 2-somewhat disagree, 3-neither agree nor disagree, 4-agree, 5-fully agree). Participants were asked to provide comments when they did not agree with a statement (that is, when they scored a feature at 3 or lower).

BMC Cardiovascular Disorders

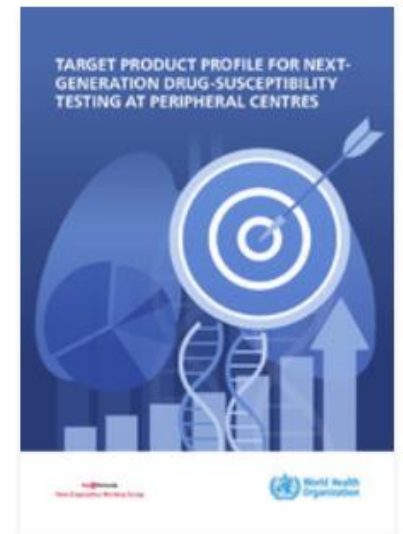


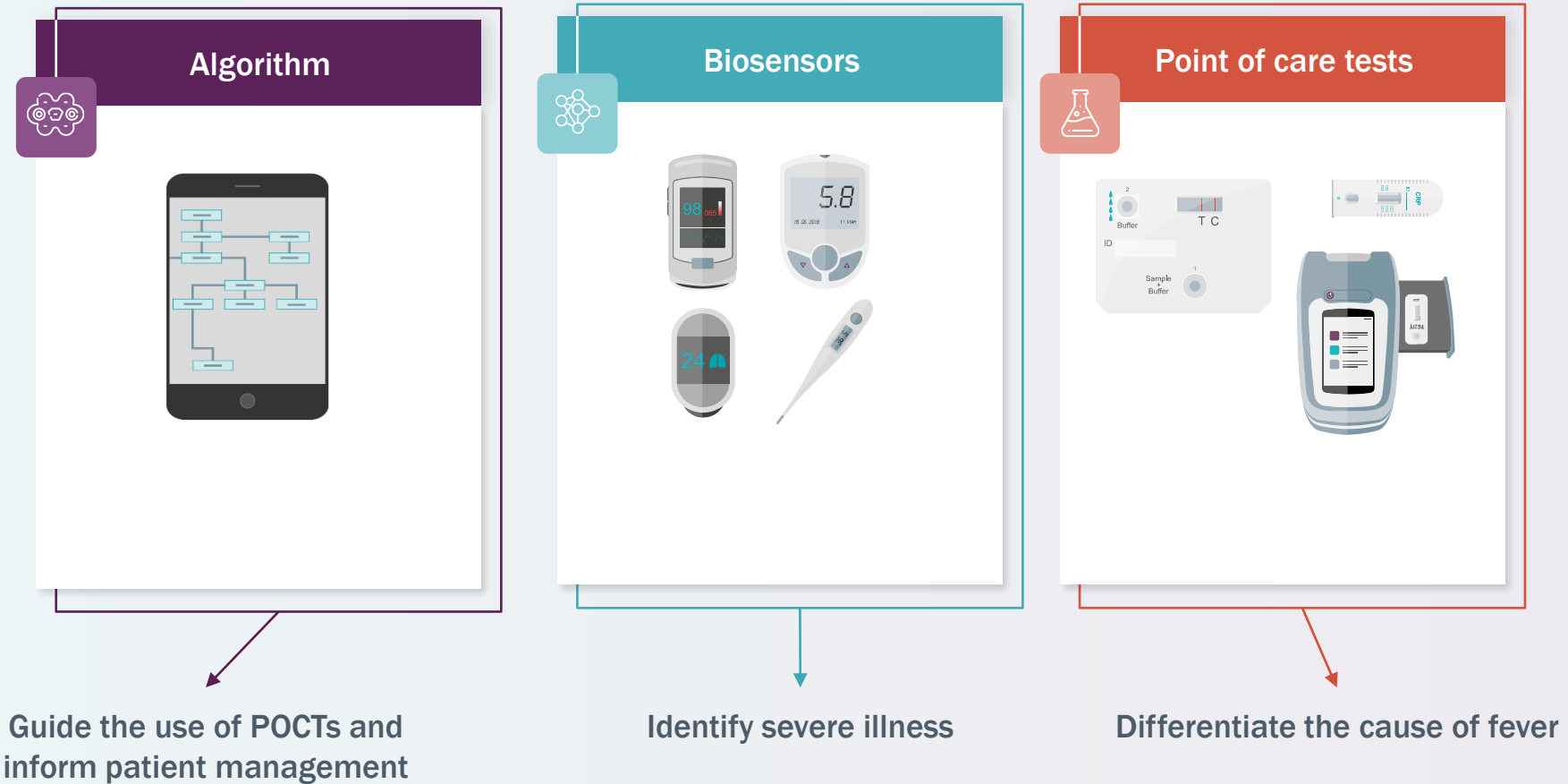
## Development of a target product profile for a point-of-care cardiometabolic device

Beatrice Vetter, David Beran, [...], and Sigiriya Aebischer Perone

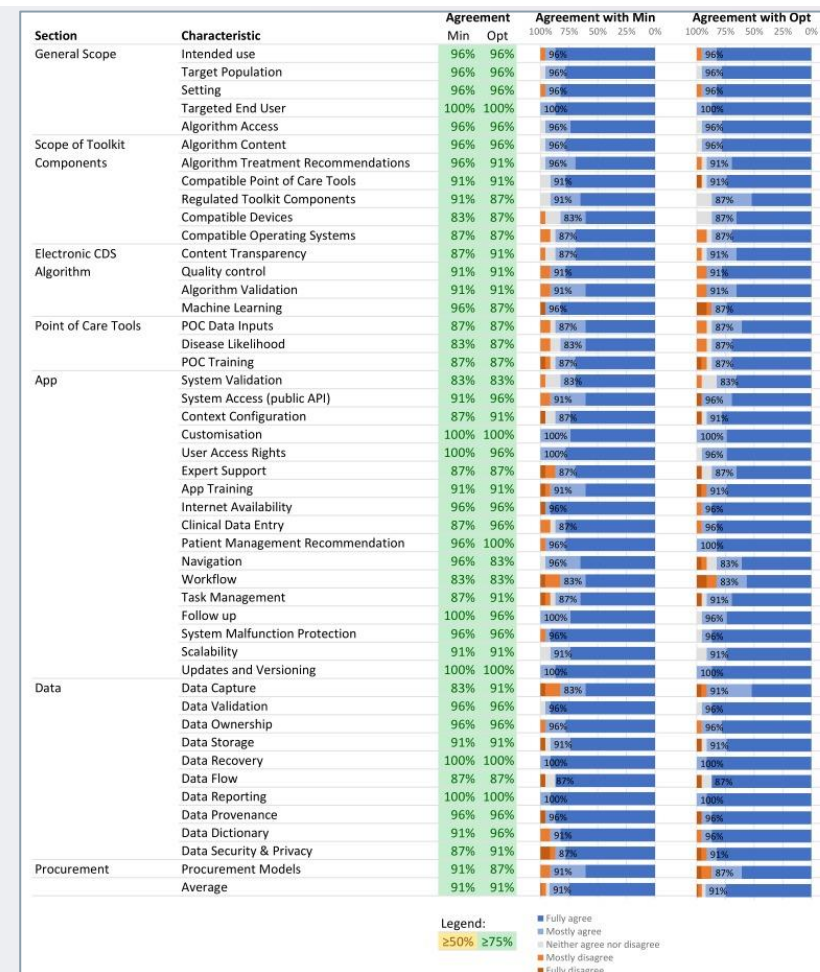
## Meeting Report

High-priority target product profiles for new tuberculosis diagnostics: report of a consensus meeting





# BUILDING MULTIDISCIPLINARY CONSENSUS FOR EVIDENCE-BASED CDSS

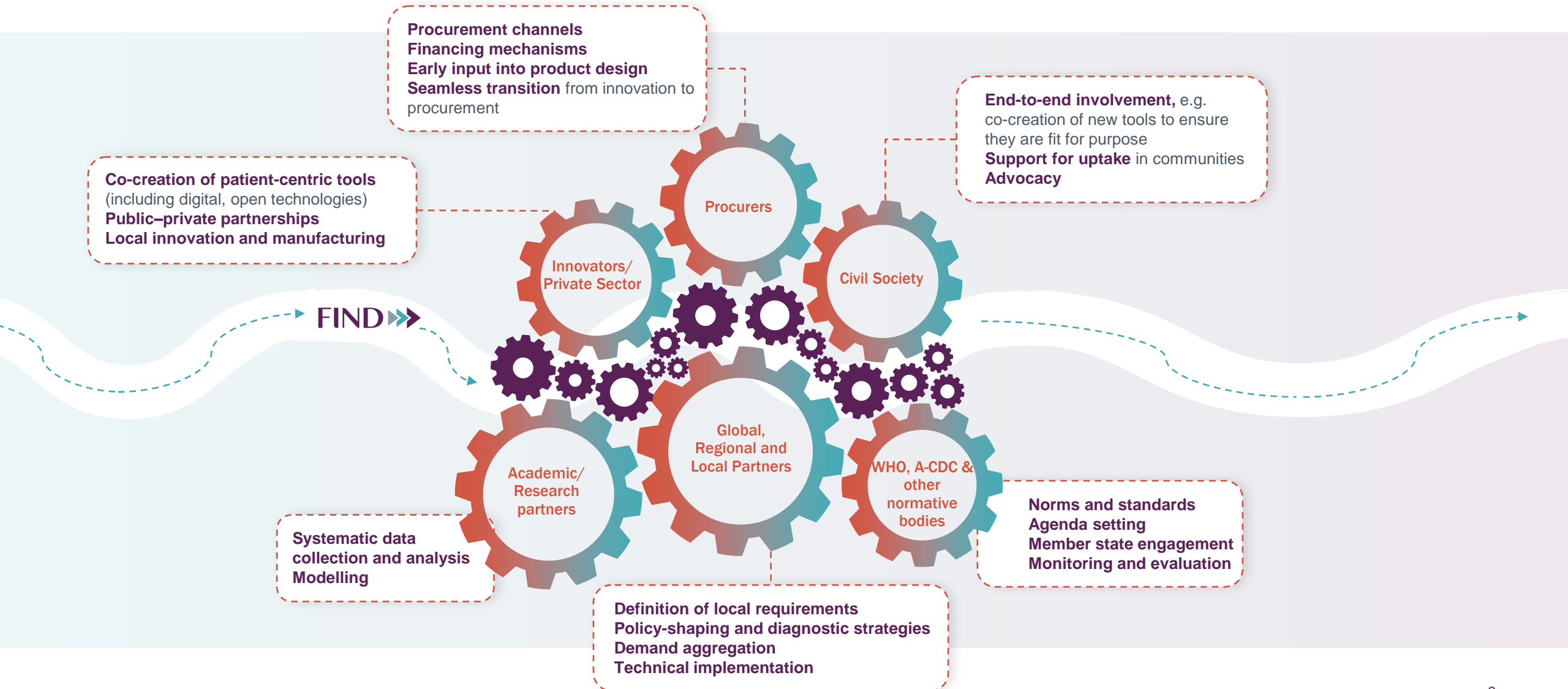


Final CDSS expert agreement for TPP characteristics\*

\*Pellé KG, Rambaud-Althaus C, D'Acremont V, et al. Electronic clinical decision support algorithms incorporating point-of-care diagnostic tests in low-resource settings: a target product profile. *BMJ Global Health* 2020;5:e002067.



# A COLLABORATIVE ECOSYSTEM TO MAXIMIZE LONG TERM IMPACT



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