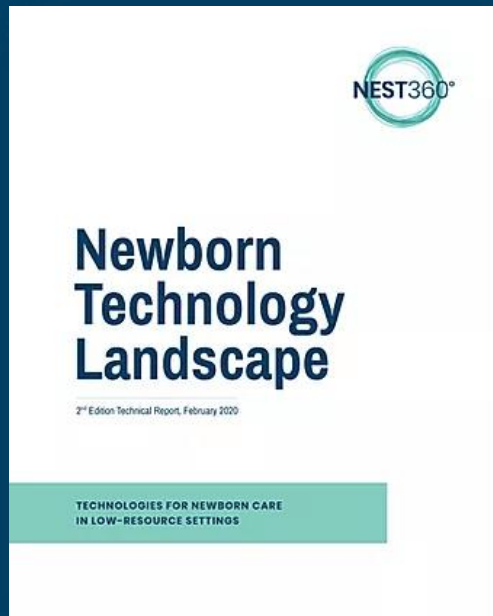


Newborn Target Product Profiles (TPPs)

Providers in low-resource settings often lack the tools needed to deliver quality newborn care



The Newborn Technology Landscape is a [publicly available document](#) highlighting technologies that are either commercially available or in development

There is an urgent need for neonatal technologies that are affordable, rugged, effective & simple to use



Newborn Target Product Profiles (TPPs) define characteristics for innovations that are needed to support the care of newborns in hospitals in low-resource settings

TPPs were created for 16 product categories

Hydration,
Nutrition, and
Drug Delivery



Jaundice
Management



Point-of-Care
Diagnostics



Infection
Prevention
and Control



Respiratory
Support



Thermal
Management



1. Syringe Pump

2. Bilirubinometer

3. Phototherapy

4. Glucometer

5. Hemoglobinometer

6. pH Monitor

7. Sepsis Diagnostic ¹

8. CPAP

9. Flow Splitter

10. Oxygen
Concentrator

11. Pulse Oximeter

12. Respiratory
Rate/Apnea Monitor

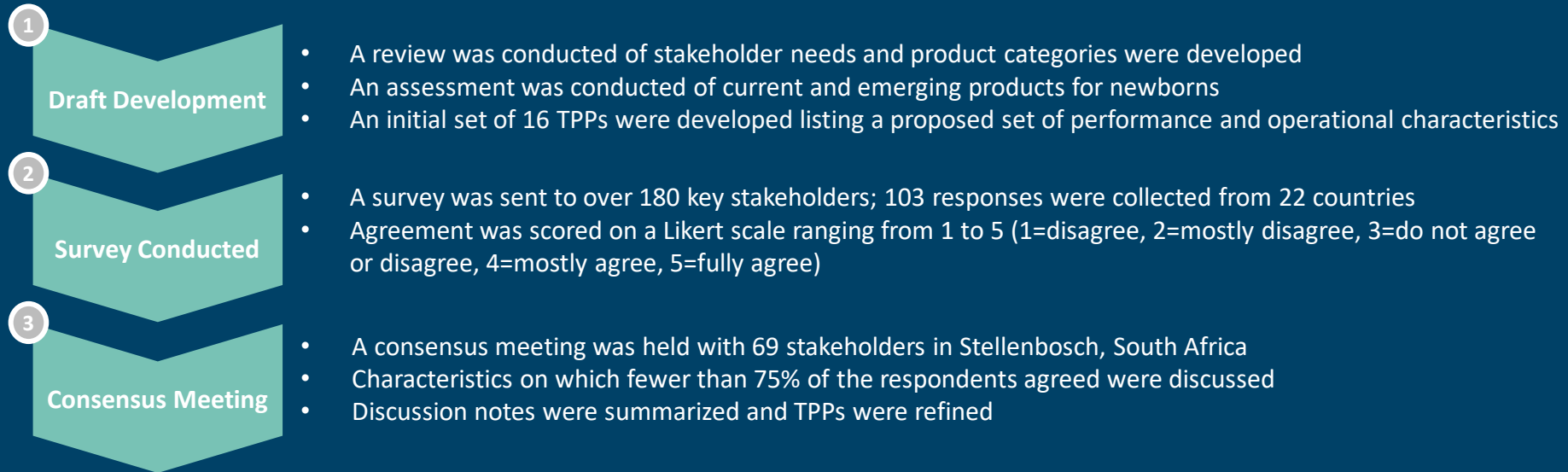
13. Suction Pump

14. Radiant Warmer

15. Temperature
Monitor


16. Conductive
Warmer

An extensive Delphi-like process informed the development of the TPPs




Key stakeholders - clinicians, implementers, representatives from Ministry of Health, advocacy organizations, international agencies, academic and technical researchers and members of industry – played an active role in the development of the TPPs


The TPPs are available as a public good on the UNICEF website [here](#)

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 Document

Target Product Profile: Newborn Care

In collaboration with UNICEF, NEST360 is driving the development of TPPs for newborn care.

About

Issued in April 2020

In collaboration with UNICEF, NEST360 is driving the development of target product profiles for newborn care in low-resource settings. Through a delphi-like process that culminated in an in-person consensus meeting, the TPPs were developed listing a proposed set of performance and operational characteristics for 16 newborn products across 6 product categories: Hydration, Nutrition and Drug Delivery; Jaundice Management; Point-of-Care Diagnostics; Infection Prevention and Control; Respiratory Support; and Thermal Management.

Download the document

All TPPs ▼

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(PDF, 3,33 MB)

