Paolo Chiesi Foundation

Accelerating change for a healthier future

PAOLO CHIESI FOUNDATION

01

The Paolo Chiesi Foundation

The Foundation

The Paolo Chiesi Foundation is a philanthropic organization established by Paolo Chiesi and his family, inspired by the belief that every person has the right to **access quality healthcare** and live a healthy life.

The Foundation supports **international scientific research** and **local development programs** to transfer medical-scientific knowledge and to empower families in the healthcare process, promoting **sustainable growth** and local communities' accountability.

Founded **in Parma (Italy) in 2005** and operational since 2010, the Foundation today operates in Benin, Burkina Faso, Burundi, Guyana, Côte d'Ivoire, Nepal, Peru, Senegal, Togo, and Uganda.



PAOLO CHIESI FOUNDATION

Our Mission

The Foundation aims to **reduce neonatal mortality** in sub-Saharan Africa and improve the health of patients affected by **chronic respiratory diseases** in the Global South through cost-effective interventions:

- **Capacity building** and **training** for healthcare professionals, patients, and families
- Delivering a package of **innovative and sustainable technologies** for health facilities
- Creating **strategic partnerships** with local, international, and institutional stakeholders
- **Data-driven** quality improvement approach



PAOLO CHIESI FOUNDATION

We envision a world where patients affected by respiratory diseases and all newborns in the Global South have equitable access to high-standard care.

PAOLO CHIESI FOUNDATION

The Management Board



Maria Paola Chiesi



Alberto Chiesi



Andrea Chiesi



Emma Greta Chiesi



Giacomo Chiesi



Maddalena Chiesi



Valentina Chiesi



Paolo Andrea De Bernardis



Massimo Salvadori

PAOLO CHIESI FOUNDATION

Our Team

OPERATIONAL TEAM



Massimo Salvadori

Managing Director



Federica Cassera

Neonatal Health Program Manager



Alessandra Folcio

Respiratory Health Program Manager



Lorenzo Picicco

Communication and Fundraising Manager

TECHNICAL ADVISORS



Federico Bianco

NEST Technical Advisor



Ousmane Ndiaye

NEST Technical Advisor



Mario Scuri

GASP Technical Advisor

PAOLO CHIESI FOUNDATION

The Technical Advisory Groups

GASP



William Checkley
Johns Hopkins University



Laura Nicolaou
Johns Hopkins University



Refiloe Masekela
University of KwaZulu-Natal



Robert Levy
University of British Columbia

NEST



Solange Ouedraogo
African Neonatal Association



Ousmane Ndiaye
Association de Pédiatres de Langue Française



Franck Houndjahoue
African Neonatal Association



Ousman Mouhamadou
Public Health Expert

PAOLO CHIESI FOUNDATION

02

Neonatal and Respiratory Care Scenario in the Global South

Alignment with 2030 Agenda SDGs

Our neonatal strategy is fully aligned with SDG 3 – Good Health & Well-Being



“Ensure healthy lives and promote well-being for all at all ages

We directly contribute to target 3.2 by improving neonatal care and reducing preventable deaths of newborns.



Target 3.2

By 2030, end preventable deaths of newborns and children under 5 years of age, reducing neonatal mortality to at least as low as **12 per 1,000 live births**

Neonatal Mortality Global Burden

1990

12.5 million

children died before turning 5 years old

5 million (40%)

were newborns

2024

4.9 million

children died before turning 5 years old

2.3 million (47%)

were newborns



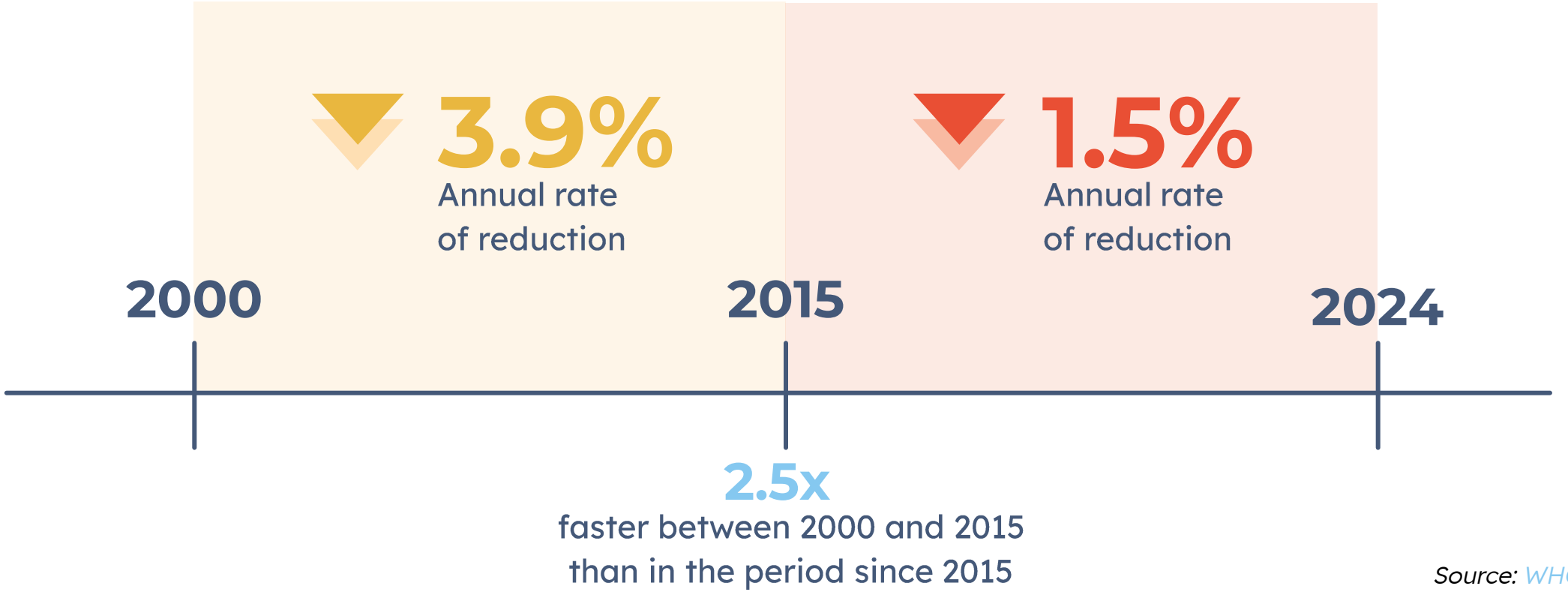
-60.8%

Source: WHO

PAOLO CHIESI FOUNDATION

But progress has slowed down...

At the global level, child survival has made remarkable gains, declining 60% since 1990, **but most progress occurred before 2015**.



Source: WHO

PAOLO CHIESI FOUNDATION

Neonatal Mortality in sub-Saharan Africa

26/1,000

Sub-Saharan Africa has the highest newborn mortality rate worldwide

4.6

Births per woman: highest fertility rate worldwide

11x

A child born here is 11 times more likely to die in the first month of life than one born in New Zealand

PAOLO CHIESI FOUNDATION

Source: WHO

Alignment with 2030 Agenda SDGs

Our respiratory care strategy is fully aligned with SDG 3 – Good Health & Well-Being



“Ensure healthy lives and promote well-being for all at all ages

We directly contribute to target 3.4 by improving diagnosis, treatment, and prevention of chronic respiratory diseases, such as asthma and COPD.



Target 3.4

By 2030, reduce by one third **premature mortality from non-communicable diseases** through prevention and treatment, and promote mental health and well-being

PAOLO CHIESI FOUNDATION

Air pollution as a risk factor for CRDs

99% of the global population lived in areas where WHO air quality guideline levels were exceeded in 2019

4.2 millions of premature deaths worldwide were also caused by outdoor air pollution in 2019

89% of these premature deaths took place in low- and middle-income countries

2.1 billions of people worldwide still rely on open fires or inefficient stoves powered by kerosene, biomass, and coal for cooking

78% of the world's population will have access to clean cooking by 2030, if current trends continue

2.9 millions of deaths were linked to household air pollution in 2021, including more than 309,000 children under the age of 5

6.7 millions of premature deaths are associated with the combined impact of outdoor and household air pollution each year



Source: WHO

PAOLO CHIESI FOUNDATION

COPD & Asthma Global Burden

COPD

3.4 million deaths

90%
of them occurred
in LMI countries

6%
of all deaths worldwide
(3rd leading cause)

ASTHMA

442,000 deaths

96%
of them occurred
in LMI countries

363 million
people affected
in 2023

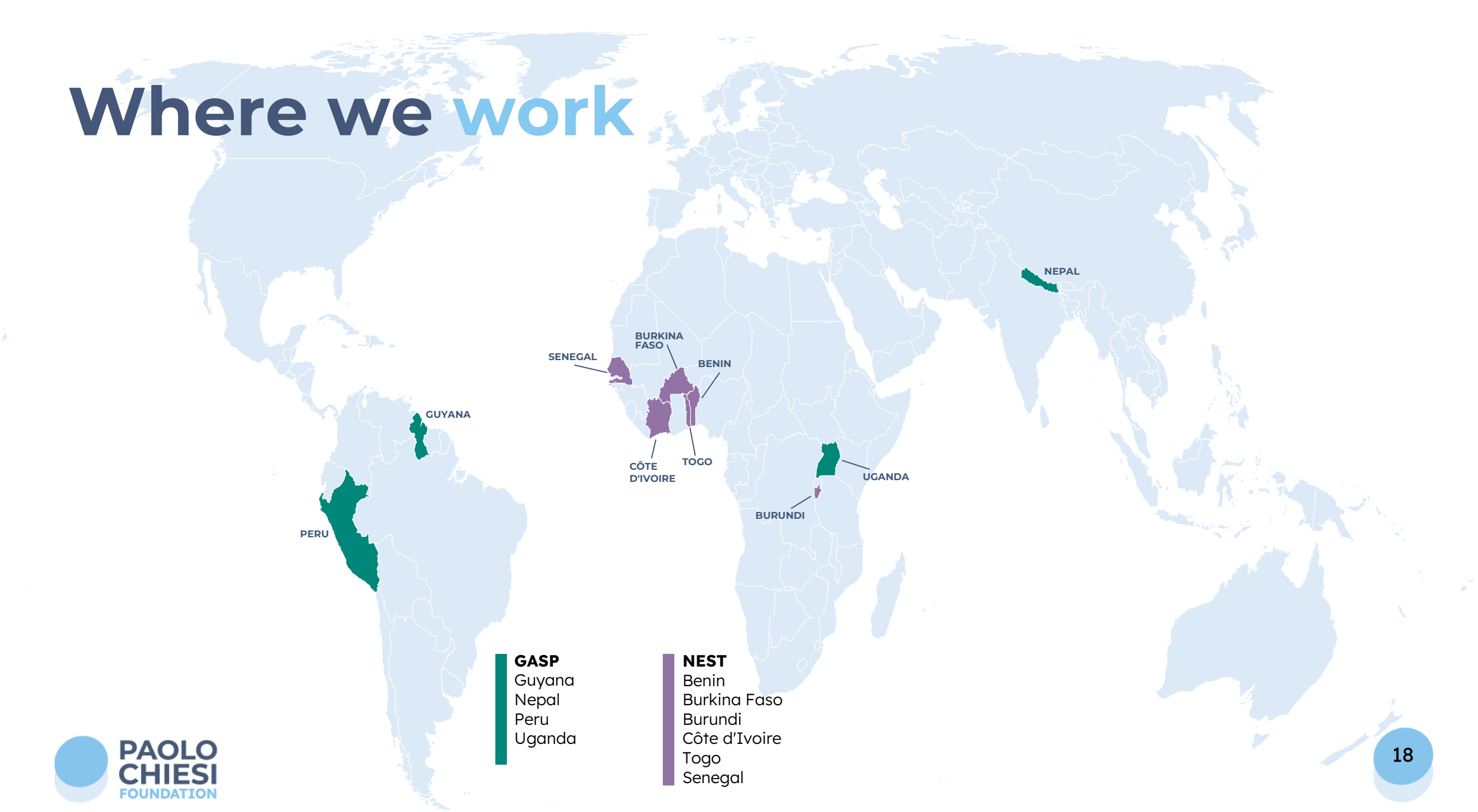
Source: WHO

PAOLO CHIESI FOUNDATION

03

Where we work

Where we work



GASP
Guyana
Nepal
Peru
Uganda

NEST
Benin
Burkina Faso
Burundi
Côte d'Ivoire
Togo
Senegal

PAOLO CHIESI FOUNDATION

Main Health Inequities
in the Global South

- High maternal, child and newborn mortality rate **from preventable causes**
- **Unequal access** to basic healthcare services, especially in rural areas
- High mortality of non-communicable diseases, **especially Asthma & COPD**
- Limited access and affordability of **essential medicines and technologies**
- Severe shortage of **trained healthcare professionals**
- Limited access to training and academia due to costs, **language barrier**
- Geographic and socio-economic **disparities** (urban vs rural)

PAOLO CHIESI FOUNDATION



04

NEST Model – Neonatal Essentials for Survival and Thriving

PAOLO CHIESI FOUNDATION

NEST Model – Neonatal Essentials for Survival and Thriving

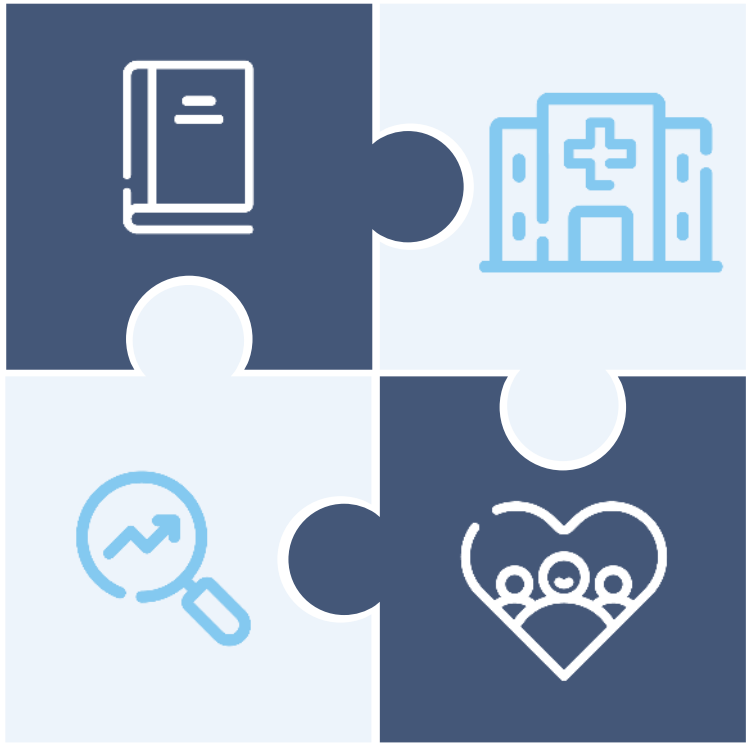
Co-developed by PCF, African partners, and international stakeholders, the NEST Model aims to reduce neonatal mortality and morbidity through a systemic approach grounded in 4 core pillars and a main strategy of Zero Separation and Family-Centered Care (FCC), ensuring care that is clinically effective, respectful, inclusive, and sustainable. The NEST model is focused on 4 main areas:

EDUCATION

Training programs on essential and special care of newborns for local health workers and the development of an education and awareness program for families.

DATA & RESEARCH

Improvement of the quality and use of neonatal data and indicators with a Quality Improvement process, generating evidence for lessons learned and good practices.



FACILITIES & EQUIPMENT

Setting up functional spaces that enable mothers and families to stay close to their newborns, supported by skilled human resources and equipped with context-adapted technologies.

ECOSYSTEM STRENGTHENING

Coordination and collaboration with key stakeholders to support alignment, learning, and scale-up of effective newborn care interventions.

PAOLO CHIESI FOUNDATION

Family-Centered Care and Zero Separation

Promoting the **active involvement of parents in their newborn's care** and ensuring families remain together, even in critical settings. Key benefits include:

- Improved neonatal survival, health, and development
- Enhanced **physiological and emotional** regulation
- Reduced parental stress and anxiety
- Greater caregiver **confidence and preparedness** for discharge
- Improved **equity** across health systems

Promoting practices such as Kangaroo Mother Care is a core principle of the NEST Model.

PAOLO CHIESI FOUNDATION



NEST Strategic Partnerships

Since 2022, the Paolo Chiesi Foundation has been supporting its organizational development, also through the development of its website and scientific journal.

Since 2024, the Paolo Chiesi Foundation has been supporting the diffusion in Francophone Africa of *COINN's Community of Neonatal Nursing Practice* (a hub for training to create skilled nurses).

Since 2022, the Paolo Chiesi Foundation has been supporting the *Implementation Toolkit for Small & Sick Newborn Care* (hub of tools and resources) and its diffusion in Francophone countries.

Since 2024, the Foundation has been part of the *PMNCH Donor Group*. The Foundation and the PMNCH collaborate to strengthen advocacy on the MNH–climate nexus and to drive practical solutions that protect mothers and newborns.

05

GASP Model – Global Access to Sustainable Pulmonology

GASP Model – Global Access to Sustainable Pulmonology

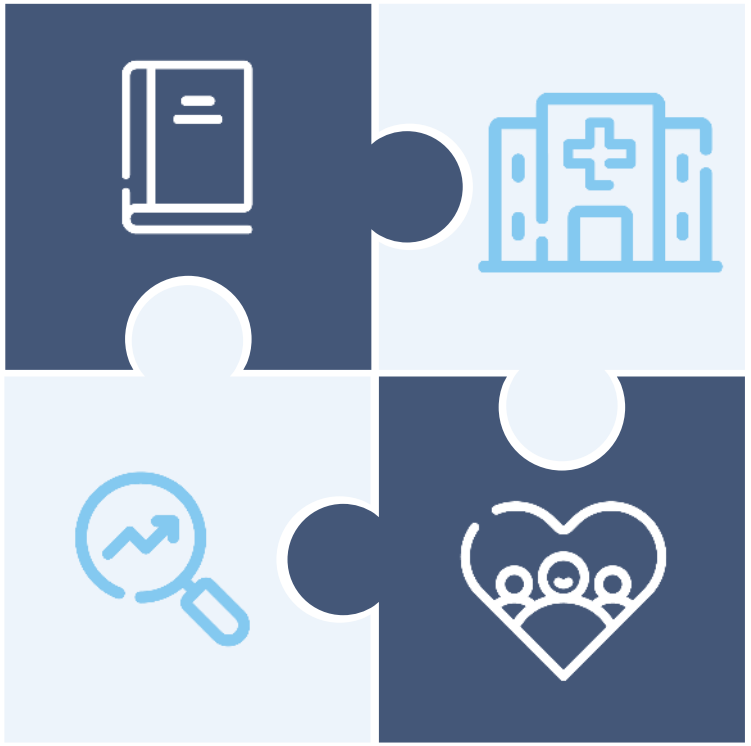
The GASP aims at improving the accessibility and quality of respiratory care in Global South countries, reducing disease burden and improving the quality of life of patients affected by chronic respiratory diseases (CRDs) and their families. The Model is built on four interconnected pillars:

EDUCATION

Strengthening the competencies of healthcare professionals while empowering patients and communities by supporting continuous medical education delivered by local and international experts and patient self-management.

DATA & RESEARCH

Generating reliable data to support evidence-based care. GASP promotes standardized and digitalized data collection to strengthen clinical decision-making, reduce misdiagnosis, and inform health planning.



FACILITIES & EQUIPMENT

Enhancing diagnostic capacity and service delivery through improved medical equipment, clinical protocols, and healthcare infrastructure.

ECOSYSTEM STRENGTHENING

Engaging stakeholders across all levels, from facility-based staff to Ministries of Health to ensure ownership, sustainability, and scale-up.

GASP Strategic Partnerships

Since 2022, SEPAR Solidaria has been collaborating with the Foundation on the enhancement of healthcare professionals' training in Cusco (Peru).

Since 2025, the Foundation has been supporting the implementation of the Pan African Thoracic Society (PATS) MECOR program, helping African professionals strengthen and lead pulmonology research across the continent.

In 2026, the Foundation renewed its support to the American Thoracic Society by supporting the 1st edition of the MECOR Global Health Leadership Training.

06

Our Journey

Where we come from









2005

Founding Year

2010

1st Partnership in Burkina Faso

2011

1st Partnership in Benin

2014

GASP & NEST Models & 1st Partnership in Guyana

2015

1st Partnership in Burundi

2018

1st Partnerships in Peru & Togo

Where we come from



2021

New President and Operational Team



2022

New Partnerships with NEST360, ANA & SEPAR



2023

1st Partnerships in Nepal & with COINN



2024

KMC Room named after Dr Paolo Chiesi & 1st Partnership in Côte d'Ivoire

2025

Foundation's name change on 20th anniversary



2026

1st Partnerships in Uganda and Senegal



Our International Network

Paolo Chiesi Foundation's Network & Partnerships

17 PARTNERSHIPS FOR THE GOALS

Local hospitals

NGOs

International Alliances

Philanthropic Organizations

Research Institutions

Healthcare & Scientific Societies

PAOLO CHIESI FOUNDATION

PAOLO CHIESI FOUNDATION

Via Paradigna 131/A
43122 – Parma (Italy)
Tax code 92130510347

info@paolochiesifoundation.org

www.paolochiesifoundation.org