

University of Groningen

Sustainable Development Goals summit 2023 and the global pledge on disability-focused early childhood development

Global Research on Developmental Disabilities Collaborators; Olusanya, Bolajoko O; Cheung, Vivian G; Hadders-Algra, Mijna; Breinbauer, Cecilia; Smythe, Tracey; Moreno-Angarita, Marisol; Brinkman, Sally; Almasri, Nihad; Figueiredo, Marta

Published in:
The Lancet Global Health

DOI:
[10.1016/S2214-109X\(23\)00178-X](https://doi.org/10.1016/S2214-109X(23)00178-X)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2023

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Global Research on Developmental Disabilities Collaborators, Olusanya, B. O., Cheung, V. G., Hadders-Algra, M., Breinbauer, C., Smythe, T., Moreno-Angarita, M., Brinkman, S., Almasri, N., Figueiredo, M., de Camargo, O. K., Nnanna, I. C., Block, S. S., Storbeck, C., Olusanya, J. O., Berman, B. D., Wertlieb, D., Williams, A. N., Nair, M. K. C., ... Wright, S. M. (2023). Sustainable Development Goals summit 2023 and the global pledge on disability-focused early childhood development. *The Lancet Global Health*, 11(6), e823-e825. [https://doi.org/10.1016/S2214-109X\(23\)00178-X](https://doi.org/10.1016/S2214-109X(23)00178-X)

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Sustainable Development Goals summit 2023 and the global pledge on disability-focused early childhood development



In September, 2023, the second global summit on the Sustainable Development Goals (SDGs) will be held during the annual UN General Assembly for the midpoint appraisal of the 2015–30 Agenda for Sustainable Development.¹ The summit will review the global progress in implementing the SDGs, consider new challenges that arose since 2015, provide updated policy guidance, and mobilise action to accelerate progress towards achieving the SDGs. This occasion provides a rare and timely opportunity to review the global commitment on early childhood development (ECD) for children younger than 5 years, and to leave no one behind (SDG 4.2).

Optimal ECD is foundational to the lifelong wellbeing of all children and for ensuring a fulfilling and healthy life.² The global vision and commitment for ECD is to optimise school readiness for inclusive and equitable quality education for the most disadvantaged and marginalised children, especially for disabled children.¹ Although several pledges had been made to address the needs of disabled children before 2015 (panel), SDG 4 is the first and only explicit global pledge to implement ECD in low-income and middle-income countries. This commitment was embodied in the overall global education agenda but the role of the health sector in promoting children's overall wellbeing and psychosocial development from birth until school entry was duly acknowledged.¹ In preparation for the launch of the SDGs, UNESCO, as the specialised global agency for education, articulated an action plan for implementing SDG 4 in partnership with other relevant UN agencies, but apparently excluded WHO.³ The action plan for ECD and early care focused on preschool education and overlooked the importance of early detection of developmental disabilities and intervention for disabled children. In 2018, the Nurturing Care Framework was launched by WHO, UNICEF, and the World Bank as an independent global ECD initiative without inputs from UNESCO.⁴ The Nurturing Care Framework was, therefore, not explicitly linked to the global commitment on inclusive education for all children younger than 5 years under SDG 4. Rather, this framework primarily focuses on health-related issues in the first 1000 days from conception. Both WHO and UNICEF have now developed separate tools

for ECD monitoring, namely: the Global Scale for Early Development for children aged 0–3 years, and the Early Childhood Development Index 2030 for children aged 2–5 years. Although efforts to combine these tools are ongoing, neither of these tools is designed for identifying all children younger than 5 years with disabilities for early and appropriate intervention as envisioned under SDG 4.2.⁵

The landmark report by UNICEF in 2022, on the state of the world's disabled children,⁶ and other reports,⁷ have highlighted the potential effect of the misalignment in institutional and donors' priorities, and programmes for ECD.^{6,7} Approximately 240 million children and adolescents are estimated to have moderate-to-severe disabilities globally,⁶ and about 50 million children younger than 5 years have mild-to-severe disabilities requiring some form of intervention, such as sensory impairments, intellectual disability, epilepsy, cerebral palsy, autism spectrum disorder, or attention-deficit hyperactivity disorder.⁷ Compared with children without disabilities, disabled children are more likely to have respiratory tract infections, undernourishment, and show substantially poorer foundational reading and numeracy skills.⁶ These children are also more likely to experience social and educational exclusion, bullying, and psychosocial trauma. The available data provide unequivocal evidence that children with disabilities are most unlikely to be adequately served by 2030 without immediate and accelerated action.⁸

After years of neglect, the SDGs ushered expectations of wellbeing and optimal developmental trajectory for the growing group of beneficiaries of the global investments to reduce child mortality.⁸ The global commitment to inclusive education was, at the time, reassuring for low-income and middle-income countries. However, little progress has been seen in implementing the commitment for disabled children and to leave no one behind.¹ A comprehensive, multisectoral, well coordinated, and disability-focused strategy to implement ECD for disabled children younger than 5 years, as envisioned under the SDGs, is long overdue to stimulate and support country-led activities.^{5,8} This strategic initiative requires visionary global leadership,

For more on the **Global Scale for Early Development** see <https://www.who.int/teams/mental-health-and-substance-use/data-research/global-scale-forearly-development>

For more on the **Early Childhood Development Index 2030** see <https://data.unicef.org/resources/early-childhood-development-index-2030-ecdi2030/>

For more on the **1946 UNICEF Mission Statement** see <https://www.unicef.org/about-us/mission-statement>

For more on **UN SDG** see https://www.un.org/en/development/desa/population/migration/generalassembly/docs/globalcompact/A_RES_70_1_E.pdf

For the **full list of Universities** see <https://research.rug.nl/en/persons/mijna-hadders-algra/activities/>

Panel: Highlights of global pledges and resolutions for disabled children

1946: UNICEF Mission Statement

“UNICEF is non-partisan, and its cooperation is free of discrimination. In everything it does, the most disadvantaged children and the countries in greatest need have priority.”

1990: The UN Convention on the Rights of the Child

“Recognizing the special needs of a disabled child, assistance shall be provided free of charge, whenever possible, taking into account the financial resources of the parents or others caring for the child, and shall be designed to ensure that the disabled child has effective access to and receives education, training, health care services, rehabilitation services, preparation for employment and recreation opportunities in a manner conducive to the child’s achieving the fullest possible social integration and individual development, including his or her cultural and spiritual development.” [Article 23]

2002: Special UN Resolution on A World Fit for Children

“We will take all measures to ensure the full and equal enjoyment of all human rights and fundamental freedoms, including equal access to health, education and recreational services, by children with disabilities and children with special needs; to ensure the recognition of their dignity; to promote their self-reliance; and to facilitate their active participation in the community.” [Plan of Action, A:21]

2006: The UN Convention on the Rights of Persons with Disabilities

“Provide those health services needed by persons with disabilities specifically because of their disabilities, including early identification and intervention as appropriate, and services designed to minimize and prevent further disabilities, including among children and older persons.” [Article 25]

2011: The WHO World Report on Disability

“Where there are none, or only limited, services introduce minimum services within existing health and social service provision to include: developing basic rehabilitation services within the existing health infrastructure, strengthening rehabilitation service provision through community-based rehabilitation, and prioritizing early identification and

intervention strategies using community workers and health personnel.” [Recommendations on Service Delivery]

2013: The Resolution of the World Health Assembly on Disability

“Request WHO to provide technical assistance to Member States to promote habilitation and rehabilitation across the life course and for a wide range of health conditions through: early intervention; integrated and decentralized rehabilitation services, including mental health services; improved provision of wheelchairs, hearing aids, low vision devices and other assistive technologies; and training to ensure that there is a sufficient supply of rehabilitation professionals to enable people with disabilities to achieve their potential and have the same opportunities to participate fully in society.” [WHA66.9 Disability, Resolution 2(6)]

2013: The UNICEF State of the World’s Children

“Reliable and objective data are important to assist in planning and resource allocation, and to place children with disabilities more clearly on the development agenda. The necessary statistical work will take time but would be given vital impetus, were international donors to promote a concerted global research agenda on disability. In the meanwhile, planning and programming will have to continue; denying or delaying services to children with disabilities because more data are needed would be unacceptable. Rather, plans, programmes and budgets can be designed to allow for modifications as additional information is made available.” [Global Promise, p 85].

2015: UN SDG

“Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

- Target 4.2: By 2030, ensure that all girls and boys have access to quality early childhood development, care, and pre-primary education so that they are ready for primary education.
- Indicator 4.2.1: Proportion of children under 5 years of age [revised in 2021 as “aged 24–59 months”] who are developmentally on track in health, learning and psychosocial well-being, by sex.”

effective governance, and substantial global investments to accelerate local capacity-building for delivering routine screening, diagnostic and family-centred rehabilitative services for disabled children in low-income and middle-income countries.^{9,10}

Unfulfilled commitments by those with the power and resources to act, not only adversely affect the lives, health, and lifetime opportunities of the target beneficiaries, but also undermine trust and confidence in any future pledges, plans, and programmes. Since the Nurturing Care Framework is the sole and

overriding global ECD priority for WHO and UNICEF, but unfortunately is not geared towards inclusive and equitable education as mandated by the SDGs, the forthcoming mid-term review provides a unique opportunity to re-affirm the global commitment on ECD and restore trust among the target beneficiaries.

MM-A reports grants from UNICEF Colombia. MF reports voluntary leadership roles at HunderED, as an advisory and academy board member. MH-A reports receiving royalties on books on developmental neurology from Mac Keith Press, Kohlhammer, and Taylor and Francis; and payments, honoraria, and travel support for giving lectures on neurodisability at several universities. SSB reports consultancy fees from Special Olympics International, ending in July, 2022; support from the World Council of Optometry for travel to represent the

organisation; and voluntary leadership roles at the World Council of Optometry and VISION2020 USA. All other authors declare no competing interests.

Copyright © 2023 The Author(s). Published by Elsevier Ltd. This is an Open Access article under the CC BY 4.0 license.

***Bolajoko O Olusanya, Vivian G Cheung, Mijna Hadders-Algra, Cecilia Breinbauer, Tracey Smythe, Marisol Moreno-Angarita, Sally Brinkman, Nihad Almasri, Marta Figueiredo, Olaf Kraus de Camargo, Ike Chinonye Nnanna, Sandra S Block, Claudine Storbeck, Jacob O Olusanya, Brad D Berman, Donald Wertlieb, Andrew N Williams, M K C Nair, Adrian C Davis, Scott M Wright, on behalf of the Global Research on Developmental Disabilities Collaborators bolajoko.olusanya@uclmail.net**

Centre for Healthy Start Initiative, Ikoyi Lagos, 101223, Nigeria (BOO, JOO); Department of Pediatrics, Life Sciences Institute, University of Michigan, Ann Arbor, MI, USA (VGC); University Medical Centre Groningen, Department of Pediatrics, Division of Developmental Neurology, and Faculty of Theology and Religious Studies, University of Groningen, Groningen, The Netherlands (MH-A); Director of Child and Adolescent Health Programs Center for Healthy Development, Seattle, WA, USA (CB); International Centre for Evidence in Disability, London School of Hygiene & Tropical Medicine, London, UK (TS); Division of Physiotherapy, Department of Health and Rehabilitation Sciences, Faculty of Medicine and Health Sciences, Stellenbosch University, Cape Town, South Africa (TS); Department of Disability Studies, the National University of Colombia, Bogotá, Colombia (MM-A); Fraser Mustard Centre, Telethon Kids Institute, School of Public Health, The University of Adelaide, Adelaide, SA, Australia (SB); Department of Physiotherapy, The University of Jordan Queen Rania Al Abdallah St, Amman, Jordan (NA); European Network of Occupational Therapy in Higher Education: Escola Superior de Saúde do Alcoitão, Alcabideche, Portugal (MF); McMaster University, Ron Joyce Children's Health Centre, Hamilton, ON, Canada (OKdC); Child and Adolescent Mind Institute Africa, Alex Ekwueme Federal University Teaching Hospital, Abakaliki, Nigeria (ICN); National Center for Children's Vision and Eye Health, Chicago, IL, USA (SSB); School-based Vision Clinics Illinois Eye Institute at Princeton School, Chicago, IL, USA (SSB); Centre for Deaf Studies, University of the Witwatersrand, Johannesburg, South Africa (CS); University of California San Francisco, Benioff Children's Hospitals, Progressions, Developmental, and Behavioral Pediatrics, Walnut Creek, CA, USA (BDB); Partnership for Early Childhood Development & Disability Rights, Department of Child Development, Tufts University, Medford,

MA, USA (DW); Virtual Academic Unit, Northampton General Hospital, Northampton, UK (ANW); NIMS-SPECTRUM-Child Development Research Centre, NIMS Medicity, Neyyattinkara, Thiruvananthapuram, India (MKCN); Vision and Eye Research Institute, Faculty of Medical Science, Anglia Ruskin University, Cambridge, UK (ACD); Department of Population Health Science, London School of Economics, London, UK (ACD); Division of General Internal Medicine, Johns Hopkins Bayview Medical Center, Johns Hopkins University School of Medicine, Baltimore, MD, USA (SMW)

- 1 UN. Resolution A/RES/70/1. Transforming our world: the 2030 agenda for sustainable development. 2015. <http://www.un.org/ga/search/viewdoc.asp?symbol=A/RES/70/1&Lang=E> (accessed March 15, 2023).
- 2 UN Department of Economic and Social Affairs. World social report 2023: leaving no one behind in an ageing world. 2023. <https://www.un.org/development/desa/dspd/wp-content/uploads/sites/22/2023/01/2023-wsr-fullreport.pdf> (accessed March 15, 2023).
- 3 UNESCO. Education 2030: Incheon declaration and framework for action for the implementation of Sustainable Development Goal 4: ensure inclusive and equitable quality education and promote lifelong learning. 2016. https://uis.unesco.org/sites/default/files/documents/education-2030-incheon-framework-for-action-implementation-of-sdg4-2016-en_2.pdf (accessed March 15, 2023).
- 4 UNICEF, WHO. Nurturing care practice guide: strengthening nurturing care through health and nutrition services. 2022. <https://www.who.int/publications/i/item/9789240058651> (accessed March 15, 2023).
- 5 Olusanya BO, Gulati S, Newton CRJ. The Nurturing Care Framework and children with developmental disabilities in LMICs. *Pediatrics* 2023; published online March 7. <https://doi.org/10.1542/peds.2022-056645>.
- 6 UNICEF. Seen, counted, included: using data to shed light on the well-being of children with disabilities. 2021. <https://data.unicef.org/resources/children-with-disabilities-report-2021/> (accessed March 15, 2023).
- 7 Olusanya BO, Kancherla V, Shaheen A, Ogbo FA, Davis AC. Global and regional prevalence of disabilities among children and adolescents: analysis of findings from global health databases. *Front Public Health* 2022; **10**: 977453.
- 8 Olusanya BO, Boo NY, Nair MKC, et al. Accelerating progress on early childhood development for children under 5 years with disabilities by 2030. *Lancet Glob Health* 2022; **10**: e438–44.
- 9 Olusanya BO, Davis AC, Hadders-Algra M, Wright SM. Global investments to optimise the health and wellbeing of children with disabilities: a call to action. *Lancet* 2023; **401**: 175–77.
- 10 Olusanya BO, Gulati S, Berman BD, et al. Global leadership is needed to optimize early childhood development for children with disabilities. *Nat Med* 2023; published online April 13. <https://doi.org/10.1038/s41591-023-02291-x>.