

Theme: Accountability and Hope: Radical collaboration, grassroots leadership, and real change.



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Empowering the Disability Community Through Radical Collaboration and Grassroots Leadership

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Abstract

People with disabilities—comprising over 1.3 billion individuals globally—face persistent systemic barriers, despite decades of advocacy and legal frameworks aimed at inclusion.

This article explores how radical collaboration and grassroots leadership are redefining the path to equity and accountability within the disability community. By highlighting case studies from India, Kenya, the U.S., and beyond, the article illustrates how disability-led initiatives and cross-sector partnerships are dismantling exclusionary structures and advancing real, measurable change. Rather than waiting for top-down reform, people with disabilities are forging solutions rooted in lived experience, resilience, and collective action. From accessible technology to inclusive education policy, this movement is not only challenging the status quo—it is building a more just, inclusive future.

The article calls on policymakers to support these efforts by funding collaboration, empowering community leaders, and integrating disability-led expertise into mainstream decision-making.

Keywords:

Disability Inclusion, Radical Collaboration, Grassroots Leadership, Accessibility, Inclusive Policy, Assistive Technology, Systemic Barriers, Lived Experience, Disability Advocacy, Inclusive Design, Digital Accessibility, Community Empowerment, Social Justice, Policy Change, Disability Rights.

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Introduction

The disability community—over 1.3 billion individuals worldwide—stands at a critical juncture. Representing 16% of the global population (World Health Organization, 2023), this vast and diverse group navigates a landscape where systems meant to support them—be it healthcare, education, employment, or infrastructure—frequently falter, shaped more by indifference than deliberate intent. This is not a new story: decades of promises, from international conventions to national laws, have painted inclusion as an achievable horizon. Yet, the gap between rhetoric and reality persists, leaving people with disabilities to contend with barriers that are as entrenched as they are avoidable. Globally, their voices are too often muted, their needs sidelined by a design philosophy that favors convenience for the majority over equity for all.

Within this struggle, however, lies a profound and untapped opportunity. Through radical collaboration and grassroots leadership, people with disabilities are not merely demanding accountability—they are actively constructing it. These twin forces—unconventional partnerships and community-driven initiatives—represent a seismic

shift, challenging the top-down inertia that has long defined progress in this space. This article examines how these dynamics drive substantive, measurable change, from local innovations to policy overhauls, offering policymakers a practical blueprint to move beyond token gestures toward a future where inclusion is woven into the fabric of society, not tacked on as an afterthought.

The urgency is unmistakable: the status quo is not just unsustainable—it is a failure of imagination and will. The disability community, through its resilience and ingenuity, is already illuminating the way forward. The question remains whether those in power will follow or continue to lag.

Systemic Failures Quantified

Across the globe, people with disabilities confront a paradox: they are a significant portion of humanity—yet remain relegated to the margins of societal systems designed without them in mind.

Decades of legislation, advocacy, and technological advancement have promised inclusion, yet the reality falls starkly short. From employment to digital access to basic mobility, the disability community faces barriers that are not mere oversights but symptoms of deeper, systemic neglect.

This neglect is quantifiable, pervasive, and rooted in a design philosophy that prioritizes efficiency and profit over equity and justice. The evidence is clear: institutional failures persist not because solutions are unknown but because accountability is evaded.

What follows is a closer examination of these failures—measured in unemployment gaps, inaccessible infrastructure, and digital

exclusion—revealing a world where progress for the disability community remains stalled by inertia and excuse.

The evidence of systemic neglect is overwhelming. Globally, unemployment rates for people with disabilities hover between 50-70%, compared to 20-30% for their non-disabled peers (International Labour Organization, 2022).

In the United States, despite the Americans with Disabilities Act (ADA) of 1990, only 19% of people with disabilities were employed in 2023, a figure barely shifted from a decade prior (U.S. Bureau of Labor Statistics, 2024).

Accessibility lags further: a 2022 WebAIM survey found that 97% of the top 1 million websites fail basic accessibility standards, locking out users reliant on screen readers or alternative inputs.

These failures are not accidental. They reflect a design philosophy that sidelines the disability community, prioritizing cost-efficiency over equity.

Consider public transportation: in the European Union, only 48% of railway stations are fully accessible (European Commission, 2021), a gap often excused by “budget constraints.” Such rationales crumble under scrutiny—accessible design benefits all, from aging populations to parents with strollers—yet institutional inertia persists. Accountability remains elusive when those in power rarely face the consequences of exclusion firsthand.

Case Studies in Collective Power

In the face of entrenched systemic barriers, the disability community is not waiting for change—they are creating it. Radical collaboration,

defined by unconventional partnerships and shared purpose, is emerging as a powerful antidote to exclusion.

By uniting diverse voices—advocates, technologists, and local stakeholders—these efforts bypass traditional gatekeepers, turning frustration into innovation and isolation into influence.

The following case studies illustrate this shift, showcasing how collective power, driven by the disability community itself, is forging tangible solutions where institutional efforts have faltered. Against this backdrop, radical collaboration emerges as a potent counterforce. Take the Accessible Technology Initiative (ATI), launched in 2021 by a coalition of disability advocates, coders, and open-source enthusiasts. ATI’s flagship project—a customizable, voice-activated interface for smart devices—has been downloaded over 50,000 times, empowering users with motor or visual impairments to control their environments independently (ATI, 2024). This success stems from its collaborative ethos: people with disabilities didn’t just test the product; they co-designed it, ensuring utility over optics.

Another striking example of grassroots advocacy unfolded in Chennai, India. In 2019, the Disability Rights Alliance (DRA), a Tamil Nadu-based coalition of disability rights advocates, conducted an access audit of the Marina Beach redevelopment project. Partnering with local stakeholders, including persons with disabilities, the DRA identified barriers such as uneven pathways, missing tactile paving, and inaccessible ramps. Their findings were compiled into a detailed report submitted to the Greater Chennai Corporation, which influenced subsequent modifications to the beach’s accessibility features, including the installation of a modular ramp by 2022.

This effort, supported by community input and collaboration with urban planners, transformed anecdotal complaints into actionable policy changes, demonstrating the power of grassroots advocacy to improve public infrastructure.

These cases underscore a critical insight for policymakers: solutions scale when the disability community is a partner, not a petitioner. Yet, collaboration demands resources—funding, platforms, trust—that governments and institutions often withhold, citing “feasibility.” This resistance, rooted in bureaucratic conservatism, risks stifling innovation precisely when it’s most needed.

Grassroots Leadership and Amplifying Expertise from Experience

Beyond collaboration, the disability community is redefining leadership itself. Grassroots leaders—individuals and organizations rooted in lived experience—are stepping forward to challenge exclusion, not with permission but with action.

These voices, often sidelined by traditional power structures, wield expertise that transcends credentials, turning personal insight into systemic impact. From global advocates to local innovators, their efforts reveal a truth: transformative change begins where the need is felt most deeply.

The examples that follow highlight this dynamic, proving that leadership from within can shift culture, technology, and policy against all odds.

Leadership from within the disabled community is equally transformative. Haben Girma, the first deafblind graduate of Harvard Law School, exemplifies this. Her advocacy for accessible digital

tools—coupled with her 2019 memoir, "Haben: The Deafblind Woman Who Conquered Harvard Law"—has spurred tech giants like Apple and Microsoft to prioritize inclusive design (Girma, 2023).



Source Image: YR Media, President Barack Obama waits with Disabilities Rights Advocate Haben Girma in the green room.

Similarly, Alice Wong's Disability Visibility Project, launched in 2014, has archived over 140 oral histories, shifting cultural narratives by centering disabled voices rather than external interpreters.



Source Image: Women's History Museum

In rural Kenya, the work of organizations like the Kilimanjaro Blind Trust Africa (KBTA) exemplifies this impact. In 2020, KBTA partnered

with local communities and the Kenyan Ministry of Education to distribute "Orbit Reader 20" devices—portable, affordable tools that provide digital braille access—to visually impaired students across 34 schools. Starting with a pilot in counties like Nakuru and Kisumu, the initiative has since expanded, reaching over 600 students by 2023 and training teachers to integrate these tools into classrooms. This effort has directly improved educational access for students with disabilities in rural areas, where traditional braille machines were often too costly or cumbersome (Kilimanjaro Blind Trust Africa, 2023). These leaders bypass the need for top-down directives, demonstrating that expertise rooted in community needs and lived experience can drive transformative change without waiting for institutional approval.

Yet, grassroots efforts face counterarguments. Critics—often institutional gatekeepers—contend that decentralized leadership lacks the cohesion to influence broad policy. They point to fragmented outcomes or limited scale as evidence that systemic change requires centralized control.

This view misreads the data: Akinyi's work, for instance, has prompted Kenya's Ministry of Education to pilot a national training program, a direct result of her localized success. Grassroots leadership doesn't replace structure—it catalyzes it.

Measurable Progress and Policy Imperatives

The disability community's resolve is yielding more than promises—it's delivering results. Through persistent advocacy and innovative leadership, grassroots efforts are translating into measurable progress, reshaping policies and priorities on a global scale.

These gains are not accidents of goodwill but the product of deliberate, evidence-based action. The examples that follow demonstrate this impact, offering policymakers clear imperatives to sustain and scale inclusion—proof that hope, when paired with strategy, becomes a force for systemic change.

The fruits of these efforts are quantifiable. In the European Union, advocacy-driven updates to the 2019 Accessibility Act have mandated that all public-sector websites comply with WCAG 2.1 standards by 2025, a shift projected to benefit 80 million users (European Disability Forum, 2023).

In the U.S., the 2022 passage of the Accessible Technology Advancement Act, spurred by disability-led coalitions, allocates \$50 million annually to fund inclusive tech R&D (Congress.gov, 2024). These wins prove that hope isn't wishful—it's engineered through persistence.

For policymakers, the path forward is twofold. First, fund radical collaboration: allocate grants for cross-sector partnerships, as Canada's \$10 million Accessible Communities Fund has done since 2021, yielding 200+ local projects. Second, empower grassroots leaders: establish advisory councils with binding input from people with disabilities, not just symbolic seats. Resistance will persist—budget hawks will cry “cost,” and traditionalists will cling to hierarchy—but the data is irrefutable: Inclusion drives economic and social resilience, with every dollar spent on accessibility yielding up to \$13 in benefits (Accenture, 2021).

Conclusion

A Shared Responsibility for Change

The disability community, 1.3 billion strong, is not merely a statistic—it is a force rewriting the narrative of inclusion. Systemic neglect, quantified by stark unemployment gaps and inaccessible infrastructure, reveals a world built on exclusion. Yet, through radical collaboration and grassroots leadership, this community is proving that change is not a gift bestowed but a reality forged.

From the Accessible Technology Initiative's co-designed tools to Chennai's beachside audits, from Haben Girma's global advocacy to Kenya's braille innovations, the evidence is undeniable: solutions thrive when people with disabilities lead.

Measurable victories—like the EU's Accessibility Act and the U.S.'s tech funding—show that hope, backed by persistence, bends policy toward justice. For policymakers, the mandate is clear: fund collaboration, amplify grassroots voices, and dismantle the excuses of cost and tradition.

The community of disability has lit the path. The rest of us must walk it—or step aside.

References:

1. **World Report on Disability**, https://www.who.int/health-topics/disability#tab=tab_1
2. **ILO**, <https://ilostat.ilo.org/blog/new-ilo-database-highlights-labour-market-challenges-of-persons-with-disabilities/>
3. **U.S. Bureau of Labor Statistics, Office of Publications and Special Studies, Suitland Federal Center**, <https://www.bls.gov>
4. **The WebAIM Million**, Annual accessibility surveys and tools for web developers, <https://webaim.org/projects/million/>
5. **Communication from the Commission to the European Parliament and the Council. Action plan to boost long-distance and cross-border passenger rail.** <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52021DC0810>
6. **Accessible Technology Initiative (ATI), California State University.** <https://ati.calstate.edu/>
7. **Disability Rights Alliance**, as cited in *The Hindu*, 2022. <https://www.thehindu.com/news/cities/chennai/>
8. **Denny Upkins, 2020, Interview with Alice Wong: Engaging with Stories of Disabled People.** <https://www.yoppvoice.com/2020/11/13/interview-with-alice-wong-engaging-with-stories-of-disabled-people/>
9. **Kilimanjaro Blind Trust Africa (KBTA), Empowering Visually Impaired Learners Across Africa.** <https://www.kilimanjaroblindtrust.org/>
10. **The European Accessibility Act: Technical Aspects of Compliance**, <https://www.wcag.com/compliance/european-accessibility->

[act/#:~:text=To%20comply%20with%20the%20EAA,%2C%20and%20other%20digital%20interfaces\).](#)

11. **European Disability Forum, <https://www.edf-feph.org/>**
12. **H.R.9028 - 21st Century Assistive Technology Act, 2022. Congress.gov. <https://www.congress.gov/bill/117th-congress/house-bill/9028/text>**
13. **Enabling Accessibility Fund - Small Projects Component. <https://www.canada.ca/en/employment-social-development/services/funding/enabling-accessibility-fund-small-projects.html>**
14. **Ted Kennedy, Jr., Accenture report, 2021, Getting to Equal: The Disability Inclusion Advantage. <https://www.accenture.com/content/dam/accenture/final/a-com-migration/pdf/pdf-89/accenture-disability-inclusion-research-report.pdf>**
15. **YR Media, President Barack Obama waits with Disabilities Rights Advocate Haben Girma in the green room. <https://yr.media/tech/momma-i-made-it-activist-haben-girma/>**
16. **Women's History Museum, <https://www.womenshistory.org/education-resources/biographies/alice-wong>**