Accelerate Access to Resources — Land, Clean Energy, Water, and Sanitation

Facts, Solutions, Case Studies, and Calls to Action

OVERVIEW

When girls and women endure restricted access to resources such as land, energy, and water and sanitation, there are far-reaching implications. These can affect their health, education, housing, and livelihoods, as well as the safety and sustainability of the environments in which they live. This brief explores seven solutions highlighting gender-responsive approaches that create an enabling environment for effective and secure access to resources. These solutions include increasing access to clean energy both outside and inside the home, securing land and inheritance rights for women, employing a comprehensive approach for Water, Sanitation, and Hygiene (WASH), including women in all decisions related to resource management, and improving water services and Community-Led Total Sanitation (CLTS).

SECTION 1: FRAMING THE ISSUE

The Sustainable Development Goals (SDGs) offer a framework for accelerating women’s access to land, water, sanitation, energy, and other resources, which has the potential to alleviate poverty across the globe (see Box 1). Girls and women, in particular, will benefit from greater access to these resources through improved wealth, health, education, safety, dignity, and financial security; they will also gain productive time and opportunities to claim leadership roles in the public sphere and engage in decision-making. Several international agreements recognize the important link between access to resources and advancing economic prosperity.

The Universal Declaration of Human Rights establishes the principle of non-discrimination on the basis of sex and guarantees women equality in accessing their rights to land and natural resources, yet inheritance and land laws, policies, and practices generally favor men.1 In nearly all countries with available data, men are more likely than women to be agricultural land holders; in 27 countries, women make up less than 10% of all agricultural land holders and hold a smaller proportion of total agricultural land.2 And this is only based on the data that is available — there is no systematically-collected global data on women’s land rights, so much of the issue remains unknown.3

Rigid gender roles in many societies place women at the center of the family. They are responsible for securing household resources — food, water, and fuel for heating and cooking — and serve as the primary caregivers. However, they often lack the social and political power and financial means to control access to these resources.4 Given the time they devote to meeting household needs and overcoming barriers to accessing resources, their opportunities for education, generating income, rest, and community engagement are impeded — opportunities that would enhance their wealth and wellbeing and that of their family.5

Increasingly, environmental stress impacts access to resources, which disproportionately affects women.6 By 2030, experts predict a global water shortfall of 40%, which will further burden women who are tasked with securing water resources for the family.7 Furthermore, as water, firewood, and land grow scarce and women remain excluded from decisions about those resources, they are pushed further out of women’s reach.8

Lack of access to and decision-making over the use of natural resources often taxes women’s physical and mental health and reduces their ability to seek privacy and practice healthy behaviors. As resources become scarcer and competition for them increases, especially in humanitarian crises and disasters, gender-based violence becomes even more of a risk.9 Additionally, as they are forced to go longer distances for these scarce resources, girls and women face an increased risk of sexual violence or animal attacks.10,11 The following global statistics highlight the challenges facing all people living in poverty, especially women:

- On average, less than 20% of agricultural land is held by women.12
- 1 in 7 people practice open defecation either because latrines are not available at home or because latrines are considered unsafe or dirty.13
- Girls and women collectively spend 97 billion hours annually securing a safe place to defecate.14
- 1 in 3 women experience gender-based violence.15 Collecting fuel, fetching water, bathing in open water, and open defecation all can expose girls and women to sexual harassment and violence.16
- Women and children spend up to 5 hours per day gathering fuel for household needs due to a lack of

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Accelerating access to resources, water, and sanitation, for girls and women is linked to the achievement of multiple SDGs and targets, including:

SDG 1: End poverty in all its forms everywhere

- 1.3 Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable

- 1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance

SDG 2: End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

- 2.3 By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women... including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets, and opportunities
access to clean cooking fuels and stoves. In 8 out of 10 households that do not have a water source on the premises, women and girls are responsible for water collection.

- Girls and women spend up to 200 million hours per day collecting water.
- 1-2 hour waiting times at water kiosks are common in dense urban areas, with standpipe-to-person ratios of 1:500. About half of schools have inadequate access to water and sanitation in low- and middle-income countries, which increases the likelihood of absenteeism among adolescent girls.

**SECTION 2: SOLUTIONS AND INTERVENTIONS**

Restricted access to resources has cross-cutting implications, impacting the health, safety, education, land tenure, housing, cultural practices, self-determination, and human rights of individuals and communities. Within this multi-sectoral landscape, a one-size-fits-all approach will not suffice. This brief explores seven solutions that encompass gender-sensitive approaches that can be scaled up to make a real impact for women:

- Engage women in efforts to advance universal access to affordable, safe, and sustainable sources of clean energy, including clean cookstoves and other productive technologies, throughout homes and communities.
- Improve and enforce secure land and productive resource rights for women, including their right to access, control, own, and inherit.
- Include women in decision-making related to land and resource management, humanitarian response planning, and refugee camp management.
- Employ the comprehensive approaches for water, sanitation, and hygiene (WASH) framework.
- Improve water services.
- Promote Community-Led Total Sanitation (CLTS).
- Implement comprehensive WASH services in schools, including provisions for menstrual health and hygiene management (MHM).

**Engage Women in Efforts to Advance Universal Access to Affordable, Safe, and Sustainable Sources of Clean Energy, Including Clean Cookstoves and Other Productive Technologies, Throughout Homes and Communities**

Every home needs a safe, reliable, environmentally sustainable, and clean source of energy for cooking, lighting, heating, and productive uses. Access to clean, affordable, and safer household lighting can save money, improve health, reduce the risk of fires, and contribute to livelihoods, as women are able to invest the time they save collecting fuel in more productive pursuits. Access to clean and safe household lighting also allows women to reduce spending on lighting alternatives like kerosene, candles, and battery torches—channeling more financial resources to their household and children’s needs.

Though robust empirical data are not available to quantify the gains of rural electrification, experience suggests that when a household or community has access to electricity and cleaner and more efficient cookstoves and fuels, the economy and people’s quality of life improve. For example, a lack of electricity is a challenge to improving the literacy of the 781 million people in the world who cannot read — two-thirds of whom are women. Data from the World Bank shows that youth literacy rates tend to be lower in developing countries with electrification rates below 80%.

The use of polluting fuels also poses a major burden on sustainable development. Globally, three billion people — 50% of households in LMICs and 95% of African households — rely on biomass fuels to cook (wood, animal dung, and crop waste), causing serious environmental and health impacts that disproportionately affect women and children. The problem is exacerbated in rural areas, where more than 80% of households use biomass fuels, compared to 20% of urban homes. According to the World Health Organization (WHO), household air pollution from cooking kills more than 4 million people every year and sickens millions more. Increasing women’s access to safe, affordable, clean cookstoves and fuels is one solution that can dramatically reduce fuel consumption and exposure to harmful cookstove smoke, as well as reduce risks associated with fuel collection or acquisition.

To accelerate the path to universal access to household energy, it is essential to integrate women’s needs and opinions into every aspect of the value chain — from research, design, and production to marketing, sales, and distribution. Experience shows that without women’s opinions and input, products do not meet their needs and will not be used consistently. Support should be provided to women-led enterprises that sell clean fuel, cookstoves, and clean technologies, and employ women as marketing agents, distributors, and after-sales service providers. As household energy managers, women are in a unique position to connect with their peers, increase awareness, and deliver energy products and services.

**Case Study: The Barefoot Approach — Women Barefoot Solar Engineers of Africa**

The Women Barefoot Solar Engineers of Africa work to improve the lives of the rural poor living in remote villages off the energy grid. These women, many of them grandmothers and most of them illiterate, work in the 21 least-developed countries in Africa, helping to supply their communities with clean, low-cost household lighting from solar energy. Since 2005, more than 140 women from Africa have trained at the Barefoot College. Within six months, these women learned how to fabricate, install, and maintain solar-powered household lighting.

**SDG 5: Achieve gender equality and empower all women and girls**

- 5.a Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance, and natural resources, in accordance with national laws.

**SDG 6: Ensure access to water and sanitation for all**

- 6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all.
- 6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations.

**SDG 7: Ensure access to affordable, reliable, sustainable, and modern energy for all**

- 7.1 By 2030, ensure universal access to affordable, reliable, and modern energy services.

**SDG 11: Make cities inclusive, safe, resilient, and sustainable**

- 11.1 By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums.
systems and were capable of transforming the lives of more than 2,000 families in solar-electrified villages in Africa.

Case Study: Providing Poor Families with Alternatives to Biomass Fuel in India
In 2016, the Indian Government launched the Pradhan Mantri Ujjwala Yojana (PMUY), a program aiming to protect women and children from the harmful effects of indoor air pollution by providing Liquefied Petroleum Gas (LPG) connections to families living below poverty line. So far they have distributed a total of 50 million LPG connections, reducing India’s dependency on biomass fuels, saving trees, and improving health conditions. As of August 2017, PMUY has provided 27.7 million Indian families with LPG connections.

Improve and Enforce Secure Land and Productive Resource Rights for Women, Including Their Rights to Access, Control, Own, and Inherit
Promoting women’s land rights is an effective, long-term solution to advancing opportunities for women and enhancing community health and wellbeing. When a woman has secure rights to land, her status and role in household decision-making improves and she is better equipped to care for herself and her family and break out of poverty. This can lead to better nutrition and food security, increased education for children, better health outcomes, decreased vulnerability to HIV, and in some situations, less exposure to domestic violence.

In 2016, the Land Policy Initiative (LPI) launched a campaign demanding that 30% of land in Africa be individually or jointly owned by women by 2025. Though African women hold a significant role in the agricultural sector and food production, a system of customs and laws prevents them from having access to and control of the land they work. The campaign aims to achieve this goal through research into existing laws and regulations, advocacy for women’s land ownership, and improving efficiency of land administration.

Case-study: The Greatest Predictor of Poverty in India is Landlessness
An estimated 18 million families in rural India are landless and tens of millions more have insecure rights to the land they rely on. Their long-term insecurity and inability to protect and secure the land they depend on is a major predictor of poverty, seeds conflict, and hinders economic growth. Since 2000, Landesa has been working to change this reality. By partnering with state and central government leaders, Landesa strives to create opportunity, incentive, and security through strengthening land rights. Landesa supports the creation of policies that strengthen girls’ and women’s land rights, raise legal awareness, and grant homestead and farmlands to rural women. By working with Indian state government officials and central government leaders, Landesa has reached more than one million families. Increasingly, leaders in India’s poorest states are recognizing that insecure land tenure is a significant hurdle to development and stability. Already, the governments of Bihar, West Bengal, Odisha, Karnataka, and Uttar Pradesh have launched programs to bolster women’s and girls’ land rights. In West Bengal, Landesa’s Girls Project educates girls about their land rights and provides agricultural training and an opportunity to sell their crops for school fees; more than 48,000 girls currently participate.

To implement effective and sustainable resource management programs, women must be engaged in the decision-making process, as they are most affected by land and resource inequities. Gender plays a defining role in how individuals utilize and benefit from land and natural resources, which are closely linked to livelihoods for the vast majority of people. Failing to recognize the unique challenges and opportunities women face — especially in conflict settings, which includes the risk of physical insecurity linked to their role in collecting natural resources or growing food for the family — has the potential to further perpetuate inequalities regarding land and natural resource rights, access, and control.

When dealing with displaced populations in humanitarian crises or disasters, it is essential to include women and adolescent girls in the planning, decision-making, and operations of camps. As traditional domestic caretakers, girls and women work harder, walk farther, and risk their safety and wellbeing to procure food, water, and cooking fuel for their families. Girls and women are also uniquely susceptible to an increased risk of gender-based violence in these fragile settings and therefore, their needs must be addressed throughout the camp administration, coordination, and management processes. Including women in the decision-making process will allow gender-responsive humanitarian planning and management that takes into account the different needs and experiences of girls and women. Far too often, national governments and international agencies fail to apply a gender lens to the needs of affected populations and consequently, under-invest in gender-responsive humanitarian assistance. Camps that include women in decision-making bodies are likely to be well-designed, reducing the risk of gender-based violence, improving quality of life, and protecting the dignity of vulnerable populations.

Case Study: Bringing Women to the Table in Sudan
Following the establishment of the Republic of South Sudan in 2011, SOS Sahel, an international NGO working in partnership with local groups, implemented a resource-based conflict resolution program providing women and youth with natural resource management and conflict resolution skills. Women pastoralists in the region have a reputation for being extremely influential as peacebuilders, but they had been excluded from decision-making processes. SOS Sahel engages women and marginalized groups, encouraging
traditional leaders to incorporate them into formal decision-making processes. Through educational tools and sessions provided to women in the communities, steering groups with women representatives were developed and community structures were registered as legal bodies in accordance with Sudanese regulations.

Employ the Comprehensive Approaches for Water, Sanitation, and Hygiene (WASH) Framework

Sustainable solutions for girls and women require comprehensive approaches — approaches that facilitate access to water, sanitation, and hygiene (WASH) services. Decades of WASH programming experience dictates that the first steps to success involve conducting an explicit analysis of the needs on the ground and identifying a hypothesis of change before any action is taken. Many major development organizations working in WASH have general consensus on categories of factors that should be considered as part of analyzing local strengths and weaknesses, to design an appropriate intervention that encompasses the broader needs of the community. Such comprehensive frameworks are vital to ensuring sustainable gains over the long term.

These comprehensive frameworks consider three domains around which interventions are developed and implemented:

1. Access to supplies and services, such as water supply, sanitation systems, latrines, handwashing stations, soap, water treatment supplies and equipment, fecal sludge management services, and menstrual hygiene products;

2. An enabling environment that incorporates supportive policies, strengthened institutional capacity, private sector involvement, organizational support from government and civil society, adequate financing, partnerships, and cross-sectoral collaboration; and

3. Establish hygiene-promotion activities for social and behavior change through interpersonal communication, mass media, community theatre, community mobilization, sanitation marketing, social norm change, and habit formation.

All three domains are interrelated and together promote healthy and sustainable changes in behavior. Consider menstrual hygiene management, as an example. It requires access to products and services, including pads, adequate supplies of water for washing, and a private place to change and bathe. And improved sanitation behaviors call for access to sanitation facilities, but they may also require microfinance loans for households to purchase latrines over time and fecal sludge management services to sustainably maintain the facilities.

The second pillar, an enabling environment, requires governments to enact policies that focus on providing sanitation and water services for communities and ensure that WASH services are included in the education budget. Best practice around community water and sanitation services includes strengthening community governance and calling for fair representation and meaningful participation of women in the planning, designing, and monitoring of services. Going back to the menstrual hygiene management example, an enabling environment might include eliminating taxes on feminine hygiene products. It could also include school policies that allow girls to use the sanitation facility as needed and budgets for soap and menstrual supplies. Finally, having ready access to WASH products and services and a supportive, enabling environment does not ensure individuals and communities will consistently and correctly perform improved WASH practices. It is critical to change behavior by creating demand.

Case Study: Multi-Sectoral Approach to Reducing Malnutrition

In Bangladesh, the Strengthening Household Ability to Respond to Development Opportunities program adopted a multi-sectoral approach to improving the nutritional status of mothers and children in four remote, rural areas. The framework focused on enhancing the literacy and leadership skills of girls and women, educating them about sound health and nutrition practices, and installing wells for access to safe drinking water; these interventions led to better health within the communities and a reduction in malnutrition. And by incorporating the importance of proper WASH practices, the percentage of mothers who wash their hands before food preparation rose from 60% to 94%; households with access to safe, clean water rose from 57% to 71%; and the percentage of people with access to a sanitary latrine rose from 13% to 54.

Improve Water Services

When women spend less time fetching water, they gain more productive time that can be dedicated to focusing on their children, growing food, or pursuing education or economic opportunities. And when women do not need to trek long distances to fetch water, they also avoid associated risks, such as gender-based violence and animal attacks. Beyond that, there are multiple health benefits linked to reducing the time they spend fetching water. A 15-minute decrease in time spent walking to a water source is associated with a 41% average reduction in diarrhea prevalence, an 11% reduction in under-five mortality, and improvements in the nutritional status of children — a likely result of more water being available in the household.

Comprehensive national water strategies should be developed and include the construction, operation, maintenance, and rehabilitation of water points. The optimal number of beneficiaries and optimal distance from households within the service area must be explicit; past recommendations define reasonable access as within the dwelling, yard, or plot. Water strategies should also clearly address safe access in informal settlements and peri-urban and rural areas, where safe drinking water may be less common, and develop an acceptable definition at the country level for time invested in fetching water outside the dwelling. They must discourage any sort of stigma or discrimination regarding menstruation or minority groups and avoid other disempowering social norms or community practices. The role of women in irrigating or fetching and treating water should be systematically tracked to monitor changes and improvements and to better understand how improved water services change a woman’s status in the household and in society.

Empowering women is an important part of service delivery. Women must be involved in planning water service provision and be represented and meaningfully participate in governing bodies. Furthermore, women should be supported to become involved in WASH service delivery, granting them income generating opportunities. Evidence suggests that communities with water and sanitation user groups that include women function more effectively and sustainably.

Promote Community-Led Total Sanitation (CLTS)

Community-Led Total Sanitation (CLTS) is a facilitated participatory process to inspire rural communities to abandon the accepted practice of open defecation, without reliance on external subsidies to build toilets. When facilitated effectively, CLTS ignites a sense of shared disgust and shame within the community as members realize they are literally ingesting one another’s feces as long as open defecation continues. This often leads to the spontaneous decision by most households to build or improve latrines and engages
social norms to spur community action to shame violators and sustain improvements in latrine use and sanitation practice. The do-it-yourself approach to latrine construction fosters local innovation, often resulting in communities eradicating open defecation within 3-6 months.\textsuperscript{94}

Bringing sanitation options closer to the home is a critical improvement for women in the community; without it, they may have to walk long distances to find a site that is private, which puts them at risk of gender-based violence.\textsuperscript{95} Having sanitation available within the home can ease multiple burdens on women. It saves them time and energy, ensures their dignity, reduces their exposure to violence, and improves their nutritional status, which in turn has a positive impact on their reproductive health and pregnancy outcomes.\textsuperscript{96,97}

Over time, implementers have expanded and innovated the concept of CLTS to incorporate a range of actions for improving health outcomes, including the promotion of handwashing with soap and supporting sanitation marketing to engage private sector contributions.\textsuperscript{98} CLTS also opens the door to conversations about topics once considered taboo. Women can discuss health risks related to unsafe menstrual hygiene management (MHM). And once they understand the issues and potential pitfalls, men and boys want to assist their wives and sisters. By starting these conversations in the home, it becomes easier for women to participate in community discussions and in decisions that will impact their health, instill dignity, and help to change social and cultural norms.\textsuperscript{99}

**Case Study: WASPlus Program in Mali**

In 2012, WASPlus integrated a WASH/nutrition program in the Mopti region of Mali to reach women of reproductive age and their children in 180 villages in three districts with high rates of stunting.\textsuperscript{100} In addition to motivating villages to collectively abandon open defecation and increasing demand for low-cost sanitation, the program places a strong emphasis on improving nutrition and hygiene practices, including handwashing, water treatment, exclusive breastfeeding, and dietary diversity through a range of behavior change approaches.\textsuperscript{101} Trained community health workers visit communities to educate women on WASH and also screen for undernourished children who are referred to the community health/nutrition centers for treatment.\textsuperscript{102} As of 2015, WASPlus has trained more than 400 community extension workers, and 10,000 latrines have been constructed or upgraded in the targeted communities.

Implement Comprehensive WASH Services in Schools, Including Provisions for Menstrual Health and Hygiene Management (MHM)

Keeping girls in school produces better-educated women who tend to plan their families, have healthier and better-educated children, and are paid higher wages.\textsuperscript{103} A systematic review of research found that girls’ attendance in formal school is positively associated with delayed sexual initiation, marriage, and childbirth, lower rates of HIV/AIDS, and improved gender equality.\textsuperscript{104} One critical pathway to increasing girls’ school attendance is investing in WASH in schools,\textsuperscript{105} as the lack of such facilities in schools is cited as a global obstacle to quality education.\textsuperscript{106} Introducing WASH facilities and programs in schools would attract pupils and reduce absenteeism.\textsuperscript{107} Furthermore, parents prefer to put children in schools with proper sanitation facilities.\textsuperscript{108}

A comprehensive school WASH program includes access to water, sanitation, and hygiene facilities, hygiene education, and menstrual health and hygiene management (MHM).\textsuperscript{109,110} Facilities should be gender-segregated, with at least 25 girls per toilet and 50 boys per toilet, and have a functioning water point that is safe for drinking and handwashing.\textsuperscript{102} The absence of gender-segregated toilets is especially challenging for menstruating adolescents, who can miss up to a week of school a month.\textsuperscript{103} Many eventually drop out.\textsuperscript{104} Ensuring that menstrual hygiene management programs are effective requires more than building girl-friendly facilities. Schools should also integrate puberty education for girls and boys, educating teachers, families, and communities about menstrual hygiene to break taboos and cultural constraints.\textsuperscript{106} Girls should also have a say in the types of facilities and menstrual products that would best serve their needs at school, leading to a more “girl-friendly” school that is a source of empowerment and pride.\textsuperscript{106} The positive impact in schools may spill over to communities. A school WASH program in Zambia, for example, led to households installing latrines and handwashing facilities, children teaching parents better hygiene, and former taboo topics such as open defecation and menstruation being discussed openly.\textsuperscript{107,109}

In humanitarian settings particularly, WASH standards must take into consideration the increased protection risks women and girls face in those contexts — specifically, gender-based violence (GBV) — and must work collaboratively to prevent and mitigate these risks.\textsuperscript{109}

**Case Study: SPLASH in Zambia**

SPLASH (Schools Promoting Learning Achievement through Sanitation and Hygiene), a USAID/Zambia-funded WASPlus activity, brought clean drinking water, sanitation, and hygiene education to primary schools in Eastern Province.\textsuperscript{110,111} Facilities should be gender-segregated, with 25 girls and 50 boys per toilet and a functioning water point that is safe for drinking and handwashing.\textsuperscript{102} The absence of gender-segregated toilets is especially challenging for menstruating adolescents, who can miss up to a week of school a month.\textsuperscript{103} Many eventually drop out.\textsuperscript{104} Ensuring that menstrual hygiene management programs are effective requires more than building girl-friendly facilities. Schools should also integrate puberty education for girls and boys, educating teachers, families, and communities about menstrual hygiene to break taboos and cultural constraints.\textsuperscript{106} Girls should also have a say in the types of facilities and menstrual products that would best serve their needs at school, leading to a more “girl-friendly” school that is a source of empowerment and pride.\textsuperscript{106} The positive impact in schools may spill over to communities. A school WASH program in Zambia, for example, led to households installing latrines and handwashing facilities, children teaching parents better hygiene, and former taboo topics such as open defecation and menstruation being discussed openly.\textsuperscript{107,109}

**SECTION 3: THE BENEFITS OF INVESTMENT**

The results of a global cost-benefit analysis of water supply and sanitation depict the costs and benefits of investing in water and sanitation improvements.\textsuperscript{112} In developing regions, the return on a $1 investment ranged from $2 to $5.50, depending on the intervention.\textsuperscript{111,113} The main contributor to these economic benefits was the time saved through better access to water and sanitation services, which accounted for more than 70% of the overall economic benefits.\textsuperscript{110} Globally, for every $1 invested in water and sanitation, there is a $4.30 return in the form of reduced healthcare costs.\textsuperscript{112,113}

Though comparable data for household energy has not yet been calculated, an analysis by the World Health Organization (WHO) suggests an average of $60 billion in annual economic benefits could be accrued if half the people cooking with solid fuels switched to liquefied petroleum gas.\textsuperscript{114} Societal benefits would take the form of improvements in health and social status, as well as reductions in drudgery, time spent collecting fuel, and risk of attack or assault while collecting fuel.\textsuperscript{115} These gains would bring about additional economic benefits that are necessary for inclusive and sustainable development.\textsuperscript{125}

There is a strong empirical evidence that women’s leadership and inclusion in decision-making processes contributes to better emergency preparedness, effective humanitarian response, and inclusive and sustainable peace building.\textsuperscript{126} A study commissioned by ActionAid shows that women’s understanding and knowledge of their local environment and community uniquely positions them to be
transformational agents in emergency response preparedness and resilience building. Additionally, a UN Women study measuring the effect of gender equality programming on humanitarian outcomes determined that including women in humanitarian programming is associated with improved access to water, sanitation and hygiene (WASH) and improved food security, particularly for women and children.

Investing in efforts to improve women’s access to and use of land also leads to positive impacts on local economies. When women have secure land rights, their earning can increase significantly, impacting their ability to open bank accounts, save money, build credit, and make investments. Furthermore, when women are empowered, their children are empowered too — a ripple effect that contributes to breaking cycles of poverty. Women face a serious gender gap in accessing productive resources such as land, credit, water, energy, and technologies. Closing this gap could lead to increasing agricultural yields on women’s farms by 20-30%, lifting 100 to 150 million people out of hunger. Similarly, when women are able to take leadership roles in energy planning and management, not only are they able to access additional forms of employment and skills building, they are able to influence the implementation of social policies and reinforce their existence.

If done effectively, investing in safe access to water, sanitation, and household energy can better engage half the population and spur economic productivity. A gender lens approach can augment the positive impact of access to resources that benefits everyone — women, local communities, and low- and middle-income countries.

**Case Study: Finance Clean Water and Sanitation through WaterCredit Loans**

Many low-income households in developing countries have limited access to credit. WaterCredit builds communities’ capacity to construct clean toilets and water supply connections by helping local financial institutions provide loans. To date, WaterCredit has disbursed 2.9 million loans totaling $983 million, 90% of which went to women, and the majority of which went to rural borrowers earning $2 or less per day. In total, 12 million people have benefited across 12 countries. Evidence has shown that as access to water and sanitation credit becomes available, low-income clients choose to take out loans and 99% of borrowers are able to pay them back.

**SECTION 4: CALLS TO ACTION**

There is ample evidence to verify that the cross-cutting strategies outlined above have the potential to open access to resources and open opportunities for the women who struggle to acquire them. When adapted to address the specific contexts of each community, these approaches not only empower women, they also improve the health and wealth of societies as a whole.

In order to power progress for all, many different constituents must work together — governments, civil society, academia, media, affected populations, the private sector, the United Nations and other bi- and multi-lateral organizations — to take the following actions for girls and women:

- Engage women in efforts to advance universal access to affordable, safe, and sustainable sources of clean energy, including clean cookstoves, throughout homes and communities. (Most relevant for: governments, civil society, academia, affected populations, the United Nations, and the private sector)
- Establish clear legal and regulatory frameworks and gender-disaggregated, data-gathering measures to guarantee women’s secure rights to land, including the right to inherit, own, access, control, and participate in land governance. (Most relevant for: governments, civil society, and the United Nations)
- Improve safe access to water, sanitation, and hygiene (WASH), and work with communities and schools (rural and urban) to become open, defecation free, and ‘girl-friendly.’ (Most relevant for: governments, civil society, the United Nations, and the private sector)
- Ensure schools have adequate WASH facilities and supplies and provide education on menstrual health and hygiene management. (Most relevant for: governments, civil society, and the private sector)
- Focus efforts toward more integrated, gender-centered design to strengthen access to natural resources, land, water, sanitation, and affordable, clean energy. (Most relevant for: governments, civil society, the United Nations, and the private sector)
- Invest in research and program evaluations to better understand the links between cookstove and/or clean energy interventions and prevention of gender-based violence, particularly in humanitarian settings. (Most relevant for: the United Nations, academic institutions, and NGOs)
- Support women’s development of, access to, ownership of, benefit from, and inheritance of assets, such as land, productive resources, capital, and technology. (Most relevant for: civil society, governments, and the private sector)
- Undertake gender-responsive and women-led resource and land management initiatives, and provide strong legal and socially-legitimate land tenure rights for women. (Most relevant for: civil society, governments, and the private sector)

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These briefs are intended to be used by policymakers, decision-makers, advocates, and activists to advance issues affecting girls and women in global development. These materials are designed to be open-sourced and available for your use.

→ Learn more about the Deliver for Good campaign.


Ibid.


Ibid.

Ibid.


Menstrual Hygiene Management among Schoolgirls in Eastern Province Zambia. WASHplus. 2016. USAID/WASHplus project.


Ibid.


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