

SDG HANDBOOK

6 CLEAN WATER AND SANITATION

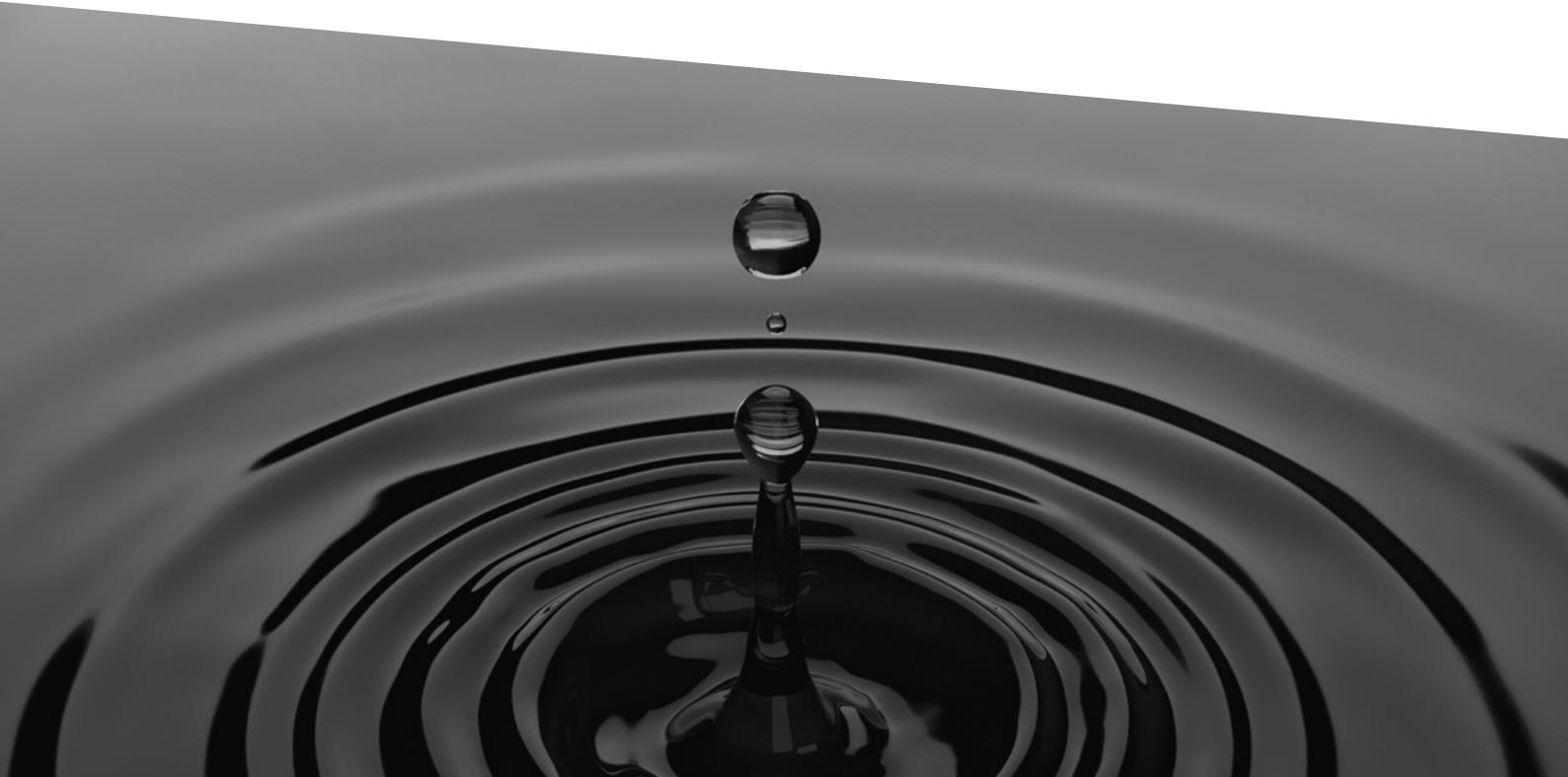


Made By
Sustainable Bhava

+91 62834-12360
sustainablebhava@gmail.com
www.sustainablebhava.org

TABLE OF CONTENT

• SDG 1 - Overview	1
• Understanding the concept	2
• Facts and Figures	3
• Your Title Goes Here	4
• Your Title Goes Here	5
• Your Title Goes Here	6
Attachment	7



SDG 1: CLEAN WATER AND SANITATION

OVERVIEW

Sustainable Development Goal 6, a critical component of the United Nations' 2030 Agenda for Sustainable Development, focuses on ensuring universal access to clean water and sanitation. This goal recognizes that access to clean water and proper sanitation is not only a fundamental human right but also a cornerstone for achieving a healthier, more equitable, and sustainable world.

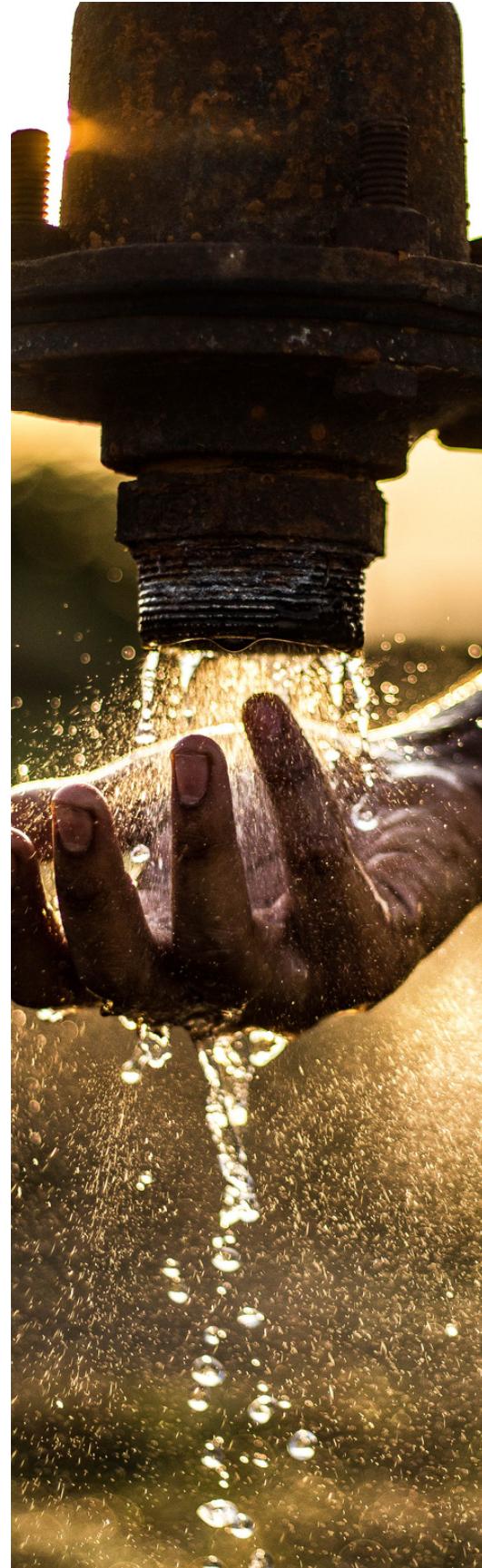
SDG 6 acknowledges the pressing global challenges related to water scarcity, inadequate sanitation facilities, and pollution of water sources. It underscores the necessity of safeguarding water resources, promoting hygiene and sanitation practices, and improving water quality for all individuals, communities, and ecosystems. By addressing these issues, SDG 6 contributes to enhanced public health, environmental preservation, and overall human well-being.

This goal is twofold: it strives to ensure availability and sustainable management of water resources, while also aiming to provide adequate and equitable sanitation facilities for all. Achieving universal access to clean water and sanitation is integral not only for individual health and dignity but also for achieving numerous other Sustainable Development Goals, such as eradicating poverty, improving education, reducing inequality, and combating climate change.

In the subsequent chapters of this handbook, we will delve into the significance of clean water and sanitation, exploring their role in shaping societies and ecosystems. Through engaging and informative activities, discussions, and practical examples, we will empower children to grasp the importance of water conservation, pollution prevention, and responsible sanitation practices. By instilling these values early on, we can nurture a generation of informed and environmentally conscious citizens who contribute to the global efforts in achieving SDG 6.

Let's embark on this journey of teaching our children about SDG 6, inspiring them to take small but meaningful actions that collectively make a substantial impact. Remember, sustainability truly begins at home, and by imparting the values of clean water and sanitation to our children, we equip them with the tools to create a healthier and more sustainable future for themselves and the generations to come.

Remember, sustainability truly begins at home!



UNDERSTANDING THE CONCEPT OF SDG 6:

So let's start by first understanding what clean water and sanitation is.

“

Sustainable Development Goal 6 (SDG 6) revolves around ensuring access to clean water and adequate sanitation for all. This goal recognizes that clean water and proper sanitation are fundamental human rights and essential for leading healthy, dignified lives. It is not just about access to water; it's about securing water resources sustainably, managing sanitation effectively, and addressing water-related challenges comprehensively.

”

SDG 6 can manifest in various forms, including:

1.1 Access to Safe Drinking Water: SDG 6 aims to provide everyone with access to safe and affordable drinking water. This includes efforts to improve water quality, reduce contamination, and ensure that people don't have to travel long distances to access clean water.

1.2 Sanitation Facilities: Another aspect is the provision of sanitation facilities like toilets and proper waste disposal systems. The goal is not only to provide access but also to promote hygiene and sanitation practices to reduce diseases caused by poor sanitation.

1.3 Wastewater Treatment: SDG 6 also addresses the safe treatment and reuse of wastewater. This includes efforts to treat industrial and domestic wastewater to prevent contamination of water bodies and to make better use of this resource.



NOW LET'S INCREASE OUR UNDERSTANDING OF SOME KEY DIMENSIONS OF SDG 6:

1.1 Access to Clean and Safe Water: One of the central dimensions of SDG 6 is ensuring universal access to clean and safe drinking water. This involves making sure that people can quench their thirst without fearing waterborne diseases or contaminants. Clean water is essential for hydration, cooking, and maintaining personal hygiene.

1.2 Adequate Sanitation Facilities: Proper sanitation facilities, including toilets and waste disposal systems, are crucial for preventing the spread of diseases and maintaining dignity. SDG 6 focuses on providing sanitation services that are safe, accessible, and suitable for all, particularly marginalized populations.

1.3 Water Quality and Ecosystems: SDG 6 also emphasizes protecting and restoring water-related ecosystems, such as rivers, lakes, and wetlands. These ecosystems play a vital role in purifying water, regulating water cycles, and supporting biodiversity. By safeguarding these ecosystems, we ensure the sustainability of water resources.

1.4 Water Use Efficiency and Water Stress: Water scarcity is a growing concern globally. SDG 6 calls for efficient water use across sectors like agriculture, industry, and domestic consumption. This is crucial to prevent water stress and ensure that enough water is available for various needs without depleting natural resources.

1.5 Integrated Water Resources Management: Effective management of water resources involves considering the interconnected nature of water systems, addressing competing demands, and promoting collaboration between stakeholders. SDG 6 promotes integrated approaches that balance human needs with environmental sustainability.

WHAT IS THE RELEVANCE OF SDG 6 IN ENSURING CLEAN WATER AND SANITATION, AND WHY ARE WE EVEN DISCUSSING IT?

SDG 6, "Clean Water and Sanitation," holds profound significance in our pursuit of sustainable development.

Here's how:

Basic Human Rights: Access to clean water and proper sanitation is a basic human right. SDG 6 underscores the importance of providing these essentials to everyone, without discrimination, to uphold human dignity and well-being.

Health and Disease Prevention: Clean water and sanitation are critical for preventing waterborne diseases that disproportionately affect vulnerable communities. SDG 6 contributes to improving public health and reducing healthcare burdens.

Environmental Sustainability: By focusing on sustainable water management and protecting ecosystems, SDG 6 ensures the long-term availability of clean water resources. This is essential for both human survival and the health of the planet.

HERE ARE SOME SALIENT FEATURES OF SDG 6 IN ADDRESSING GLOBAL WATER AND SANITATION CHALLENGES:

Access to Clean Water: SDG 6 aims to ensure universal and equitable access to safe and affordable drinking water for all. This involves improving water quality, reducing contamination, and providing access to clean water sources, especially in marginalized and underserved communities.

Sanitation and Hygiene: The goal also emphasizes the importance of adequate sanitation and hygiene facilities. It aims to achieve universal access to sanitation facilities and promote proper hygiene practices to prevent diseases and improve overall well-being.

Integrated Water Resources Management: SDG 6 promotes the sustainable use of water resources through integrated water management, taking into account environmental, social, and economic aspects. This approach ensures the availability of water for current and future generations.

Water-Related Ecosystems: The goal recognizes the importance of protecting and restoring water-related ecosystems, such as rivers, wetlands, and watersheds. These ecosystems play a crucial role in maintaining water quality and supporting biodiversity.

Global Cooperation: SDG 6 encourages international cooperation to address water and sanitation challenges. It emphasizes the importance of sharing knowledge, technology, and resources to achieve sustainable water management worldwide.

By understanding the concept of clean water and sanitation, exploring its multi-dimensional aspects, and recognizing the relevance of SDG 6, we can lay a solid foundation for teaching our children about the importance of addressing global water and sanitation challenges and inspire them to take action. Let's empower them to be agents of change in creating a more equitable and sustainable world.

GOAL 1 FACTS AND FIGURES

50%

Half of all people living in poverty are under 18

1 in 10

One Person in every 10 person is extremely poor

80%

80% of people living on less than \$1.90

736 M

736 Million people still live in extreme poverty

10%

10% of the world population lives in extreme poverty

1.3 B

Some 1.3 billion people live in multidimensional poverty



DISCUSSING THE INTERCONNECTIONS BETWEEN SDG 6 AND OTHER SDGS:

SDG 6 is intricately connected with various other SDGs, as water and sanitation are essential for achieving numerous development outcomes. Let's explore some of these interconnections:

1 NO POVERTY

SDG 1: NO POVERTY:

Access to clean water and sanitation is crucial for poverty eradication. Improved water and sanitation facilities contribute to better health, education, and economic opportunities, lifting communities out of poverty.

3 GOOD HEALTH AND WELL-BEING

SDG 3: GOOD HEALTH AND WELL-BEING:

Clean water and sanitation are fundamental for preventing waterborne diseases and ensuring good health. SDG 6's efforts contribute to achieving better health outcomes and reducing child mortality.

4 QUALITY EDUCATION

SDG 4: QUALITY EDUCATION:

Adequate water and sanitation facilities in schools create a conducive environment for quality education. SDG 6's focus on sanitation positively impacts school attendance, especially for girls.

13 CLIMATE ACTION

SDG 13: CLIMATE ACTION:

Water management is closely linked to climate change adaptation. SDG 6's emphasis on sustainable water use contributes to climate resilience and mitigation efforts.

COMPONENT 2: INSPIRATION

INSPIRING STORIES OF INDIVIDUALS AND COMMUNITIES PROMOTING SUSTAINABLE WATER AND SANITATION PRACTICES IN INDIA:



STORY 1

AYYAPPA MASAGI - THE WATER WARRIOR

In India, water scarcity is a pressing issue in many regions. Ayyappa Masagi, often called the "Water Warrior," dedicated his life to addressing this challenge. He pioneered the concept of rainwater harvesting, creating simple and effective methods to capture and store rainwater. Through his organization, Rainwater Club, Masagi educated communities about water conservation and helped them implement rainwater harvesting systems. His efforts have revitalized water sources, improved agricultural yields, and transformed the lives of countless villagers. Ayyappa Masagi's passion for sustainable water management serves as an inspiration to all, highlighting the impact of individual initiatives on SDG 6 - Clean Water and Sanitation.

STORY 2

Sulabh International - Sanitation Revolution



Sulabh International, founded by **Dr. Bindeshwar Pathak**, has been at the forefront of the sanitation revolution in India. The organization introduced innovative and low-cost toilet designs that cater to the needs of rural communities. By promoting the use of toilets and proper waste management, Sulabh International has significantly reduced open defecation and improved public health conditions. The organization also focuses on rehabilitating manual scavengers, providing them with dignified livelihoods. Through its holistic approach, Sulabh International has contributed to SDG 6 by ensuring access to clean and dignified sanitation facilities.

KEY TAKEAWAYS FROM THESE INSPIRATIONAL STORIES:

- 1. Innovative Solutions:** Both Ayyappa Masagi and Sulabh International showcased innovative solutions to address water and sanitation challenges. Their approaches emphasize the importance of adapting technologies and practices to local contexts.
- 2. Community Engagement:** These stories underline the significance of involving communities in sustainable development efforts. Engaging with locals fosters ownership and sustainable practices that benefit generations to come.
- 3. Health and Well-being:** Access to clean water and proper sanitation directly impacts public health and well-being. These initiatives have contributed to reducing waterborne diseases and improving overall community health.
- 4. Empowerment and Dignity:** A common theme in both stories is the empowerment of individuals and communities. Providing access to clean water and dignified sanitation facilities enhances the quality of life and restores dignity.
- 5. Grassroots Change:** The stories illustrate the power of grassroots movements to bring about transformative change. Small-scale initiatives can lead to large-scale impact when driven by passion and commitment.

KEY TAKEAWAYS FROM THESE INSPIRATIONAL STORIES:

Individual Initiative Matters

Both stories highlight that individual commitment and passion can lead to significant change. Ayyappa Masagi and Dr. Bindeshwar Pathak's determination to address pressing issues in their communities inspired transformative initiatives. It emphasizes that one person's dedication can make a profound impact.

Innovation and Adaptation

These stories underscore the importance of innovation and adaptability in solving complex problems. Ayyappa Masagi's rainwater harvesting methods and Sulabh International's toilet designs demonstrate that innovative, context-specific solutions can drive progress.

Community Engagement and Ownership

Involving communities in decision-making and implementation processes fosters a sense of ownership and sustainability. Both initiatives actively engaged with local communities, making them integral parts of the solutions and ensuring long-lasting impact.

Health and Dignity are Non-negotiable

Access to clean water and dignified sanitation facilities is a fundamental right that directly impacts public health and human dignity. These stories emphasize that improving these basic necessities leads to healthier and more dignified lives.

Empowerment and Rehabilitation

Ayyappa Masagi and Sulabh International exemplify the importance of empowering marginalized individuals and communities. Sulabh International's work with manual scavengers demonstrates how rehabilitation efforts can restore dignity and provide new opportunities.

Take Action

Remember, every action, no matter how small, contributes to the collective effort to end poverty and creating a more equitable world. Be inspired, take action, and make a lasting impact on the lives of others.

SUCCESSFUL INITIATIVES WORKING TOWARDS SDG 6 IN INDIA:

1) SWACHH BHARAT ABHIYAN (CLEAN INDIA MISSION):

Launched in 2014, the Swachh Bharat Abhiyan is a nationwide cleanliness campaign aimed at achieving open defecation-free (ODF) status and promoting proper sanitation and hygiene practices. The initiative focuses on building household toilets, promoting safe waste disposal, and raising awareness about the importance of sanitation. Through community involvement and behavior change communication, the campaign has significantly reduced open defecation and improved access to clean sanitation facilities in both rural and urban areas. This holistic approach contributes to better health, reduced water contamination, and improved overall well-being.

2) JAL JEEVAN MISSION:

Launched in 2019, the Jal Jeevan Mission aims to provide tap water connections to every rural household in India by 2024. The initiative focuses on ensuring a reliable and sustainable supply of safe drinking water, thereby reducing the burden on women and girls who often have to travel long distances to fetch water. By leveraging technology, community participation, and decentralized water management, the mission not only addresses the water crisis but also empowers communities to manage their water resources efficiently.

3) COMMUNITY-LED TOTAL SANITATION (CLTS):

Community-led Total Sanitation is an approach that seeks to eliminate open defecation by engaging communities in recognizing the health and environmental risks associated with unhygienic practices. By facilitating discussions and triggering behavior change within communities, CLTS promotes the construction and use of toilets. This initiative empowers communities to take ownership of their sanitation practices, leading to sustainable improvements in hygiene and sanitation.

KEY TAKEAWAYS FROM THESE SUCCESSFUL INITIATIVES:

- 1. Health and Well-being:** These initiatives have significantly improved public health by providing access to clean water and sanitation facilities. Reduced waterborne diseases and improved hygiene practices have led to better overall well-being in communities.
- 2. Holistic Approaches:** These initiatives adopt holistic approaches that encompass infrastructure development, behavior change, and community participation. Such comprehensive strategies are essential for achieving long-lasting impact.
- 3. Government Commitment:** The government's commitment to achieving SDG 6 is evident through these initiatives. Policy frameworks, financial allocations, and community-driven implementation underscore the importance of water and sanitation in India's development agenda.
- 4. Community Engagement:** The success of these initiatives is rooted in community participation and ownership. Empowering communities to drive change ensures the sustainability of clean water and sanitation practices.

Activity: Poverty Simulation

"WALK IN THEIR SHOES"

OBJECTIVE

The "Walk in Their Shoes" poverty simulation activity aims to help children experience simulated scenarios of limited resources, inequality, and challenges faced by individuals living in poverty. By participating in this fun and interactive game, children will develop empathy, critical thinking, and a deeper understanding of poverty-related issues.



MATERIALS REQUIRED:

1. Different colored wristbands or stickers to represent different economic groups (e.g., green for high-income, yellow for middle-income, red for low-income, and blue for extremely low-income).
2. Several stations set up around the activity area, each representing different aspects of life, such as food, education, healthcare, housing, and employment.
3. Props and signs to represent various resources and challenges (e.g., play money, empty plates, schoolbooks, medical kits, and cardboard boxes for shelter).

Instructions —

1. Divide the children into different economic groups by giving them colored wristbands or stickers. Explain that each group will face different challenges based on their assigned economic status.
2. Set up the stations around the activity area, with each station representing a different aspect of life affected by poverty. For example:
 - a. Food Station: Provide limited food options and portion sizes to low-income groups, while high-income groups have access to a variety of nutritious meals.
 - b. Education Station: Low-income groups may have limited access to school supplies or face difficulties attending school, while high-income groups have all the necessary resources.
 - c. Healthcare Station: Low-income groups may have long waiting times or limited access to medical care, while high-income groups have prompt and comprehensive healthcare services.
 - d. Employment Station: Low-income groups may face limited job opportunities or lower-paying jobs, while high-income groups have more career options and higher salaries.
3. Instruct each group to rotate through the stations and experience the challenges and limitations faced by their assigned economic status. Encourage them to interact with the props and signs at each station to simulate real-life situations.
4. After the activity, gather all the children together for a group discussion. Ask them questions such as:
Q: How did you feel during the simulation? What challenges did you face?
Q: Did you notice any inequalities or disparities between the economic groups?
Q: What difficulties do people living in poverty encounter in their daily lives?
Q: How can we, as individuals and a community, work together to address poverty-related issues and create a more equitable society?

"WALK IN THEIR SHOES"



Outcome:

The "Walk in Their Shoes" poverty simulation activity will help children empathize with the difficulties faced by individuals living in poverty. It encourages critical thinking about poverty-related issues and promotes discussions on social justice, inequality, and the importance of supporting those in need. By experiencing these simulated scenarios, children will gain a deeper understanding of the impact of poverty and be inspired to take compassionate actions towards building a more inclusive and empathetic community.

Conclusion:

Congratulations on completing the "Sustainability Begins at Home: Teaching Our Children SDG 1 through Small Actions" handbook! Throughout this guide, we have explored the significance of Sustainable Development Goal 1 (SDG 1) - No Poverty, and discovered ways to inspire our children to take action in addressing poverty. Let's recap the key takeaways from our journey:

Understanding Poverty: We delved into the multidimensional aspects of poverty, recognizing that it extends beyond income and encompasses education, health, social inclusion, and environmental factors. Poverty eradication is essential for promoting human rights, socio-economic development, peace, and stability.

The Power of Small Actions: We learned that even small actions can make a difference. By engaging in activities, promoting empathy and compassion, and supporting local initiatives, we can contribute to poverty reduction efforts.

Interconnections with Other SDGs: We explored the interconnections between SDG 1 and other Sustainable Development Goals. Poverty is intertwined with hunger, health, education, gender equality, and more. Progress in SDG 1 positively influences the achievement of other goals.

Inspiring Examples: We were inspired by stories of individuals and communities who have combated poverty and successful initiatives in poverty reduction. Their experiences demonstrate the power of resilience, innovation, and collective action.

INSPIRATION FOR TAKING ACTION:

By applying the knowledge gained from this handbook, we can make a real difference in achieving SDG 6. Let us encourage our children to be empathetic, compassionate, and socially responsible individuals. Together, we can:

- 1. Raise Awareness:** Educate yourself and others about the importance of clean water and sanitation. Understanding the challenges and the impact of water-related issues can foster empathy and drive change.
- 2. Volunteer for Clean-up Campaigns:** Get involved in community clean-up campaigns focused on rivers, lakes, and water bodies. Taking direct action to clean and protect water sources can have a tangible impact.
- 3. Mentorship and Skill Sharing:** Offer mentorship or skill-sharing sessions to empower others in developing their potential and accessing better opportunities.
- 4. Sustainable Philanthropy:** Support initiatives that focus on sustainable development and long-term impact rather than quick fixes.
- 5. Advocate for Policy Change:** Advocate for sustainable practices and policies that protect water quality and ecosystems. Join or support environmental groups working to safeguard water resources.

Remember, every action, no matter how small, contributes to the collective effort to ensure clean water and sanitation for all and creating a world where everyone has access to safe and sustainable water and sanitation facilities. Be inspired, take action, and make a lasting impact on the lives of others.

Additional Resources

RECOMMENDED BOOKS, FILMS, AND WEBSITES FOR FURTHER EXPLORATION OF SDG 6:

BOOKS

"Blue Future: Protecting Water for People and the Planet Forever"
by Maude Barlow

"The Big Thirst: The Secret Life and Turbulent Future of Water"
by Charles Fishman

"Water: The Epic Struggle for Wealth, Power, and Civilization"
by Steven Solomon

"Last Child in the Woods: Saving Our Children from Nature-Deficit Disorder"
by Richard Louv

FILMS

"Flow: For Love of Water" (2008) - Examines the global water crisis, its impact on communities, and corporate control of water resources.

"Tapped" (2009) - Explores the bottled water industry and the environmental and social implications of plastic bottle consumption.

"A Plastic Ocean" (2016) - Investigates the issue of plastic pollution in oceans and its consequences on marine life and human health.

"Blue Planet II" (TV Series) - A visually stunning documentary series that delves into the wonders of marine life and the importance of preserving our oceans.

LEARN MORE HERE

United Nations Sustainable Development Goals: Visit the official SDG website to access reports, data, and resources related to SDG 6: Clean Water and Sanitation.

World Health Organization (WHO) - Water, Sanitation, and Hygiene (WASH): Explore WHO's resources on water, sanitation, and hygiene, including global health statistics and guidelines.

Water.org: Learn about the global water crisis and innovative solutions to provide access to clean water and sanitation for all.

UNICEF - Water, Sanitation, and Hygiene (WASH): Access UNICEF's resources and initiatives focused on improving WASH conditions for children and communities worldwide.

The Water Project: Discover stories, projects, and information about clean water initiatives in various countries.

Now, it is time for us to take action.

Remember, sustainability begins at home, and our actions, no matter how small, have the power to create lasting change.

As we conclude this handbook, we invite you to explore other Sustainable Development Goals and continue your journey towards sustainability. Each goal is interconnected and contributes to creating a better world for present and future generations.

Thank you for joining us on this inspiring journey of teaching our children about SDG 6. Let's continue our efforts to foster a sustainable Bhava (consciousness) and contribute towards building a world where no one lives in poverty.

Take the knowledge gained here and make a difference.

Sustainable Bhava starts with us!

To learn more about sustainable living and other Sustainable Development Goals, visit sustainablebhava.org and continue your journey towards a more sustainable future. Let's create a world of equality, justice, and opportunity for all together



About Us

To learn more about sustainable living and other Sustainable Development Goals, visit sustainablebhava.org and continue your journey towards a more sustainable future. Let's create a world of equality, justice, and opportunity for all together

Reach out to us:-

 [sustainablebhava](#)

 [sustainablebhava](#)

 sustainablebhava@gmail.com

 www.sustainablebhava.org
